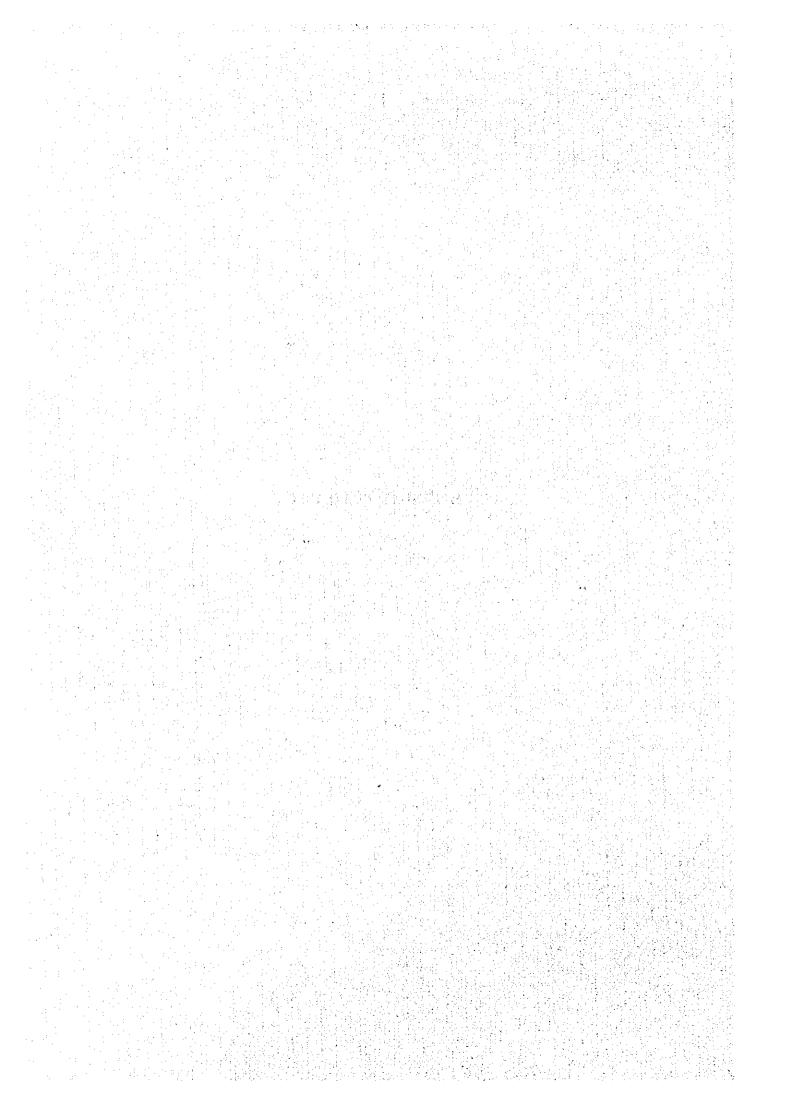
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Tableaux et figures

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- - -	Name of	9690	Depth of Boundary	0	20107]		2	CHUICH SIME			Non-cture.		3	Configuración		
	Oasis	Honzon	of Horizon	Roundary	Wet	È	Texture	Ş Ü	્રાવુર	Sand	Code	Type	Size	Wet	Moist	D.	Remarks
		(ma)						(46)	(%)	(%)	,					÷	
F. 1	Kasba	9.00	į	ą	2.57.30	2.57.52	경	*	ន	Ę	설	2	ź	45.70	2	9	
4	Sud Quest	<u>%</u>	ż	ź	57.8.55	SYRES	당	4	8	38	ź	ź	췯	PA\$, FID	2	2	
1 4 1	3	98	<u>بر</u> غ	ğ	7.5YR 4/2	7.5 YR 5%	្ន	-	9	8	ž	ź	ž	ns,np	9	<u>\$</u>	
9.45	Oued Shill	0-100 V	2	į	10YR 6/6	10YR 8/3	ង	6 3	9	£	ź	ž	ź	du'su	٥	2	
80	Segdoud	9.100 A	ź	ź	10YR 6/6	SYR 772	: S	c1	8	ዩ	2	설	설	du'su	2	2	
	Tozeur	0-100 A	Ą	뒬	25732	2.57 62	S.	. 10	8	E	결	2	á	GC-SI	<u>.</u> 2	2	
7 11 7	Nefts	9 7	Ą	į	2.57.3/3	2.57 5/3	3	-	Η.	33	설	췯	4	TL.Sp	.9	으	
2 2	Dres Sud	<u>1</u>	ž	Ę	10'XX 7/4	257.83	S		ភ	38	ž	ź	설	4	2	2	
; ;	Cedecte	0110 01100	ž	췯	10YR 5/3	257.83	3	c +	75	7	설	ą.	ź	- du-m	.9	Q	:
TZ- 26 Tamerza	Tamerza	<u>§</u>	2	į	2.57 8/3	2.57 52	n	•	۲.	8	렱	ž	널	dursu	<u>.</u>	.0	Natural spring
KD- 1 Dochin	Dochin	9-150	ź	췯	10YR 7/3	257.70	S.	*	. 6	8	ą	ą	됥	Ş	<u>0</u>	.2	
12.1	Mansoura	9-150	ź	ź	10YR 4/2	2.57 67	坊	_	អ	74	g	ž	Ę	718,57	9	.₽	
ă	Our El Ferth	2 8 8	ą	á	7.5YR.666	7.5YR 7/4	a	6	É	2	ź	ź	4	Pr.mp	8	2	
4	KD-44 Aule	Ĵ	¥	쉺	101R 7/6	:0YR 8/4	ফ		5 8	17.	ź	ź	ź	na,np	<u>Q</u>	임	
	- ;	\$ \$			10YR 7/6			Culcureous	\$ 60il					. i . i . i	٠		
KB- 60 Facura 1	Facura 1	-136 A	ą	Ą	7.5YR 6/4	10YR 8/4	15	74	ಕ	~	ź	ź	설	us,np.	2	9	
50 6 G88	\$ \$ \$ \$	Ĩ	æ	•	7.5YR 4/4	10YR 7/3	_1	01	45	3	윭	ź	혇	dufau	오	오	
		45-150			10/R 3/5	1.		Culcareous	s soil		٠.					•	:
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		45-1504			10YR 7/6		•	Oyperm						1			
5	City 19 Chenchou 1	200	ź	ź	2.5YR 344	SYR 7/4	Tis	ś٦	8	Ź	ź	ź	ź	4	٥.	오	
8	Amm	<u> </u>		ź	SYRES	SYR	ĸ	•	7	Ħ	į	ź	ź	de al	9	9	
. 42 J	Xertana 3	33.5	ź	4	57.2.5.	5X8 8X	Į,	•	Ė	ē	ź	2	ź	08.00	è	2	

nouce: Determined by 31ch way team.

Tableau 3.1.5.2 Propriétés chimiques du sol

ğ	NAME OF			300			1	C. Wernering Control Control	TOTAL ST	1	W MEL COUNCIL	ĦI	
Ŷ	Ondis	Ę	Ų.	Matter	JOEN N	CEC	J	Mg	ž	_	ģ	Ö	ESP
		:	(m/S/m)	8	£	(me/100g)	(meq/100g)	med/100g) (n	mq/300g) (m	(2001/on	(meq/100g)(n	1006)	€
	Xub	89 89	2	300	0.13	2	25.5	4.3	1	9.0		23	3
다 당	2 Sud Ouest	 	អ	3.52	900	23	49.0	7.4	5	ij		3.8	7
	lala.	 	អ	8	0.03	ij	370	13.6	7.	çı		6.0	8
v L	Oved Shili	% *	330	0.78	0.01	0.5	42.5	5.4	870	6.0		121	걾
& <u>-</u> 45	Segdoud	8.3	ä	25.	90'0	1.3	49.0	7.7	4.6	ij	5.6	3.8	è
2	Tozeur	ដ	8	<u>ड</u>	0.16	3	43.0	7.	3.4	. 3		-	3
2 11	Nefte	23	8	09.0	0.03	90	7.7	33	~	50		3.1	ત્ર
2	Dres Sud	68	ม	79.0	2	0.3	8	F.	6.7	9.0		5.1	¥
11 14	Codeds	86	85	130	0.10		48.0	6.7	3,7			3.0	3
97 7 2	Tamerza	60	8	90.0	ę	9	39.0	Ç	ဌ	9.6	8.0	0:	ii
i. d	Dochin	8.0	ដ	1.68	90.0	60	35.0	97		0.1	212.5	90,4	ň
1.	Mensoum	2	8	29'9	0.13	91	33.7	4.6	: :1	6.0	53.7	5.6	ò
7. d	Oum II Perth	86	3	ភ្	80	90	Y.	4.6	4	0,1	-	0.4	10
4	Atilet	8.6	55	1.78	ð	90	33.2	77	8,0	1	13.0	14.1	26
\$ 8	Facura 1	₩	\$8	0.70	0.03	1	23.5	3	60	1.7	18.2	.0.7	ដ
e e	Cabes	3	340	4	100	2.0	53.0	7.1	33	1.3	มี	;;	vi
4	Limeous 1	86 8.	245	354	0.0	0.9	47.0	7.4	:		3,5	2.0	7.
69: 36	Ovenchou 1	7	3	3.16	900	15	999	9	4.7	0.1	=	57	2
8	Armam	80	7	5	800	99	48.0	2.0	36	_	0.7	2.	3
,			Ş	***			•			•	:		

Tableau 3.2.2.1 Divisions administratives et statistiques démographiques de la Tunisie (1994)

No. of	<u> </u>	Total	Population	75.	Population (1994)	4)	Growth	Population	Number	Family
Delegation Imada		Area	1984	Male	Female	Total	Rate	Density	of Family	Size
		(km2)			i		(1984 - 94)	(per km2)		
2i 159		288	774,364	453,092	434,711	887.803	1.4%	3.082.6	195,557	4 2 4
12 83		1.592	374,192	291.855	277,439	569,294	4.3%	357.6	110,622	5.15
12 75		687	246,193	189.757	181,988	371,745	4.2%	541.1	76,947	4.83
16 98		2.837	461,405	296,563	282,055	578,618	2.3%	204.0	118,041	4.90
6 48		2,833	118,743	71,456	71,580	143,036	1.9%	50.5	26,888	5.32
14 102		3,751	394,670	245.812	237,274	483,086	2.0%	128.8	97,101	4.98
101 6		3,887	274,706	153,198	150,655	303,853	1.0%	78.2	59,973	5.07
8		3,075	359,429	202,144	202,639	404,783	1.2%	131.6	78.722	5.14
11 87		5,081	247,672	135,845	136,507	272,352	1.0%	53.6	\$4,021	8.8
98 01	·	4,642	222,038	122,672	122,238	244,910	1.0%	52.8	44,196	5.54
11 114		6,603	421,607	269,161	263,548	532,709	2.4%	80.7	92,973	5.73
13 106		8,251	297,959	195.063	191.845	386,908	2.6%	46.9	68,498	5.65
111 111	· · ·	7,379	288.528	190,440	186,703	377,143	2.7%	51.1	64.101	5.88
14 103		2,669	322,491	220,430	213,279	433,709	3.0%	162.5	88.845	4.88
13 77		1.033	278,478	185,382	178,519	363,901	2.7%	352.3	72,564	5.01
11 99		2,873	270,435	165.082	170,662	335,744	2.2%	116.9	62,918	5.34
15 125		7,008	577,992	374,076	359,611	733,687	2.4%	104.7	150,436	4.88
77.		7,360	235,723	155,241	152,272	307513	2.7%	8.14	54,330	5.66
536		6.159	67,943	4,917	44,138	.550'68	2.7%	14.5	16.590	537
5		22,454	. 95371	186,381	65,533	131,914	33%	5.9	21,316	61.9
		7505	240,016	156,400	155,313	311,713	2,6%	41.5	56,431	5.52
6		9,333	295.889	194,263	191,922	386,185	2.7%	41.4	70,443	5.48
7 64		38,266	100,329	68,111	67,592	135,703	3.1%	3.5	22,672	5.99
254 2.044 1.		155,566	6.966.173	4,447,341	4,338,023	8.785.364	2.3%	56.5	1,704,185	5.16
30 222		43.478	639,053	422,939	417,256	840,195	2.8%	19.3	148,667	5.65
	- 1			2. 2.	24.7	7,7,7,			0.1.0	

Annuaire Statistique de la Tunisie, Mai 1994, Institute National de la Statistique, Ministere du Planet du Development Regional Recensement General de la Population (Population par division administrative), 1994 Sources:

Tableau 3.2.2.2 Population et nombre de ménages de la zone de l'étude

Governorate /		Population		Househ	old
Délégation	Urban	Rural	Total	Number	C SILA
Gafsa				(H.H.) (pe	r tanniy)
1. Gafsa Sud	71,107	4,924	76,031	14,265	5.33
2. Guetar	14,053	7,297	21,350	3,777	5.65
3. Ksar	26,003	2,460	28,463	5,316	5.35
4. Metalaoui	38,086	1,989	40,075	7,323	5.47
5. Redeyef	26,944	1,834	28,778	4,508	6.38
Sub-total	176,193	18,504	194,697	35,189	5.53
Tozeur		:			
1. Tozeur	28,979	6,630	35,609	6,751	5.27
2. Nesta	18,993	213	19,206	3,643	5.27
3. Hazoua	0	3,467	3,467	528	6.57
4. Deguêche	13,370	11,932	25,302	4,706	5.38
5. Tamerza	1,951	3,520	5,471	962	5.69
Sub-total	63,293	25,762	89,055	16,590	5.37
Kebili				· ·	
1. Souk Lahad	18,726	8,597	27,323	4,550	6.01
2. Kebili Nord	10,518	17,280	27,798	4,920	5.65
3. Kebili Sud	11,846	14,333	26,179	4,242	6.17
4. Douz	31,108	7,140	38,248	5,648	6.77
5. Faouar	0	12,366	12,366	1,956	6.32
Sub-total	72,198	59,716	131,914	21,316	6.19
Gabes					
1. Gabes Est	89,787	408	90,195	17,870	5.05
2. Gabes Ouest	21,076	5,959	27,035	4,932	5.48
3. Ghannouch	19,232	0	19,232	2,891	6.65
4. Metouia	17,372	6,118	23,490	4,361	5.39
5. El Hamma	32,155	26,718	58,873	9,762	6.03
6. Mareth	13,848	43,450	57,298	10,025	5.72
7. Matmata	2,244	4,529	6,773	1,477	4.59
Sub-total	195,714	87,182	282,896	51,318	5.51
Total	507,398	191,164	698,562	124,413 s locement Mai 19	5.61

Source de inform Reusement general de lu population et des logement, Mai 1994 Institut National de la Statistique, TUNIS

Tableau 3.3.2.1 Surface de culture des principaux produits agricoles (1993/94)

	<u> </u>		11 to 8			<u> </u>	4.	<u> </u>	47 9 9				3.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Cod				Arton-	Winter	Summer		Indus	Cropping	Code	v	1	Arbon-	Winter	Stante	Foodca	Indus. Crops	Cropping Intensity
No.	-	Name of Oasis	Area	culture (ha)	Veget.	Veget (ha)	Crops (ha)	(ha)	Intensity	No	Name of Oasis	Area (ba)	(pr)	Veget.	Veget.	Crops (ha)	(ha)	BACIESTS
نت	'u C	avermorate :	(pn)	VSA)	(rec)	(-)	(isay	(124)		KeMII G	veraorate	1000	(111)	6-3	·	()	, ••	* .
		Kuste	698	698	145	117	165		1.61	KB - 40	Gueliada	100	103	40	36	50		2.32
ĠF	. 2	Sud Ouest	703	703	58	128	167	- 1	1.54		Kelwamen	47	47	41.4	9	25		2.02
		El Guettar	.450	450	110	7	50		137	KB - 43		92	92	17	30	33		1.87
	•े.4		700	699	62	133	230		1.61		Sidi Hamed	100	100	13	9	30		1.52
	. 5	El Ksar	578	579	68	142	230		1.76		Asid	220 280	220	109	15	64		1.85 1.29
1	- 6		56	33 54	3		7		0,75 1.05	KB - 45		75	75	'7	3	33		137
		Thelia Segdoud	65 217	217	15	15	30	1.5	1.28	KB 17	Golas	65	65	,		34	- 1	163
- <u>0r</u>	•	Sub-total	3,467	3,432	199	543	686		1.55	XB - 48		111	111	12	9	50		1.64
To	CUI (Covernorute	5,450	1,44						KB - 49	Hsey	90	90	15	8	45		1.76
		Tozeur	929	929	65	55	70		1.20	KB - 50	Noveil	97	97	15	8	. 45		1.70
TZ	-, 2	Kastilia	50	50	4	4	6		1.28	KB - 51	Zatraine	101	101	11	7	- 41		1.58
1 7 7		Oued El Koucha	62	62	2	3	3				Bouhamza	80	80	. 9	- 5	30	1	1.55
4	- 4		72	72	•	•	4		1117	KB - 53	Ksw Ghilane	100	100	_				1.00 1.51
	- 5		90 73	90		4 2	5		1.14	KB - 54 KB - 55	Sakkouma Tarfaya	80 77	80 17	7 11	3	31 35		1.65
	. 7	Helba Est Helba Ouest	50	1 3	- 1	3	ź		1.20	KB - 56		45	45	14	6	30		211
	- 1	7	40	👸	í	3	- 3		1.28	KB . 57	Spide	64	84	12	ă	42		1.91
	. 9		167	167	2	2	4		1.05	KB - 58	1.5	80	80	21	25	50		2.30
	- 10	the state of the s	325	325	11	9	7		1.08	KB - 59	Sabria	60	60	15	19	34		21)
TZ	- (1	Nefta	852	832	50	- 45	48		1.17	KB - 60	Facuar I	87	87	20	13	34		1.13
		Chardgaya	, 4 D	40	4	2	3		1.23	KB • 61	4.54	80	80	. 33	35	- 50	1.	2.48
		Iba Chabbat I	240	240	9	7	7		1.10	KB · 62	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	100	100	12	18	37		1.67
3 3	: 6	Rea Chabbet 2	272	272	10	9	9		1.10	KB - 63		72 100	72 100	17	10	52 53		1.08
1.0	• 15	Dras Sud Hazoua I	198 72	198 72	10		•		1.12		Matrouha Regim t	100	100	20	10	. 50 80	: :	212
		Hazoua I	48	13	2	,	i		1.13	KB : 66		96	96	20	10	65	:	207
		Hazoua 3	238	238	6	4	5		1.06		Terfayet Elma	52	52	10	9	25		1.65
		Outd Loghrissi	76	78	2	2	4		1.10	1.0	Sol-total	7,213	7,213	1,261	804	2,850	- 33	1.63
TZ	- 20	FarsoT	48	48	3	2	2		1.15		resposale				1 .		5.0	
	- 21		55	55	3	3			1 20		Ain Zng	140	140	10	1	22	ij	1.36
		Dghoumes	104	104	4	3	5		1.12		Temoula 1	40	40	. 4	. 4	8	. 3	1.48
		Degache	822 90	822 90	63	54 2	62		1 22 1.10	GB - 4	Temoula 2	20 30	20 30	2 2	2	8	3	1.45
		Chekmou El Hamma	400	400	25	22	22		1.17	1	Zrig dakhlenia Teboulbou	520	520	45	35	80	. 80	1.46
		Es summa Tamerza	80	1 700	3	2	- 4			GB · 6		734	734	. 28	23	125	200	151
		Chebika	23	23	í	i	i		1.13	GB . 7	Limaous I et 1	: 141	148	32	24	23	6	1.57
		Foum El Khanga	48	48	2	1	2	-	1.10	GB . &	•	40	40	2	2	. 9		133
172	- 29	Mides	29	29	2	1	2		1.17		Chott El Ferik	31	31	2	3	3	12	1.65
172	<u>- 30</u>	Ain El Karna	25	25	2	1	2	 -	1 20		Bouchemma	[43	143	6	5	13	11	1,24
<u> </u>		Sub-total	5,622	5,622	306	263	311		1.16		Mahjoub	374	314	106	85	95	19	1.82
		Povernorale Rockri	162	162		9	46		1.39	GB - 13		99 72	99 12	22	16 17	20 19		1.66 1.85
		Bechri Bouabdallah	270	270	14	15	65	. :	1.35		Faycal	260	260	72	18	62	13	1.63
		Fatoussa	205	205	: 'i	10	50		1.33		M ziraa Ghannouch	280	280	78	63	- 66	13	1.79
	_	El Gliss	54	94	11	13	36		1.64		Metoria	268	268	72	18	62	13	1.63
X.Đ	- 5	Mendula	140	140	9	(3	61	: '	1.59		Ouedhel	263	263	78	63	110	13	2.00
		Nagga	LBL	101	3	- 1	36		1.24	GB · I\$		232	232	35	29	5		1.30
		Oum Somea	162	162	9	15	23		1.29		Chenchou I	57	57		7	2.5	į	1.70
		Oued Zira	176	176		18	61 50	. :	L49	GB - 20		40	40	1)	9 5		1	1.63
		Ouled Touasi Tenchig	62 54	62 54	11		35 35		2.11 1.93	GB - 21 GB - 22	Fekouri Hamma casia	32 400	32 400	6 33	3 27	15 150		1.81 1.53
	- 1	Zaoulet El Anca	125	125	,	. 6	34		1.38		Mziran banuna	80	80	23 6	5	35		133
		Zaoviet El Flanh	81	81	5	Š	34		1.54		Bechina 1	250	280	6	5	40		1.18
		Ziret Loubichi	86	86	. 9	11	43		1.72		Bechina 2	290	290	, ji	9	70		131
		Choucket Nagga	26	26	. 5	5	16		2.00	GB - 26	Khebayet	96	96	11	9	50		1.73
		Gustaya	150	150	17	12	42		1.07		Ben Ghilouf	180	180	33	27	120		2.00
		Jedida	133	133	21	5	55	. !	1.61		Gita Dollhane	70	20	2	2	30		1.49
		Mansoura	86	85	7		. 37	. : '	1.60		Oued Nekhia	30	30	3	3	. 5	1 1	137
		Rebts Telmine	163	162 240	32 101	10	40		151	GB - 30		100	163	13	10	10		1.30
		Telmine Tembib	: 240 : 116	118	21	14 25	65		1.65 1.94		March 1 March 2	100	100 180	6 13	10	20 80	4	131 157
		Tombar	127	127	25	15	- 55	: •	1.75		March 3	30	30		3	10	٠.	1.57
		Limegues	57	57	. ~	6	48		2.09	GB - 34		115	iii	- 11	9	45	1	1.57
		Mazras Nejl	66	66	. 6	. 6	34		1.70		March 6	8.8	88	و ناده	. 6	55		1.80
		Own El Farth 1 et 2	- 53	55	11	8	35		1.91	GB - 36	Zarat 2	174	174	14	10	60		1.43
		Stiftini	\$2	82	7	7	65		1.96		Zerkine 1 et 3	116	116	7	6	25		133
		Saidane	30	30	4	10	20		213	GB + 38		156	156	. 2	3	10		1.10
		Bargheethia	52	52	. 3i	10	11		2.13		Ayoune Zerkine	30	30	2	7 - 3	10		1.50
		Bazma	146	146 135	: 31	10	25 40		1.19	GB - 40	Moksia Kettana 1	58	58 98	5	3	5		1.21
		8'chelli Bildess	135	25	31	26	22		2.05		Kettana 3	98 140	140		. 1			1.11 1.02
		Zarcine	70	1 %	12	-0	17		1.41		Keliana 4	125	125	3	3		15	117
		Jerina Jerina	- 112	112	34	15	"		213		Sidi Sellam	120	120	112	10			119
		Miouria	81	81	34	15	40		210		Zrig Banania	71	71	2	2	10	20	2.48
KB	- 34	Msaid	95	95	25	14	60		2.64	GB - 46	Ghandri	30	30					1.00
		Refunet	\$5	8.5	- 11	2	70		1.93		Learnich (35	35	3	3	1	1.5	1.20
		Ras El Ain	268	268	30	30	61		1.46	GB · 48	Larah 3	55	53	5		2		1.13
		Sock El Buez	. 63	65	11 15	12	- 42		2.06		Sub-total	7,133	7,133	861	621	2,620	452	1.50
	+ 31	Ben Ziteun 1 et 2	147	147 94	; 7 <u>1</u> 51	55 10	43 54		2.15 2.22		Total	23,435	23,460	2 626	2.131	5.601	451	1.68
	- 40	Bourzine																

Sources: Gafra, Tozeur, Kebili and Gabes CRDA Remarks: Veget.; Vegetables, Indus.; Industrial

Tableau 3.3.2.2 Classification des oasis par système de cultures

	· ·					بنين						Field	Ouis	Quis
Code	Date	a	Field	. 7		Osu	Code	Name of Ousis	Dete Palm	Olive	Fruits	Crops	Type-I	Type 2
No Name of Ousis Gafsa Governorate	Palm	Olive 1	Fruits Crop	<u>'- -''</u>	<u>pc 1</u>	Type-3		overborate						
GF - 1 Kuba		4111	3+	.	τ -	6.1		Gueliada	+44.6		**	••	Ţ	D-1
GF - 2 Sed Over	•	4+++			Ť	0.1	KB-41	Kelwarren	++++	, ,	++			D-4
GF . 3 El Guettar	. +++	,	7.		τ	DF-1	KB - 42		1111	<u> </u>	•		<u> </u>	D-3
GF- 4 Lalta		++++			T	01	KB - 43	Sidi Huned	++++		++	**		D-4
GF - 5 El Kser	++.	++	 	t	Ť	FD-1	KB - 44		++++	+	++	-:-	N T	D-4
GF - 6 Oved Shilli	++++	<u>+</u> _			<u> </u>	<u> </u>	KB - 45		++++	*	++	::	- -	DF-2
GF 1 Thelia	++++	+	<u> </u>		T	<u>D-1</u>		El Choule	+++	· · · · · ·	**	••	Ť	D-4
GF 1 Segdoud	++++	t	++ '		N	D.I.	KB-16	El Golas Grad	++++	· · · · ·	**		- -	D-4
Toezur Covernorate				.	Ť	DI	1.B · 19		+++		**		Ţ	DF-2
TZ - 1 Tozeur TZ - 2 Kasilia	****			-	Ť	DF 2	KB - 50		+4+		++	••	T	DF-3
TZ - 3 Oved B Koucha	1111				Ť	Dil	KB - 51	Zasicane	++++		#+	: 66	7	D-4
TZ- 4 Nessayette				-	T	D1	KB - 52	Bouhamza	1:++++	•	++	••	Ţ	D-¢
TZ- 5 Chemsa	++++	•	•	•	T	D 2	KB - 53	Kear Chilane	++++	· •		•	T	D-I
TZ- 6 Helba Est	++++	+	•	ì٠	1	D 2	KB - 54	Saktouma	- +++		++	••	<u> </u>	DF-2
17 - 1 Helba Ouest	+++	•	++	<u>• </u>	T	DF-1	KB - 55			<u> </u>	++	**	<u> </u>	DF-2
TZ - 8 Jhim L	. +41			<u>. </u>	<u>. T</u>	DF-1	KB - 56		****				N N	D-4
12- 9 Jhim 1	+++	+	++	-	Ţ	DF-1	XB - 57		4++		++		7	D-3
TZ-10 Iba Chebbat 3	+++	+	. ++		N T	DF-I	KB - 58	Ghidma Sabria	++++			•••	Ť	D-3
12-11 Nefta	1111				N	DF-2	KB - 60		41+t	+	_ <u>;</u>		Ţ	D-3
TZ-12 Ghardgaya TZ-13 Do Olebbet I	444	*	4+		N ·	DF-1	KB - 61		1111				T	D-3
TZ-11 Do Chabbat 2	***		1 11	•	N	DF-1	KB 62	Bechni	****	•		••	N	D-3
TZ-15 Data Sod	+++	- 	** :	•	T	DF-1	KB - 63		****		+	.,••	N	D-3
TZ-16 Hazoca I	***	•	44	•	ī	DF-1	KB - 64	Matrouha	****	•			T	D-3
TZ- 17 Hazoua 2	. +++		. ++	•	N	DF-1		Regim Mastous I	1111	+			K	D-3
TZ-18 Hazout 3	***	•			N	DF-1	******	Regim Maston 2	9194	<u> </u>	++	•••	N N	D-4
TZ-19 Oved Loghrissi	##+		. ++		<u>T</u>	DF-1	>	Tarfayet Elma	****		++	-"	N	D-4
1Z · 20 Tozrack	##+		++	:-	<u>T</u>	DF 1	2	Covernorate			+++		Ť	FD-2
TZ-21 Cedada	1244	+		-	T T	D-¢ DF-I		Ain Zeig Temouis 1	- **		++++	••	7	F-2
7Z · 22 Dehoutes	***	- 4	44	11-	Ť	Di		Temouls 2	-		++++	. 10	T	F-2
TZ - 23 Degache TZ - 24 Chakmou	1111				T	D 2		Zng Dekhlania	++	+	444		T	FD-2
72 · 25 El Hamna	1111	. +	*	1	Ť	Di		Teboulboo	++	41	+++	••	T	FD-2
TZ - 26 Temerza	1244	. + .	+	•	T	Di	GB - 6	Ousis de Gabes	++		44+	. 40	T	FD-2
7Z-27 Chebika	, tti e	+		••	T	D-2	G8 7	Limaoua 1 et 2	1 +		####	**	N	F-2
TZ - 28 Foum El Khanga	4444		•	••	T	D-2	GB . 8		<u> </u>	+	#4##		<u>T</u>	F-2
TZ - 29 Mides	. ++++	· .+	<u> </u>	••	T	D-2		Chott Ei Ferik	Emeria.	e mail	SATE!	4318	<u>T</u>	<u>A</u>
TZ - 30 Ain El Karns	++++	<u> </u>		••	<u> </u>	D-2	G8 - 10		+++	 -	**		T 7	DF-2
Kebili Governorate		1			r	D-3	C8 - 11	Mahjoub Salem	+++	++	++	144	ī	FD 2
KB - 1 Bechri KB - 2 Boustdulish	4444	+	· T		Ť	D3	G8 - 13		++	**	+++	• ••	T	FD-2
KB - 3 Futnassa	++++	+			Ŧ	D3	G8 - 14		emeli	flama	small	****	T	٨
KB - 4 El Glisa	***				Ť	D-3		M' ziras Ghannouch	emali	fam.	(lama	4444	T	
KB - 5 Menchia	4111	+	•	**	T	D-3	G8 - 16	Metouia	+++		-, 44	••	<u>T</u>	DF-3
KB - 6 Nagga	4846	•	<u> </u>	••	T	D-3		Quedivel	+++	+ 3	4+	••		DF-3
KB - 7 Oum Somsa	++++	•		••	T	D-3	G8 - 18			4111	*	***	<u>T</u> .	0-1
KB - 1 Oved Zira	4111	•		•	<u> </u>	D3	7	Chenchou I	small	Lana!	flures.	****	T N	<u>_</u>
XB - 9 Ouled Touri	1111	****		**	<u>T</u>	<u>D3</u>		Cheachou 2	small*	llams.	flame +++	•••	T	FD-3
KB-10 Tenchig	1111		++	:- -	<u>T</u> _	D 4 D 3	G8 - 21	Tekouri Hamma Oasis	++++	+	+	••	T	D-3
KB-11 Zaoulet El Anes		*	+		7	D-3		Mziraa Harrena	4+	++	4++	**	Ť	FD-2
KB-12 Zacuict El Harth KB-13 Ziret Loubichi	1111	<u> </u>	+	:: -	T	D.3		Bechins 1	++	+	+++	+0	Ī	FD-2
KB-14 Chouchet Nagga	+3++	•		••	N	D-1		Bechima 2	444	. +	++	. 40	Ţ	DF-2
KB-15 Gualaya	4417	,	•	**	T	D-3		Khebayet	,	++	+++	**	T	FD 3
KB-16 Jedida	++++	*			τ	D 3	1	8en Chilouf	++	++		44	<u>T</u>	FD-3
KB-17 Mansoura	++++		•	••	T	D3		Glib Dokhane	++	++	++	**	<u> </u>	FD-2
KB-14 Rabia	4444		•	••	τ	D-3		Oued Nebbia	+++	***	++	**	<u>T</u>	DF-2
KB-19 Telmine	++++		++	<u>:: </u>	<u>T</u>	<u>D4</u>		Arrien .	++		***		T	FD-2 F-2
KB-20 Tembib	++++		++	:: -	<u>T</u>	<u>D4</u>		Marcth 2	-	+	##+# ##+#	••	T	F-2
KB-21 Tombar	4444		**	<u>:</u> -	T	D-4 D-3		March 3	;	++	4++	••	Ť	FD-2
KB-22 Linuguta KB-23 Mazta Neji	++++	•	•	`	7	D 3		March 5	 ∵	. +.		44	T	F-1
KB-24 Oum El Fach Let 2	1111			•	T	D3		Mareth 6	1	1.41		: ••	Ť	F-2
KB -25 Suffini	++++			•	ī	D 3		Zarat 2	•	+	1111	••	T	F-2
KB-26 Saidane	5 41	•		••	N	FD-2	GB - 37	Zatine 1 at 3		+	1111		T	F-1
KB-27. Barghouthia	++++	+		•	Ţ	D-3		Zerkine 3	·		4+++	**	<u>T</u>	F-2
KB-28 Bazma	411	•	4+	••	1	DF-2		Ayoune Zerkine			++++		<u>_</u>	F-2
KB · 29 B'chelli	. ++++	+	11 44	•	<u></u>	<u>D4</u>		Madsola		<u>.</u>	++++			F-3
KB-30 Blidette	4411		<u> </u>	<u>* </u>	<u>-Ī</u> -	D-3		Kettana 1	<u> </u>		****		_ <u>T</u> -	FI
KB-31 Zerone	++++			!	<u>. I.</u>	D3		Kettana 3	 -	4+.	4444	-	T	F-1
KB-32 Jenna	+41+			-	<u>T</u>	D 3		Kettana 4		4+	****		N	F-1
KB-33 Mionris	****		<u> </u>	**	<u>T</u>	DF 2		Sidi Sellam Zrig Barrania	;	7111	++	• •	7	0.1
KB-34 Maid	444	*	**	:- -	T	DF-2		Chandri Ghandri		***	4114	•	N	F-I
KB-35 Rahmul KB-36 Ras El Ain	***		**	₹1 •• ⊬1	7	D-3		Lawach 1	i	**	4+++	•	N	F-1
KB-37 Souk El Baicz	***		++	.	-	Df 2		Caram)	1	9.1	++++	•	N	F-1
KB-38 Ben Zieum Jet 2	****		•	•	T	D3	1						l	-
KB 39 Bourine	1411		##	•	Ť	D I	. :	1. 1. 1.			1 - 1		L	
Source : JICA study to		i												:

Source 1: RCA study team estimation
Remarks: T; Traditional oasis, N; Newly developed oasis
4+40: Predominant (COOR), +++: Leading (COOR), ++: Small (>500), +: Very small (>200)
****: Image area is used for field crops. **: Relatively large (note than 10% of total area), **; Small (>20%)
Small: Plant density of all trees is less than 90 huntly per square notes

Tableau 3.3.2.3 Rendement des principaux produits agricoles (1992/93, 1993/94)

												_		9 93.2		(Vok i	
Code No Name of Ossis	Date Pain Olive	Pome- granate	Fig a. Apricot Othe			Fodder Ind Crops Cro		Name of Oasis	Date Palm	Oliva	Pome- grapate					Fodder Crops	
Gafas Governorate					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Kábniz	Covernorate									
GF 1 Kasha	7.8 8.2	8.3	19.5 8.1	24.4	18.7	60.4		Guefrada	5.8	4.6	3.1	2.5	27	12.2	10.2	49.2	
GF • 2 Std Owest	75 79	8.0	18.8 7.8	23.1	17.0	58.2		Kelwamen	5.9	4.7	3.2	2.5	27	12.1	10.3	49.9	
GF- 4 Lalls	7.4 7.8 7.7 8.1	7.9 8.2	18.7 7.7 19.4 8.0	22.9 24.1	15.2 17.3	58.0 50.1	K3 - 42	Klibin Sidi Hazard	6.1 5.8	48	3.5 3.1	26 25	28	13.4	10.5	51.5 49.2	
GF 5 El Ker	74 42	8.3	17.6 81	24.8	19.7	60.7	KB 44		4.0	3.4	3.1	2.4	26	11.9	9.9	43.1	
GF 6 Oued Shift	6.5			13.4		45 1	KB 45		5.8	4.6	3.1	2.5	27	12.0	10.2	49.2	
GF 7 Thelia	7.9 7.9	::	·	20.6		61.5		G6oula	6.4	5.1	3.5	2.7	29 29	14.4 14.4	113	54.6 54.6	
GF - \$ Segdoud	66 66 73 10	83	8.3 6.1 19.2 7.7	16.9 23.5	13.5	43.6 53.7	K9 - 47 K9 - 48		6.4	5.1 5.1	9.5 9.5	27	29	14.1	113	54.6	
Topeur Coverponele							100.49		5.9	4.1	3.2	2.5	2.7	128	10.7	49.9	1. 7
12 - 1 Total	63 29	2.2	25 24	128	9.6	17.6		Nouel	5.7	4.5	3.1	2.4	2.6	12.3	10.3	48 0	
TZ- 2 Kastiša	62 29	22,	25 24	13.8	10.7	77.5		Zafranc	6.3	5.0	3.4 5.2	21	29	13.0	10.5	53.1 49.9	
TZ - 3 Oued D Kooche TZ - 4 Nelbyette	6.4 3.0 6.4 3.0	2.3	26 25 26 25	142	10.9	79.5 78.9		Bouhanza Ksar Chilane	5.9	4.7	3.2	23	27	12.5	11.0	19.9	
TZ - 5 Chemiss	65 30	23	26 25		iii	80.9		Sakkowa	6.4	5.1	3.5	21	2.9	14.4	11.3	\$4.6	
TZ- 6 Heta Est	69 28	2.1	24 23	13.3	10.2	14.5		Tarfaya	6.4	5.1	3.5	27	2.9	13.4	10.4	\$4.6	
TZ+ ? Helta Oues	6.5 3.0 5.9 2.7	2.3	26 25 24 23	11.9	124	80.4 72.9	1 1 1 1 1 1 1 1 1 1	Dhom/ana	4.5	3.7	3.4	2.7	29	12.7	9.7	53.1 51.0	
TZ + 8 Jaim 1 TZ - 9 Jaim 2	6.4 3.0	21	26 25	10.8	10.9	79.2	KB - 57	Chidna	6.3	5.0	3.4	27	29	13.4	10.5	53.3	
TZ - 10 the Chatter 3	49 22	2.5	25 27	13.4	10.5	87.1	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sabrie	5.8	4.7	3.2	2.5	27	12.7	10.1	49.5	
12-11 Neta	61 26	2.2	24 23	120	9.1	75.1		Piour I	6.0	4.8	3.3	2.6	28	13.1	10.6	51.2	
TZ-12 Chardgaya	62 29	2.2	25 24	13.1	10.7	27.5		Facuse 2	6.0 4.3	4.8	, 3.2 3.3	2.5	27	12.9	10.0	50 6 51.0	
TZ-13 Do Chabbat 1 TZ-14 Do Chabbat 2	5.0 2.2 4.9 2.2	25 25	29 27 28 27	13.7	10.2	87.8 87.1		Bechni Dergine	4.6	3.9	: 3.5 3.5	2.8	3.0	143	11.4	55.2	
TZ-15 Draa Sod	48 21	2.4	28 27	13.6	10.6	84.9		Matroubs	5.9	4.7	3.2	25	2.7	12.5	10.0	49.9	
172 - 16 Hazoŭa I	62 29	2.2	25 24	13.5	9.3	77.0		Regin I	4.4	3.7	3.4	26	2.8	13.5	10.0	\$2.8	1 .
TZ-17 Hazous 2	4.6 2.0	2.3	26 25	14.4	11.1	80.7		Regim2	4.4	3.7	3.3	2.6 2.6	2.8	13.2	10.8	: 523 : 514	
TZ-18 Platom 3 1Z-19 Out/Loghrissi	4.5 2.0 4.4 2.0	2.3	26 25 26 25	13.0	91 10.8	80.7 78.6	K.# 07	Tarisyet Elma Average	5.7	4.6	33	25	27	12.8	18.1	50 1	
TZ - 20 Torraik	4.4 2.0	23	26 25	13.3	10.8	78.6	Gabes (Governorate									-
TZ-21 Cedada	62 29	2 2	25 24	11.3	9.3	16.5	1 1 2 2	Air Zng	6.0	4.0	12.1	12.1	5.0	18.0	15.7	60.3	1.5
TZ-22 Oghounes	63 2.9	2.3	2.6 2.5	12.0	9.5	18.6		Temoule 1	62	41 41	12.4 12.3	12.4 12.3	5.2 5.1	19.5	15.2	61.9	1.5
12-23 Degacte 12-24 Chakmou	59 28 62 29	22	2.4 2,3 2.5 2.4	11.3	9.0	74.8 76.3		Temoula 2 Zrig dakhlonia	61	41	12.3	12.2	51	29.6	13.2	50.8	13
12 - 25 El Ramon a	6.1 2.8	22	2.4 2.3	12.0	93	15.1		Teboulton	5.7	3.6	115	11.5	48	15.1	143	57.3	1.4
172 - 26 Tamerza	6.7 3.1	2.4	2.7 . 2.6	12.2	13.4	82.8		Ossis de Gebeu	5.9	3.9	11.7	11.7	4.9	12.6	15.1	50.6	1.5
172 - 27 Chebita	6.7 3.1	2.4	2.6	14.0	7.2	121		Limnous 1 et 2	5.8	3.9 40	11.6	11.6	4.8 5.0	29.0	14.9	581 595	15
TZ - 28 Foum El Khangs TZ - 29 Mides	6.7 3.1 6.7 3.1	2.4 2.4	27 26 27 26	10.6	7.2	82.8 82.8		Model Chota El Ferik	5.9 6.3	4.2	11.9	12.5	52	29.4	15.4	62.5	16
TZ-30 Ain El Kerne	6.7 3.1	2.4	2.7 2.6	10.6	1.2	82.8		Bouchemma	6.0	4.0	12.0	12.0	5.0	19.7	15.8	59.9	1.5
Average	5.8 2.7	2.3	2.6 2.5	125	9.6	17.6		Mahjoud	5.9	3.9	11.8	11.8	49	(5.1	15.1	59.0	1.5
Kebel Governomite KB - I Bechri	5.9 4.7	: 32	25 27	12.4	10.3	49.9	G8 - 12 G8 - 13		5.9 6.1	4.0 4.1	11.9	11.9	4.9 5.3	16.0	15.2 15.3	: 593 : 604	1.5 1.5
KB 2 Bounddallah	56 46	3.1	23 27	13.0	101	49.1	G8 - 14	and the second second	5.0	4.0	12.0	120	5.0	17.8	15.3	59.9	1.5
KB - 3 Fatrasca	6.0 4.8	3.3	26 28	13.5	10.2	\$1.1		M zima Ghannouc		4.1	12 2	12.2	5.1	16.3	15.6	60.9	1.5
KB • 4 E) Glisa	5.8 4.7	3.2	2.5 2.7	12.2	9.2	49.5		Metouia	6.0	40	12.0	120	5.0	17.6	. 133	59.8 56.6	1.5
XB - 5 Menchia KB - 6 Nagga	5.6 4.5 5.8 4.6	3.0	24 26 25 22	11.6	8 E 9.3	47.5 49.2		Overbref Administra	5.7	3.8	11.3	11.3	4.7 5.0	15.2	14.5	50.1	1.4
KB - 7 Ours Somes	5.6 4.5		24 26		9.3	47.5		Chenchou I	5.8	3.9	11.6	11.6	4.6	16.4	14.5	58.1	
KB - & Oued Zara	55 4.4	3.0	23 25	12.6	8.6	46.9		Cheschou 2	6.2	4.)	12.3	12.3	5.1	19.9	13.8	61.6	
KB • 9 Ouled Town	52 41	2.1	22 24	8.01	8.4	44.1		Tekouri	5.9	3.9	11.8	11.8	4.9	17.3	15.6	59.1 59.5	
KB -10 Tenchig KB -11 Zaculet El Anes	5.6 4.6 5.7 4.5		25 21 24 26	13.2	9.1 9.9	49.2		Hamma casis Mziras hamma	5.9	40	11.9	11.9	5.0	17.8	16.0	60.5	
KB - 12 Zarviet El Hard	3.4 43		2.3 2.5		100	45.5		Bochima I	6.1	41	12.2	12.2	5.1	18.0	16.1	61.2	
KB-13 Zirct Loubichi	5.9 4.7	3.2	25 27		9.7	49.9		Bechima 2	5.8	3.9	11.6	11.6	4.8	17.2	14.9	58.1	
KB-14 Chauchet Nagga	42 35		2.5 2.1		8.9	49.6		Khobayet	6.2	3.41	12.4	12.4	51	183	15.8	61.9	
KB - 15 Guataya KB - 16 Jedića	5.7 45 60 48	3.1	2.4 26		9.1	48.9 50.6		Ben Chilouf	6.3	4.2	12.6	12.6 12.2	5.2 5.1	15.9	16.E	63.0 61.0	
KB 11 Mansoura	5.4 43		23 25	12.7	9.6	30.6 45.5		Oued Nethba	6.1	41	12.2	12.2	5.1	30.1	18.0	61.2	
KB-18 Rabia	5.9 4.7		25 21			49.6		Агтал	6.1	41	12.2	12.2	5.1	17.6	15,4	61.0	
KB - 19 Telmine	5.8 4.6		25 27			49.2		Mare & 1	5.9	4.0	11.9	11.9	5.0	17.4	1 (5.7	59.5	
KB-20 Tembib KB-21 Tember	6.0 4.8 5.7 4.6		2.5 2.7 2.4 2.6		9.9 10.0	50 5 48 4		March 2 March 3	5.8 6.3	3.9 4.2	11.6	11.6	4.8 5.2	16.8 23.1	14.6	58.1	
KB - 22 Limegues	5.8 4.7		25 2.7			49.5		Marets 5	5.4	3.6	10.7	10.7	4.5	15.9	13.7	- 53.6	- 1
KB - 23 Mazras Neji	60 4.6		25 28			51.0		March 6	5.8	3.9	11.6	11.6	4.4	17,1	149	58.1	1
KB - 24 Ours El Farth 1 et 2			2.8			51.2		Zara 2	6.0	4.0	12.1	12.1	50	16.2	15.2	603	
KB-25 Stiften	6.1 4.8		26 21			51.3		Zerkine I et 3	6.1	3.9	12.3	32.3	51	19.1 28.1	15.7	- 61.4 59.0	
KB +26 Saidane KB -27 Barghouthin	41 3.4 5.8 4.6		25 23 25 23			49.1 49.2		B Zerkine 2 D Ayoune Zerkine	5.9 5.9	3.9	31.6	11.8	49	28.1	15.	59.0	
KB -28 Bazma	60 4.9		25 21			\$1.0		Medson	6.6	44	13.2	13.2	5.5	24.4	16.9	66.0	:
KB - 29 Bichelü	5.8 4.6	3.1	2.5 2.1	12.4		49 2	GB - 41	Kettana I	5.4	3.6	10.8	10 8	4.5	17.8		53.9	
KB -30 Blidete	5.8 4.6		25 23			49.2		Kettana 3	5.9	4.0	119	119	5.0	29.0	129	59.5	
KB-3t Zarcine KB-32 Jenna	5.4 43 6.1 49		23 23 26 24			46.0 52 I		l Kettara 4 I Sidi Sellem	5.6	. 3.I 4.I.	11.3	11.3	. 4.7 . 5.1	18.5	14.4 15.7	56.4	H
KB -33 Miouria	5.7 45		24 24			48.0		Zrig Barrania	60	4.0	13.0	12.0	30	29.2	16.5	59.9	3.5
KB-34 Maid	5.7 4.5		2.4 26	D.2	9.5	48.0	GB - 46	S Chaodai	6.0	40	12.1	12.1	50	29.4	17.8	60.3	-
KB -35 Rahmat	5.9 4.7		2.5 2.1			502		Laradil	60	4.0	12 (12.1	5.0	29.7	15.4	603	
KB -36 Ras El Ain KB -37 Souk El Baica	5.9 4.7 5.9 4.7		2.5 2.7 2.5 2.1			49.9 50.1	G8 · 48	laxah)	5.9	4.0	12.5	12.5	5.1 :	22.0	15.2	59.4	1.5
KB -38 Bee Zitom Let 2	5.8 4.6		2.5 2.5			49.2	·	Average	 "	1.4			_ <u>^</u>				- 6-3
KB-39 Bourine	6.1 48		26 21			513		Arcer	5.9	41	19.2	11.8	11	19.1	13.4	: 41	1.5
ŧ.						100	1 1		1					4.5			

Source : Galsa, Tozeur, Kebili and Gabes CRDA Remarks : Veges, ; Vegetables, Indus; ; Industrial

Tableau 3.3.2.4 Production des principaux produits agricoles (1992/93, 1993/94)

the state of the s	a 3.3.2.4 Production des principaux	L	(Unit : igns)
Cook	Date Porte- Fig and Winter Semmer Pooler India.	Cosa T	Date Posts Figurd Water Sommer Folder Balus
No Name of Oas's	Palm Ofive grande Awicol Others Veget, Veget, Crops Crops	No Name of Owis	Palm Olive grange April Others Veget Veget Crops Crops
: :			
Gafa Contraction		Kat & Covernors to	
GF- 1 Kasha	566 4,343 116 1,361 169 3,565 2,185 5,019	RB-40 Cuckata	568 3 2 8 489 366 2,458
GF- 2 Sad Ouce	314 4,669 125 376 194 2,037 2,173 9,719	KB-41 Kelwarren	259 3 5 170 93 1,247 516 16 9 3 6 227 319 1,700
GF- 1 Et Ocettar	2,195 923 97 37 165 2,543 106 1,194	KB-42 Kubia KB-43 Sidi Hamed	516 15 7 3 6 227 319 1,000 522 9 5 13 151 91 1,475
GF- 4 Lelle GF- 3 ErKur	293 4,953 189 136 176 1,697 2,795 13,828 195 2,842 665 451 162 1,683 2,796 13,952	KB -44 Addet	\$00 22 5 34 1,292 149 3,079
GF 6 Qued Shill	204 40 316	88-45 Douz	1.427 46 19 7 49 168 61 1.950
GF- 7 Torta	347 79 145 431	KB - 46 Chouts	406 15 11 5 12 101 34 1,802
GF- 8 Segdoud	8,140 145 58 25 73 254 230 (369	KB - 47 Gots	367 15 9 8 101 34 1,857
Sub-total	5.932 17.854 2.230 2.344 960 11.763 9,779 67,531	XB-48 Crid	644 15 7 8 9 171 102 2,731
Teseur Covernorate		KB-49 Przy	435 19 19 5 16 191 86 2,244
TZ - Tozaci	5,425 47 36 10 61 631 526 5,430	KB - 50 Novell	454 23 13 5 13 114 83 2.162
72-2 Kashia	244 6 7 3 12 55 43 455	KB - 51 Zenane	582 15 7 9 6 143 73 2,176 423 9 6 2 8 183 55 1,496
12 - 3 Cool El Koucha	365 6 2 3 2 21 22 239	KB-52 Boultame	
TZ - 1 Nettryette	413 6 5 3 5 56 43 315 329 8 3 3 10 58 45 405	KB-53 Kar Ghilare KB-54 Sakkoumi	570 5 3 3 438 10 41 5 15 101 34 2 1,693
17 - 5 Chessus 17 - 6 Rethr Est	403 3 4 2 9 27 20 223	KB-35 Terleye	444 19 14 3 6 147 42 1.913
TZ - 2 Helha Ourst	272 6 5 3 4 36 37 321	KB - 56 Dhomana	147 3 6 181 66 1.592
TZ - 1 Min 1	200 5 2 2 5 32 26 354	KB - 57 Smids	249 13 3 8 153 39 2,149
TZ- 9 Thins 2	959 9 9 5 20 28 22 317	KB - 56 Ghirlma	414 3 6 281 261 2,567
TZ-10 Dq Christer 3	1,362 17 28 20 57 147 95 609	KB - 59 Seem	327 3 2 5 190 191 1,664
TZ-11 Nefta	4,939 20 26 5 38 601 408 3,606	KB 60 Facur I	501 3 8 262 191 1,741
72-12 Gardjeya	206 3 4 5 7 55 21 233	KB - 61 Facuar 2	454 3 8 425 349 2,532
TZ-13 Da Chablet	1,012 13 25 11 44 126 71 615	KB 62 Booksi	412 3 8 152 190 1,888
TZ-14 the Chabbal 2	1,146 9 28 14 52 123 95 764	(CB - 6) Dergine	311 7 3 6 244 103 2,871 529 16 7 [1 853 100 2,494
TZ - 15 Dras Sod	747 8 24 bl 42 136 85 509 379 5 13 5 10 40 28 308	RB 64 Matrouta RB 65 Regim	529 10 7 11 153 100 2,494 434 7 3 9 270 165 4,220
FZ - 16 Hažoca 1	379 3 13 3 10 40 24 304 117 2 5 10 29 22 242	KB - 66 Regim?	392 7 14 268 193 3,401
TZ-17 Kazous 2 TZ-10 Hazous 3	965 4 21 # 20 78 36 403	KB - 67 Terfayet Elona	203 7 0 132 96 1,284
7Z-19 Osod Loghrani	311 2 7 3 7 20 22 314	Sub-lotal	37,289 898 517 124 654 16,063 8,120 142,536
12-10 Tozarit	173 8 2 3 7 41 22 157	Gabes Gavernocule	
17 - 21 Cedada	303 9 2 5 34 24 385	GB · 1 Ain Zrig	555 410 36 55 293 126 1,327 17
TZ - 22 Oghoumes	564 12 9 3 15 48 29 393	GB - 2 Terroule I	8 49 161 104 107 61 495 5
TZ-23 Degache	4,200 226 32 7 35 738 488 4,638	GB - 3 Testicula 2	25 4 74 49 26 60 34 123 5
TZ - 24 Chebmou	480 11 7 2 10 34 21 305	GB · 4 Zrig dakhlarda	73 170 12 15 59 13 485 3
TZ-25 El Humba	2,279 17 15 5 24 301 205 1,555	CB 4 Out of Color	1,175 359 1,796 172 234 1,166 502 4,569 114 2,842 12 2,764 35 34 772 347 2,320 293
77-26 Tamerta	487 6 5 3 5 37 23 331 133 3 5 14 7 83	GB - 6 Owinde Gabes GB - 7 Linuxus 1 of 2	2,842 12 2,764 35 34 772 347 7,370 293 6 74 N9 81 290 882 357 1,336 9
172 - 27 Chebits	133 3 5 16 7 13 267 6 5 3 8 21 7 166	CB - I Mov	95 12 107 24 50 58 33 535 12
TZ-28 Foom El Khangs	167 3 2 5 29 7 166	G8 - 9 Chott El Funk	56 BF 30 63 59 46 188 19
12-29 Middl 12-30 Air El Karry	147 3 2 3 2i 7 166	GB - 10 Bouchemma	665 28 192 12 40 175 79 779 17
Sub-lotal	20,729 480 334 135 537 3,833 2,514 24,143	GB-11 Mahjoub	1,297 558 166 24 39 2,977 1,287 5,692 28
Kebili Covernorate		GB - 12 Selem	273 182 71 5 613 273 1,185 7
Kir j Bochri	923 5 6 5 99 93 2,294	GB-13 Shout	201 134 61 \$ 597 260 1,155 6
KB - 2 Bousbástah	1,476 5 6 5 112 152 3,119	GB -14 Feycul	659 512 180 12 30 2,052 276 3,716 20 189 816 365 49 71 2,256 961 4,017 21
KB+) Februsse	1,186 10 10 3 6 94 102 1,553	GB - 15 M ziras Ghannovch GB - 16 Metouis	189 816 365 49 71 2,256 981 4,617 21 1,292 596 82 10 2,047 275 3,707 19
KB - 4 ELGitzi KB - 5 Mercina	491 24 3 2 5 134 120 1,743 672 31 12 5 18 169 115 2,854	GB - 16 Melotia	1,172 49 442 23 9 2,100 913 6,232 18
KB 6 Nagya	1,022 3 5 35 37 1,770	GB - III Acufactic	433 642 991 448 301
KB - 7 Our Seman	790 71 6 2 5 109 130 1,091	GB - 19 Chandros I	139 81 35 53 214 102 1,453
KB - 1 Oued Zira	901 22 9 2 10 101 156 2,860	CB - 20 Chenchon 2	33, 61 33 210 302 4100
KB - 9 Outed Fourti	302 4 3 5 119 67 2,306		90 37 77 306 142 301
KB-10 Tenchis	302 4 3 3 117 67 2200	GB - 21 Tekouf	90 37 77 306 142 308 124 405 12 5 150 78 886
 * * * * * * * * * * * * * * * * * * *	278 9 6 2 3 106 68 1,721	GB - 21 Tekouf GB - 22 Harana össka	90 37 77 306 142 308 1324 406 12 5 150 78 886 2,231 238 24 15 919 430 8,919
KB-11 Zaovid El Andi	278 9 6 2 3 106 68 1,721 658 27 3 5 89 60 1,633	GB - 21. Tekouri GB - 22. Harrani oseka GB - 23. Mzirsa hamma	90 37 77 306 142 308 124 406 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 80 2,119
KB-11 Zapalet El Harth	278 9 6 2 3 106 68 1,721 658 27 3 5 89 60 1,633 408 17 2 58 50 1,541	GB - 21 Tekouri GB - 22 Hammi öveli GB - 23 Mülles hamma GB - 24 Bodhima I	90 37 77 306 142 301 124 405 12 5 150 78 486 2231 238 24 15 919 410 4919 399 230 36 10 164 33 2,119 1,059 230 453 98 41 166 81 2,449
KB-11 Zapaiet Et Harth KB-11 Ziret Lechichi	278 9 6 2 3 106 68 1,721 658 27 3 5 89 60 1,633 408 17 2 58 50 1,541 459 23 3 5 114 107 2,695	GB - 21. Tek ouf GB - 22. Harsmi öveks GB - 23. Maines hemme GB - 24. Bochime 1 GB - 25. Bochime 2	90 37 77 306 142 308 124 406 12 5 150 78 486 2231 238 24 15 919 410 8919 339 230 36 10 164 50 2,119 1,040 240 418 70 34 300 134 4,067
RB-12 Zowies El Harth RB-13 Ziret Louhichi RB-14 Chouchet Nagga	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,533 408 17 2 58 50 1,541 459 23 3 5 114 107 2,095 100 3 3 63 43 793	GB - 21 Tekouf GB - 22 Hammi ousia GB - 23 Müres hemme GB - 24 Bothime I GB - 25 Bothime 2 GB - 26 Khehayet	90 37 77 306 142 308 124 406 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 39 2,119 1,000 240 418 70 34 500 134 4,067 254 136 173 12 36 319 142 3,094
RB-12 Zoodet El Harth RB-13 Zood Loshichi RB-14 Chouchet Nagga RB-15 Outays	278 9 6 2 3 106 68 1,221 658 27 3 5 89 60 1,633 406 17 2 58 50 1,541 459 23 3 5 114 107 2,095 1100 3 3 63 45 793 777 14 6 5 16 212 110 2,018	GB - 21. Telouri GB - 22. Hammi oues GB - 23. Hüres hamne GB - 24. Bodhima I GB - 25. Bodhima 2 GB - 36. Kaebayd GB - 27. Ben Onlouf	90 37 77 306 142 301 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 399 230 36 10 164 30 2,119 1,000 240 418 70 34 300 134 4,007 254 136 173 12 36 319 142 3,094
RE-12 Zapelet El Harth RB-13 Ziret Loshichi RB-14 Chouchet Nagga RB-15 Ourtaya RB-16 Jo5da	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,533 408 17 2 58 50 1,541 459 23 3 5 114 107 2,095 100 3 3 63 43 793	GB - 21 Tekouf GB - 22 Hammi ousia GB - 23 Müres hemme GB - 24 Bothime I GB - 25 Bothime 2 GB - 26 Khehayet	90 37 77 306 142 308 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 220 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 300 134 4,067 254 136 173 12 36 319 142 3,054 636 176 239 25 84 974 435 7,560
RB-12 Zoodet El Harth RB-13 Zood Loshichi RB-14 Chouchet Nagga RB-15 Outays	278 9 6 2 3 106 68 1,221 658 27 3 5 89 60 1,533 408 17 2 58 50 1,541 459 23 3 5 114 197 2,005 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 56 2,784	GB - 21 Tekouri GB - 22 Harmin össäs GB - 23 Mürne hamme GB - 24 Bochlims I GB - 25 Bochlims 2 GB - 27 Boc Oktlouf GB - 27 Boc Oktlouf GB - 28 Gibb Dokhane	90 37 77 306 142 308 144 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 33 2,119 1,000 240 418 70 34 300 134 4,067 254 136 173 13 36 319 142 3094 636 176 239 25 84 974 435 7,560 201 184 20 60 34 1,830
RB-12 Zaoriet El Harth RB-13 Ziret Lochichi RB-14 Chouchet Nagga RB-15 Ourtaya RB-16 Joshia RB-17 Mensoura	278 9 6 2 3 106 68 1,721 658 27 3 5 99 60 1,653 408 17 2 58 50 1,543 459 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 55 2,744 428 17 7 84 78 1,665	GB - 21 Teleouri GB - 22 Harmin South GB - 23 Martins hamme GB - 24 Bechlims I GB - 25 Bechlims 2 GB - 36 Khekayd GB - 27 Ben Ordford GB - 28 Gib Dekhane GB - 29 Oved Nekhlis	90 37 77 506 142 301 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 33 2,119 1,059 220 418 70 34 500 134 4,057 254 136 173 12 36 319 142 3,094 656 176 239 25 84 974 435 7,560 201 134 45 5 90 54 3,06 110 45 275 293 439 24 41 374 1354 610 113 51 775 12 10 161 78 1,189
KB-12 Zaoriet El Harth KB-13 Ziret Loshichi KB-14 Chouchel Naga KB-15 Ourtaja KB-16 Jo5da KB-17 Mansoura KB-18 Rabta	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 206 56 2,744 426 17 7 8 4 78 1,565 918 6 2 5 395 109 1,554	GB - 21 Teleouri GB - 22 Harmin South GB - 23 Marine Nomme GB - 24 Bechlins I GB - 25 Bechlins 2 GB - 26 Knebayd GB - 27 Ben Ortiforf GB - 28 Gbb Dekhane GB - 29 Oved NAMa GB - 30 Arrans GB - 31 March 1 GB - 32 March 2	90 37 77 306 142 308 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 83 2,119 1,000 240 418 70 34 300 134 4,067 254 136 173 13 36 319 142 3,064 656 176 239 25 84 974 435 7,560 201 134 20 60 34 1,830 110 45 5 90 54 306 275 293 439 24 41 374 154 619 113 51 73 12 10 161 78 1,189 232 58 1,371 35 19 357 146 4,648
KB-12 Zooiet El Harth KB-13 Zeot Lonhichi KB-14 Chouchet Negge KB-15 Outley: KB-16 JoSide KB-17 Massoura KB-18 Raba KB-19 Teinine	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 459 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 56 2,744 424 17 7 84 78 1,695 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 1365 585 38 19 25 266 348 3,290 628 32 12 16 310 130 2,664	GB - 21 Teleouri GB - 22 Harmin south GB - 23 Harmin south GB - 24 Bechlims I GB - 25 Bechlims 2 GB - 26 Khekayd GB - 27 Ben Ortiford GB - 28 Gib Dekhane GB - 29 Oved Nekhla GB - 30 Armin GB - 31 March 1 GB - 32 March 2 GB - 33 March 2	90 37 77 306 142 308 124 406 12 5 150 78 486 2231 238 24 15 919 410 4919 339 230 36 10 164 83 2,119 1,009 220 453 98 41 166 31 2,449 1,040 240 418 70 34 300 834 4,067 224 136 173 12 36 319 142 3,094 436 176 239 25 84 974 433 7,560 221 134 20 60 34 1,800 110 45 5 90 54 306 125 203 439 24 41 374 154 610 113 51 773 12 10 161 78 1,189 232 58 1,371 35 19 337 146 4,648 38 75 75 122 48 625
RB-12 Zawiet El Harth RB-13 Zeet Leshihi RB-14 Chouchet Nagge RB-15 Outops RB-16 Jeside RB-17 Mensoura RB-18 Robin RB-19 Telnice RB-20 Tenbib RB-21 Tenbib RB-22 Linuques	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 459 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 206 56 2,744 424 17 7 8 4 78 1,565 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 1,965 585 38 10 25 726 248 1,290 585 32 12 16 310 150 2,664 304 14 3 3 99 68 2,377	GB - 21 Teloud GB - 22 Harms busin GB - 23 Harms busin GB - 23 Harms busin GB - 24 Booklinu 2 GB - 25 Booklinu 2 GB - 27 Boo Ordibut GB - 27 Boo Ordibut GB - 29 Owel Nekhla GB - 30 Amm GB - 31 March 3 GB - 33 March 3 GB - 33 March 3	90 37 77 306 142 308 144 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 220 36 10 164 33 2,119 1,059 220 453 98 41 166 81 2,449 1,000 240 418 70 34 500 134 4,067 254 136 173 12 36 319 142 3,054 636 176 239 25 84 974 435 7,560 201 134 20 60 34 1,830 110 45 5 90 54 3,066 110 45 5 90 54 3,066 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 113 51 773 12 10 161 78 1,189 114 115 115 115 115 115 115 115 115 115
RB-12 Zowiet El Harth RB-13 Zord Loshibil RB-14 Choudet Nagge RB-15 Josha RB-16 Josha RB-17 Messoura RB-18 Babh RB-19 Teinine RB-10 Tenbib RB-12 Tomber RB-22 Limagica RB-13 Marsa Neji	278 9 6 2 3 106 68 1,221 658 27 3 5 49 60 1,533 408 17 2 58 50 1,541 499 23 3 5 114 407 2,695 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 56 2,244 424 17 7 84 78 1,695 918 6 2 5 395 109 1,554 1,201 32 38 2 34 4,445 145 1,565 585 38 19 25 266 348 3,290 628 32 12 16 310 150 2,664 334 14 3 3 99 63 2,237 567 10 7 3 79 63 1,733	GB - 21 Telouri GB - 22 Harms outs GB - 23 Marins hams GB - 24 Bothims I GB - 25 Bothims 2 GB - 26 Keebayd GB - 27 Bot Oribot GB - 28 Gbb Dothane GB - 39 Outol NotAla GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 5 GB - 35 March 5 GB - 34 March 5	90 37 777 306 142 308 124 405 12 5 150 78 886 2231 238 24 15 519 410 8,919 399 220 36 10 164 39 2,119 1,059 220 418 70 34 500 134 4,057 254 136 173 12 36 319 142 3,054 656 176 239 25 84 974 435 7,560 201 134 5 5 90 54 3,06 110 45 275 203 439 24 41 374 354 610 110 45 5 90 54 3,06 110 45 275 203 439 24 41 374 354 610 113 51 775 12 10 161 78 1,189 232 58 1,371 35 19 357 146 4,648 138 75 66 64 22 277 123 2,414 128 135 291 23 19 243 89 3,196
RB-12 Zowiet El Harth RB-13 Zord Loshichi RB-14 Chouchet Naga RB-15 Josida RB-17 Marsoura RB-18 Rabia RB-19 Telnine RB-20 Tenbib RB-21 Tomber RB-22 Limagies RB-26 Outh El Fabia RB-26 Outh El Fabia RB-27 Outh El Fabia RB-28 Outh El Fabia	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,653 408 17 2 58 50 8,548 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 265 56 2,744 424 17 7 84 78 1,665 918 6 2 5 395 109 1,954 1,201 32 38 2 34 4,445 145 1,965 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 304 14 3 3 9 9 68 2,377 367 10 2 3 79 63 1,233 2 308 10 3 3 138 88 1,291	GB - 21 Telecuti GB - 22 Harmin south GB - 23 Martine hamme GB - 24 Bechlims I GB - 25 Bechlims 2 GB - 26 Knebayet GB - 27 Ben Orbitoti GB - 28 Gib Dekhane GB - 39 Arram GB - 30 Arram GB - 31 March 1 GB - 32 March 2 GB - 33 March 5 GB - 34 March 5 GB - 34 March 5 GB - 36 Zent 2	90 37 77 306 142 308 144 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 83 2,119 1,000 240 418 70 34 300 134 4,067 254 136 173 13 36 319 142 3,064 636 176 239 25 84 974 435 7,560 201 134 20 60 34 1,830 110 45 5 90 54 306 275 293 439 24 41 374 154 619 113 51 73 12 10 161 78 1,189 232 58 1,371 35 19 357 146 4,648 33 75 75 15 122 48 625 16 136 676 64 22 277 123 48 625 128 135 291 23 19 243 89 3,196 151 121 1,327 48 25 399 152 3,619
RB-12 Zowiet El Kurth RB-13 Zord Loubith RB-15 Country: RB-15 Country: RB-15 Joseph RB-17 Memourn RB-19 Teleste RB-10 Tenth RB-10 Tenth RB-12 Limagion RB-22 Limagion RB-23 Marris Noji RB-24 Septint	278 9 6 2 3 106 68 1,221 658 27 3 5 29 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,995 100 3 3 63 45 793 777 14 6 5 16 212 110 2018 728 38 3 5 266 55 2,764 424 17 7 84 78 1,665 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 146 1,965 555 38 19 25 266 208 3,290 628 32 12 16 310 130 2,664 304 14 3 3 99 61 2,377 567 10 7 3 79 63 1,733 2 304 10 3 3 138 88 1,791 2 304 10 3 3 138 88 1,791 455 19 3 6 95 71 2,337	GB - 21 Teleouri GB - 22 Harmin south GB - 23 Harmin south GB - 24 Bechlims I GB - 25 Bechlims 2 GB - 26 Khekayd GB - 27 Ben Ortiford GB - 28 Gib Dekhane GB - 29 Oved Nekhla GB - 30 Armin GB - 31 March 2 GB - 31 March 2 GB - 33 March 2 GB - 34 March 5 GB - 35 March 6 GB - 35 March 6 GB - 35 Zenhi 2 GB - 37 Zekine I et 3	90 37 777 306 142 308 142 308 144 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 399 220 36 10 164 33 2,119 1,029 220 453 98 41 166 31 2,449 1,000 240 418 70 34 300 134 4,067 254 136 173 12 36 319 142 3,094 636 176 239 25 84 974 435 7,560 201 134 20 60 34 1,830 120 130 45 130 130 130 130 130 130 130 130 130 130
RB-12 Zawiet El Harth RB-13 Zeet Leshihi RB-14 Choudet Naga RB-16 Doutes RB-16 Jedide RB-17 Mersours RB-18 Telnice RB-10 Tenbib RB-11 Tenbib RB-21 Limagues RB-23 Matria Neji RB-25 Sedine RB-25 Sedine	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 506 55 2,744 424 17 7 84 78 1,565 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 1,565 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 1,565 585 38 10 25 726 248 2,700 628 32 12 16 310 150 2,664 304 14 3 3 99 68 2,377 367 10 7 3 79 63 1,733 2 508 10 3 3 138 88 1,791 455 19 3 6 95 71 2,337 34 21 6 2 8 48 88 582	GB - 21 Teloud GB - 22 Harms outs GB - 23 Harms outs GB - 24 Harms outs GB - 24 Bookins 1 GB - 25 Bookins 2 GB - 26 Keekayd GB - 27 Bookins 2 GB - 28 Gbb Dokhane GB - 29 Outs NeXMs GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 5 GB - 34 March 5 GB - 35 Zeni 2 GB - 37 Zekine 1 et 3 GB - 37 Zekine 1	90 37 777 506 142 508 142 201 144 405 12 5 150 78 886 2231 238 24 15 519 410 8,919 339 220 36 10 164 30 2,119 1,005 220 453 98 41 166 81 2,449 1,004 240 418 70 34 500 134 4,007 254 136 179 12 36 319 142 3,054 656 176 239 25 84 974 435 7,560 201 134 20 60 34 1,830 110 45 5 90 54 3,06 110 45 5 90 54 3,06 111 51 775 12 10 161 78 1,189 232 58 1,371 35 19 337 146 4,641 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 12 10 161 78 1,189 138 75 75 122 18 1,189 139 139 139 139 139 139 139 139 139 13
RB-12 Zowiet El Harth RB-13 Zord Loshichi RB-14 Chouchet Nagge RB-15 Jostop RB-16 Jostop RB-18 Rabs RB-19 Feinstee RB-20 Tenbib RB-21 Tomber RB-22 Josephan Neji RB-23 Marrai Neji RB-24 Com El Ferbi et RB-25 Sejdine RB-25 Sejdine RB-26 Bargboutha	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,653 408 17 2 58 50 1,554 459 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 56 2,744 424 17 7 84 78 1,695 918 6 2 5 095 109 1,954 1,201 52 38 2 34 1,445 145 145 145 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 34 4 3 3 99 68 2,377 347 10 7 3 7 9 63 1,733 2 204 10 3 3 138 88 1,791 435 19 3 6 95 71 2,337 14 21 6 2 8 485	GB - 21 Telouri GB - 22 Harms oxes GB - 23 Marins hamme GB - 24 Bookins I GB - 25 Bookins 2 GB - 26 Kackayet GB - 27 Boo Ortionf GB - 28 Gib Dokhane GB - 39 Oxes Nathla GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 5 GB - 35 March 5 GB - 35 March 5 GB - 36 Zent 2 GB - 37 Zerkine I et 3 GB - 31 Zerkine 1 GB - 31 Zerkine 2 GB - 37 Appane Zerkine	90 37 77 306 142 301 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 399 230 36 10 164 39 2,119 1,059 220 418 70 34 300 134 4,057 254 136 173 12 36 319 142 3,094 456 176 239 25 84 974 435 7,560 201 134 4 20 60 34 1,830 130 45 275 29 3 39 24 1 374 35 7,560 201 134 5 175 12 10 161 78 1,189 232 58 1,371 35 19 357 146 4,648 33 75 75 122 48 625 156 136 676 64 22 277 123 2,414 128 135 291 23 19 241 29 3,196 151 121 1,327 48 25 399 152 3,519 151 121 1,327 48 25 399 152 3,519 161 124 236 25 58 45 590
RB-12 Zowiet El Harth RB-13 Zord Loshichi RB-14 Chouchet Naga RB-15 Josta RB-15 Josta RB-17 Massoura RB-18 Rabta RB-19 Telestre RB-20 Tenche RB-21 Tomber RB-22 Umegies RB-24 Own El Farch 1 et RB-25 Septical RB-25 Septical RB-25 Septical RB-25 Begboothis RB-26 Begroothis RB-27 Begboothis	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,653 408 17 2 58 50 1,544 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 123 38 3 5 265 55 2,744 424 17 7 84 78 1,685 918 6 2 5 395 109 1,954 1,201 32 38 2 34 1,445 145 1,965 585 38 19 25 2,66 2,48 3,290 628 32 12 16 310 150 2,664 304 14 3 3 99 68 2,377 367 10 2 3 79 63 1,733 2 504 10 3 3 138 88 1,291 455 19 3 6 95 71 2,337 14 21 6 2 8 48 88 592 278 9 3 5 344 98 885 674 46 33 3 14 36 14,275	GB - 21 Teloud GB - 22 Harms outs GB - 23 Harms outs GB - 24 Harms outs GB - 24 Bookins 1 GB - 25 Bookins 2 GB - 26 Keekayd GB - 27 Bookins 2 GB - 28 Gbb Dokhane GB - 29 Outs NeXMs GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 5 GB - 34 March 5 GB - 35 Zeni 2 GB - 37 Zekine 1 et 3 GB - 37 Zekine 1	90 37 77 506 142 301 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 399 230 36 10 164 33 2,119 1,059 230 453 98 41 166 31 2,449 1,040 240 418 70 34 300 134 4,057 254 136 173 12 36 319 142 3,094 656 176 239 25 84 974 435 7,560 201 134 5 5 90 54 306 275 290 439 24 41 374 154 610 110 45 5 90 54 306 275 290 439 24 41 374 154 610 113 51 775 12 10 161 78 1,189 232 58 1,371 35 19 337 146 4,648 33 75 75 122 48 625 16 136 676 64 22 277 123 2,414 124 135 291 23 19 241 49 3,196 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 121 1,327 48 25 990 152 3,519 151 124 236 5 5 58 45 590
RB-12 Zowiet El Harth RB-13 Zoet Loshithi RB-15 Couchet Nagge RB-15 Ourtogs RB-16 Josida RB-17 Mensoura RB-19 Telesice RB-10 Tenbib RB-19 Telesice RB-12 Limagues RB-12 Limagues RB-13 Marra Noji RB-12 Ourte Fenh 1 et RB-12 Saidere RB-12 Bergboordia RB-12 Bergboordia RB-12 Bergen	278 9 6 2 3 106 68 1,221 658 27 3 5 29 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,995 100 3 3 63 45 793 777 14 6 5 16 212 110 2018 728 38 3 5 266 55 2,764 424 17 7 8 4 78 1,665 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 146 1,965 553 38 19 25 266 20 81 3,900 628 32 12 16 310 130 2,664 304 14 3 3 99 61 2,377 567 10 7 3 79 63 1,733 2 304 10 3 3 138 88 1,791 4,555 19 3 6 95 71 2,337 74 21 6 2 8 48 88 592 277 9 3 5 584 98 885 678 46 33 3 14 36 12,75 713 5 6 2 21 384 98 4,666	GB - 21 Televari GB - 22 Harmin south GB - 23 Martina Bramme GB - 24 Berthina I GB - 25 Berthina 2 GB - 26 Kackayai GB - 27 Bert Orbitoni GB - 28 Gab Dekhane GB - 29 Oved Nekhla GB - 30 Arram GB - 30 March 2 GB - 31 March 3 GB - 31 March 5 GB - 33 March 5 GB - 33 March 6 GB - 34 March 5 GB - 37 Zerkine I et 3 GB - 39 Ayrone Zerkine GB - 40 Medicia	90 37 77 306 142 308 142 405 12 5 150 78 886 2231 238 24 15 919 410 8.919 339 230 36 10 164 83 2.119 1,000 240 418 70 34 300 134 4.067 254 136 173 13 36 319 142 3094 656 176 239 25 84 974 435 7,560 201 134 20 60 34 1.830 110 45 5 90 54 306 275 290 349 24 41 374 374 154 610 113 51 73 12 10 161 78 1.189 232 58 1,371 35 19 357 146 4.648 33 75 75 15 121 48 625 16 136 676 64 22 277 223 2416 151 121 1,327 48 25 399 152 3,619 66 82 933 25 70 197 94 1,536 26 90 1,062 12 10 58 45 590 162 3,619 66 82 933 25 70 197 94 1,536 26 90 1,062 12 10 58 45 590 162 26 90 1,062 12 10 58 45 590 162 26 90 1,062 12 10 58 45 590 162 26 90 1,062 12 10 58 45 590 162 26 90 1,062 12 10 58 45 590 162 26 55 58 45 590 166 57 452 17 129 58 330
RB-12 Zowiet El Harth RB-13 Zord Loshibil RB-14 Chouded Naga RB-15 Outops RB-16 Jedide RB-17 Mensoura RB-19 Teleside RB-19 Teleside RB-10 Tenbib RB-21 Tenbib RB-22 Limagues RB-23 Marna Neji RB-25 Sedder RB-26 Sedder RB-27 Berghoedus RB-27 Berghoedus RB-28 Berge RB-29 Bedelii RB-30 Bidere	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,995 100 3 3 63 45 793 777 14 6 5 16 212 110 2618 728 38 3 5 266 56 2,744 424 17 2 84 78 1,665 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 146 1,566 1,201 32 38 2 34 1,445 146 1,566 515 32 12 16 310 150 2,664 304 14 3 3 99 61 2,377 567 10 7 3 79 63 1,233 2 904 10 3 3 3 138 88 1,791 435 19 3 6 95 71 2,337 74 21 6 2 8 48 88 982 273 9 3 5 384 98 885 674 45 33 3 14 36 12,75 713 5 6 2 21 384 98 1,666	GB - 21 Tetouri GB - 22 Harmi oues GB - 23 Harmi oues GB - 23 Harmi oues GB - 24 Boothina 1 GB - 25 Boothina 2 GB - 26 Khetayet GB - 27 Boo Orelouf GB - 28 Gbb Dokhane GB - 29 Oues Nchilla GB - 39 March 2 GB - 30 March 2 GB - 31 March 3 GB - 34 March 5 GB - 35 March 5 GB - 36 Zent 2 GB - 31 Zerkine 1 et 3 GB - 31 Zerkine 2 GB - 31 Zerkine 2 GB - 31 Zerkine 2 GB - 39 Ayoune Zerkine GB - 40 Medicia GB - 41 Kestau 1	90 37 777 306 142 308 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 220 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 500 34 4,067 254 136 173 12 36 319 142 3,054 636 176 239 25 84 974 435 7,560 261 134 20 60 34 1,830 110 45 5 90 54 306 113 51 773 12 10 161 78 1,189 122 58 1,371 35 19 357 146 648 133 75 75 12 10 161 78 1,189 134 156 676 64 22 277 123 2,416 128 135 291 23 19 241 89 3,196 151 171 1,327 48 25 399 152 3,519 16 12 933 25 70 197 94 1,536 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 45 590 18 24 236 5 78 452 17 129 51 300
RB-12 Zowiet El Harth RB-13 Zord Loshichi RB-14 Chouchet Nagge RB-15 Jostop RB-16 Jostop RB-18 Fabba RB-19 Felmine RB-10 Tembre RB-10 Tembre RB-10 Tembre RB-20 London RB-21 London RB-22 Marga Neji RB-23 Marga Neji RB-24 Com El Ferbi 1 et RB-25 Suddine RB-26 Saddine RB-27 Bargneothia RB-28 Bargne RB-29 Begbrothia RB-28 Bargne RB-29 Begbrothia RB-28 Bargne RB-29 Begbrothia RB-29 Begbrothia RB-20 Bedeni RB-30 Biddine RB-30 Biddine	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 506 55 2,744 424 17 7 8 4 78 1,565 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 1,565 585 38 10 25 766 248 145 146 1,565 585 38 10 25 766 248 126 304 14 3 3 99 68 2,377 367 10 7 3 79 63 1,733 2 508 10 3 3 138 8 1,791 455 19 3 6 95 71 2,337 367 10 2 3 79 63 1,733 2 508 10 3 3 138 8 1,791 455 19 3 6 95 71 2,337 367 26 2 8 48 88 582 273 9 3 5 384 98 885 674 86 33 3 14 36 125 273 5 6 2 21 384 98 885 674 86 33 3 14 36 125	GB - 21 Telouri GB - 22 Harms outs GB - 23 Marine hamme GB - 24 Bookinu 1 GB - 25 Bookinu 2 GB - 26 Kackayei GB - 27 Boo Critical GB - 28 Gbb Dokhane GB - 29 Outol NokMa GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 5 GB - 35 March 5 GB - 35 Zerbir 2 GB - 37 Zerbire 1 et 3 GB - 38 Zerbir 2 GB - 39 Aysune Zorkina GB - 40 Modata GB - 41 Karkau 1 GB - 42 Karkau 1 GB - 42 Karkau 1	124 405 12 5 150 78 886 2,231 238 24 15 919 410 8,919 339 230 36 10 164 33 2,119 1,029 220 453 98 41 166 81 2,449 1,040 240 418 70 34 500 34 4,067 254 136 173 12 36 319 142 3,094 636 176 239 25 84 974 435 7,560 201 134 20 60 34 1,890 110 45 5 90 54 610 125 203 439 24 41 374 154 610 113 51 773 12 10 161 78 1,189 222 58 1,371 35 19 357 146 648 135 275 275 12 10 161 78 1,189 146 136 676 64 22 277 23 2,416 128 135 291 23 19 241 89 3,196 151 121 1,327 48 25 390 152 3,519 64 82 933 25 70 197 94 1,536 256 90 1,062 12 10 58 45 590 16 76 745 22 14 158 71 54 131 1,046 78 20 58 13 17 188 722 56 144 156 78 18 227 222 56 542 154 208 207 227 225 25 242 30 110 277 222 56 544 104 43 21 110 277 222 56 544 156 154 208 207 227 256 542 154 208 207 227 225 56 542 154 208 207 227 225 256 342 154 208 207 227 225 256 342 154 208 207 227 225 256 344 344 208 207 207 207 207 208 208 208 208 208 209 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200
RB-12 Zowiet El Harth RB-13 Zord Loshichi RB-14 Chouchet Nagge RB-15 Jostop RB-16 Jostop RB-18 Fabba RB-19 Felmine RB-10 Tembre RB-10 Tembre RB-10 Tembre RB-20 London RB-21 London RB-22 Marga Neji RB-23 Marga Neji RB-24 Com El Ferbi 1 et RB-25 Suddine RB-26 Saddine RB-27 Bargneothia RB-28 Bargne RB-29 Begbrothia RB-28 Bargne RB-29 Begbrothia RB-28 Bargne RB-29 Begbrothia RB-29 Begbrothia RB-20 Bedeni RB-30 Biddine RB-30 Biddine	278 9 6 2 3 106 68 1,721 658 27 3 5 99 60 1,653 408 17 2 58 50 1,554 409 13 2 58 50 1,554 409 13 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 265 56 2,744 424 17 7 84 78 1,685 918 6 2 5 395 109 1,954 1,201 32 38 2 34 1,445 145 1,965 585 38 10 25 266 248 3,200 628 32 12 16 310 150 2,654 304 14 3 3 99 61 2,377 367 10 7 3 79 65 12,373 37 10 7 3 79 65 12,373 2 308 10 3 3 138 88 1,291 435 19 3 6 95 71 2,337 2 308 10 3 3 138 88 1,291 435 19 3 6 95 71 2,337 74 21 6 2 8 48 89 592 273 9 3 5 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 185 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 185 406 5 3 8 384 782	GB - 21 Telouri GB - 22 Harmin South GB - 23 Marina huma GB - 24 Bothima 1 GB - 25 Bothima 2 GB - 26 Knebayat GB - 27 Both Orbitoli GB - 27 Both Orbitoli GB - 30 Arran GB - 30 Arran GB - 30 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 5 GB - 35 March 5 GB - 36 Zant 2 GB - 37 Zarkine 1 et 3 GB - 38 Zarkine 2 GB - 39 Zarkine 2 GB - 40 Modaria GB - 41 Katawa 1 GB - 42 Kerima 3 GB - 43 Kerima 4	90 37 777 306 142 308 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 220 36 10 164 33 2,119 1,059 220 453 98 41 166 81 2,449 1,040 240 418 70 34 300 134 4,067 254 136 173 12 36 319 142 3,094 636 176 239 25 84 974 435 7,560 201 134 20 60 34 1,830 110 45 5 90 54 306 111 51 773 12 10 161 78 1,189 222 58 1,371 35 19 357 146 4,641 133 75 75 12 10 161 78 1,189 232 58 1,371 35 19 357 146 4,641 133 75 75 12 10 161 78 1,189 133 75 75 12 10 161 78 1,189 134 135 676 64 22 277 123 2,414 124 135 291 23 19 244 19 3,196 151 171 2,327 48 25 399 152 3,619 16 12 933 25 70 197 94 1,536 236 90 1,062 12 10 58 45 590 16 29 33 25 70 197 94 1,536 236 90 1,062 12 10 58 45 590 16 34 236 5 58 45 590 16 76 745 22 14 138 71 54 131 1,046 78 20 58 13 17 148 722 56 14 110 43 21 19 277 722 55 342 156
RB-12 Zawiet El Harth RB-13 Zeet Lashithi RB-15 Couchet Nagga RB-15 Ourtags RB-15 Josto RB-19 Mensoura RB-19 Telesice RB-10 Tenbb RB-21 Umaginz RB-22 Umaginz RB-23 Marral Noji RB-24 Ovin El Ferb 1 et RB-25 Saidare RB-29 Beghouthi RB-26 Saidare RB-27 Beghouthi RB-28 Bezna RB-29 Bedehi RB-30 Biddere RB-31 Zeelnie RB-31 Zeelnie RB-32 Jeenna	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,543 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 228 38 3 5 266 56 2,744 424 17 7 84 78 1,695 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 12,695 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 304 14 3 3 99 68 2,377 367 10 2 3 79 63 1,733 2 308 10 3 3 138 88 1,791 4 26 6 2 8 48 88 992 77 14 26 6 2 8 48 88 992 77 19 3 5 34 98 88 57 71 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12,75 713 5 6 2 21 384 98 885 406 5 3 8 384 258 1,062 369 3 2 134 782	GB - 21 Telouri GB - 22 Harms outs GB - 23 Marins hamme GB - 24 Bothims I GB - 25 Bothims 2 GB - 26 Knebayet GB - 27 Gan Chilouf GB - 28 Gab Dothane GB - 39 Outol NotAlia GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 5 GB - 35 March 6 GB - 35 March 6 GB - 36 Zant 2 GB - 37 Zettine 1 d 3 GB - 38 Testine 2 GB - 39 Ayoune Zorkine GB - 40 Modula GB - 41 Kataua 1 GB - 42 Kettaua 3 GB - 43 Kettaua 4 GB - 45 Kettaua 4 GB - 45 Kettaua 4 GB - 46 Ghandri	90 37 777 306 142 308 124 405 12 5 150 78 886 2231 238 24 15 519 410 8,919 339 230 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 300 134 4,057 254 136 173 12 36 319 142 3,054 656 176 239 25 84 974 435 7,560 201 134 5 5 90 54 3,06 110 45 5 90 54 3,06 110 45 275 293 439 24 41 374 354 610 113 51 775 12 10 161 78 1,189 232 58 1,371 35 19 357 146 4,648 33 75 16 136 676 64 22 277 123 2,414 128 135 291 23 19 243 19 3,196 151 121 2,327 48 25 399 152 3,619 161 26 8 90 1,062 12 10 58 45 590 164 376 176 176 176 176 176 176 176 177 176 176
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RB-12 Zawiet El Harth RB-13 Zeet Lashithi RB-14 Couchet Nagge RB-15 Ourtogs RB-16 Josida RB-17 Mensoura RB-19 Telmice RB-10 Tenbib RB-19 Telmice RB-10 Tenbib RB-21 Limagues RB-22 Limagues RB-23 Marras Noji RB-26 Ourte Famb 1 et RB-27 Despondia RB-28 Saidane RB-28 Saidane RB-29 Bespondia RB-29 Bespondia RB-29 Bespondia RB-20 Saidane RB-21 Zarnine RB-23 Jonna RB-33 Hourta RB-33 Hourta RB-33 Hourta RB-33 Hourta RB-33 Hourta RB-33 Saidane RB-39 Saidane RB-39 Saidane RB-39 Saidane RB-39 Biderte RB-31 Zarnine RB-33 Hourta RB-33 Biderte RB-35 RB-36 RB	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,553 408 17 2 58 50 1,554 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 28 38 3 5 266 56 2,764 424 17 7 8 7 8 71 1,695 918 6 2 5 395 109 1,554 1,201 32 38 2 34 1,445 145 1365 585 38 10 25 266 348 3,290 628 32 12 16 310 130 2,664 304 14 3 3 99 61 2,370 628 32 12 16 310 130 2,664 304 14 3 3 99 61 2,377 367 10 7 3 79 63 1,733 2 308 10 3 3 138 88 1,791 4 21 6 2 8 48 88 992 273 9 3 5 344 98 885 674 86 33 3 14 36 12.75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12.75 713 5 6 2 21 384 98 885 674 86 33 3 14 36 12.75 713 5 6 2 21 384 98 885 406 5 3 8 384 258 1,082 369 3 2 138 782 466 19 3 11 659 161 4,611 431 5 3 2 5 396 149 1,923 448 99 2 13 294 1333 2,882 457 5 10 11 136 24 2,518 1,446 42 19 19 368 309 3,092	GB - 21 Tetouri GB - 22 Harms outs GB - 23 Harms outs GB - 23 Harms outs GB - 24 Harms outs GB - 25 Bookins 1 GB - 25 Bookins 2 GB - 26 Khetayet GB - 26 Khetayet GB - 27 Gb Dokhane GB - 29 Outs Nchills GB - 29 Outs Nchills GB - 30 March 2 GB - 31 March 2 GB - 31 March 2 GB - 32 March 2 GB - 33 March 5 GB - 34 March 5 GB - 35 March 5 GB - 36 March 6 GB - 36 Zent 2 GB - 37 Zerkine 1 et 3 GB - 38 Zerkine 2 GB - 39 Ayoner Zerkine GB - 40 Medicis GB - 41 Ketau 1 GB - 42 Ketau 1 GB - 42 Ketau 1 GB - 43 Ketau 1 GB - 44 Ketau 1 GB - 44 Larach 1 GB - 48 Larach 1	90 37 77 506 142 308 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 500 34 4,067 254 136 173 12 36 319 142 3,054 636 176 239 25 84 974 435 7,560 261 134 20 60 34 1,830 110 45 5 90 54 306 113 51 773 12 10 161 78 1,189 122 58 3,371 35 19 357 146 6,64 113 51 773 12 10 161 78 1,189 122 58 3,371 35 19 357 146 6,64 123 136 676 64 22 277 123 2,414 124 135 291 23 19 244 89 3,196 151 171 1,327 48 25 399 152 3,961 16 12 933 25 20 197 94 1,536 16 12 933 25 20 197 94 1,536 16 76 745 22 14 158 71 18 24 236 5 58 45 590 16 76 745 22 14 158 71 17 148 722 56 14 110 43 21 110 277 282 56 14 110 43 21 110 277 282 56 542 154 124 320 5 5 34 134 17 148 722 56 14 110 43 21 110 277 282 55 542 154 124 372 20 58 33 599 35 18 157 89 46 60
RB-12 Zowiet El Harth RB-13 Zord Loshibil RB-14 Chouded Naga RB-15 Coutags RB-16 Jedide RB-17 Mersours RB-18 Telnine RB-19 Telnine RB-19 Telnine RB-19 Telnine RB-19 Telnine RB-19 Harth RB-21 Limagues RB-23 Marna Neji RB-24 Own El Farbi 1 et RB-25 Seldine RB-26 Seldine RB-27 Barghouth RB-28 Seldine RB-29 Berna RB-29 Berlai RB-39 Didore RB-31 Zerdine RB-39 Jenna RB-39 Jenna RB-39 Jenna RB-39 Jenna RB-39 Mouth RB-36 Maria RB-37 Seldine RB-39 Seldine RB-31 Zerdine RB-39 Jenna RB-39 Jenna RB-39 Jenna RB-39 Seldine RB-31 Zerdine RB-31 Zerdine RB-33 Jenna RB-35 Rahma RB-35 Seldine RB-35 Seldine RB-35 Seldine RB-36 Seldine RB-37 Seldine RB-37 Seldine RB-38 Sel	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,653 408 17 2 58 50 1,554 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 56 2,744 424 17 7 84 78 1,665 918 6 2 5 795 109 1,954 1,201 32 38 2 34 1,445 145 145 1,965 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 304 14 3 3 99 68 2,377 307 10 7 3 79 65 1,233 2 201 10 3 3 138 88 1,791 435 19 3 6 95 71 2,337 14 21 6 2 8 48 88 1291 273 9 3 5 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 713 5 3 2 5 396 149 1,923 488 9 2 13 294 133 2,882 497 5 10 11 1,36 24 2,518 1,444 42 19 19 368 309 3,092 307 28 13 8 192 124 2,103	GB - 21 Telouri GB - 22 Harmin outs GB - 23 Harmin outs GB - 23 Harmin outs GB - 24 Borblina I GB - 25 Borblina 2 GB - 26 Knebayd GB - 27 Borblina 2 GB - 26 Knebayd GB - 27 Borblina 2 GB - 30 Armin GB - 30 Armin GB - 30 Armin GB - 31 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 3 GB - 35 March 5 GB - 36 March 5 GB - 37 Zerbine I et 3 GB - 38 Zerbine 2 GB - 39 Zerbine I et 3 GB - 34 Zerbine 3 GB - 34 Katau 1 GB - 42 Katau 1 GB - 43 Katau 4 GB - 44 Sidi Scham GB - 45 Zerg Barnata GB - 45 Zerg Barnata GB - 46 Charbin GB - 47 Larach 1	90 37 777 306 142 308 124 405 12 5 150 78 886 2.231 238 24 15 919 410 8,919 339 220 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 300 134 4,067 254 136 173 12 36 319 142 3,094 636 176 239 25 84 974 435 7,560 201 134 20 60 34 1,850 110 45 5 90 54 306 125 203 439 24 41 374 154 610 113 51 773 12 10 161 78 1,189 232 54 1,371 35 19 357 146 4,648 133 75 75 16 136 676 64 22 277 123 2,414 124 135 291 23 19 241 89 3,196 151 121 1,3327 48 25 399 152 3,519 161 82 933 25 70 197 94 1,536 162 96 0 1,062 12 10 56 45 590 16 82 933 25 70 197 94 1,536 16 16 76 745 22 14 156 71 17 118 722 56 14 156 71 17 118 722 56 14 110 43 21 17 118 722 56 14 110 43 21 190 277 782 56 342 154 20 125 20 125 21 151 127 282 56 14 110 43 21 110 277 782 56 342 154 200 125
RB-12 Zowiet El Harth RB-13 Zord Loshibil RB-14 Chouded Nagge RB-15 Outags RB-16 Jedide RB-17 Mensoura RB-10 Telnitor RB-10 Telnitor RB-10 Telnitor RB-10 Telnitor RB-10 Umagine RB-21 Umagine RB-22 Umagine RB-23 Marria Neji RB-24 Own El Farb 1 el RB-25 Suddine RB-26 Suddine RB-27 Berghoutin RB-28 Suddine RB-29 Bedeni RB-29 Bedeni RB-29 Bedeni RB-31 Zardine RB-31 Zardine RB-33 Mouria RB-33 Mouria RB-34 Masid AB-35 Rabnat RB-36 Rab El Aln RB-36 Rab El Aln RB-37 Soot El Balen RB-38 Bedeni RB-37 Soot El Balen RB-38 Bedeni RB-38 Soot El Balen RB-39 Bed El Aln RB-36 Rab El Aln RB-37 Soot El Balen RB-38 Bed Rab El Aln RB-37 Soot El Balen RB-38 Bed Rab El Aln	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,653 408 17 2 58 50 1,554 409 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 224 17 7 84 78 1,685 918 6 2 5 395 109 1,954 1,201 32 38 2 34 1,445 145 1,965 585 38 10 25 766 248 3,200 628 32 12 16 310 150 2,664 304 14 3 3 9 9 61 2,377 367 10 7 3 3 79 65 2,377 367 10 7 3 3 79 65 2,377 367 10 7 3 3 79 65 1,233 2 308 10 3 3 138 88 1,291 435 19 3 6 95 71 2,337 2 308 10 3 3 138 88 1,291 435 19 3 6 95 71 2,337 2 308 10 3 3 138 88 1,291 435 19 3 6 95 71 2,337 714 21 6 2 8 48 88 592 273 9 3 5 364 98 885 674 86 33 3 14 36 1,275 713 5 6 2 11 384 98 1,666 406 5 3 8 38 44 36 1,275 713 5 6 2 21 384 98 1,666 406 5 3 8 38 49 88 1,666 406 5 3 8 38 42 11 145 1,666 431 5 3 2 5 396 149 1,922 448 9 2 13 294 133 2,842 449 5 5 10 11 136 24 2,518 1,446 42 19 19 568 309 3,692 300 5 6 2 13 916 526 2,134	GB - 21 Telouri GB - 22 Harms outs GB - 23 Harms outs GB - 23 Harms outs GB - 24 Harms GB - 24 Bodins I GB - 25 Bodins 2 GB - 26 Knebayd GB - 27 Bod Ortiouf GB - 28 Gob Dokhane GB - 29 Oved NaMa GB - 30 Arms GB - 31 March 1 GB - 32 March 2 GB - 33 March 3 GB - 34 March 5 GB - 35 March 6 GB - 35 March 6 GB - 36 Zent 2 GB - 37 Zerkine I et 3 GB - 38 Zerkine 2 GB - 39 Apoune Zerkine GB - 40 Modula GB - 41 Katana 1 GB - 42 Ketana 3 GB - 43 Ketana 4 GB - 44 Sidi Schan GB - 45 Zerg Barracia GB - 46 Candoli GB - 47 Larach 1 GB - 48 Larach 1	90 37 777 306 142 308 124 405 12 5 150 78 886 2,231 238 24 15 919 410 8,919 339 230 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 500 134 4,067 254 136 173 12 36 319 142 3,094 636 176 239 25 84 974 435 7,550 201 134 20 60 34 1,890 110 45 5 590 54 306 1275 293 439 24 41 374 154 619 113 51 773 12 10 161 78 1,189 232 58 1,371 35 19 357 146 6,648 133 75 75 12 10 161 78 1,189 232 58 1,371 35 19 357 146 6,648 133 75 73 12 10 161 78 1,189 161 136 676 64 22 277 123 2,414 128 135 291 23 19 241 89 3,196 151 121 1,3327 48 25 399 152 3,519 61 82 983 25 70 197 94 1,536 16 16 76 745 2 17 129 51 330 16 76 745 2 17 129 51 330 16 76 745 2 17 129 51 330 16 76 745 2 17 129 51 330 16 76 745 2 17 129 51 330 16 76 745 2 17 129 51 330 17 188 722 56 14 110 43 21 19 277 282 56 342 155 243 72 20 58 33 599 35 11 187 728 56 342 155 243 72 20 58 33 599 35 11 187 728 56 342 155 243 72 20 58 33 599 35 11 187 728 56 342 155 243 72 20 58 33 599 35 11 160 677 282 56 342 155 243 72 20 58 33 599 35 11 160 677 282 56 342 155 243 157 89 45 60 11 10 277 282 56 342 155 245 157 89 45 60 11 160 6877 21065 1,444 1,593 24,275 9,435 96,263 665
RB-12 Zoniel El Ruth RB-13 Zerd Loshibi RB-15 Oustays RB-15 Joséa RB-17 Mensours RB-19 Telesie RB-19 Telesie RB-19 Telesie RB-22 Limagues RB-13 Marra Nejl RB-24 Oum El Ferb 1 et RB-25 Saiders RB-25 Saiders RB-26 Barra RB-28 Berne RB-29 Berne RB-29 Berne RB-39 Bechti RB-30 Biders RB-31 Zernie RB-33 Hiteria RB-33 Hiteria RB-35 Saiders RB-38 Saiders RB-39 Bechti RB-30 Biders RB-31 Zernie RB-33 Hiteria RB-35 Saiders RB-35 Saiders RB-36 RB-36 RB-36 RB-37 RB-38 RB	278 9 6 2 3 106 68 1,221 658 27 3 5 99 60 1,653 408 17 2 58 50 1,554 499 23 3 5 114 107 2,095 100 3 3 63 45 793 777 14 6 5 16 212 110 2,018 728 38 3 5 266 56 2,744 424 17 7 84 78 1,665 918 6 2 5 795 109 1,954 1,201 32 38 2 34 1,445 145 145 1,965 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 585 38 19 25 266 248 3,290 628 32 12 16 310 150 2,664 304 14 3 3 99 68 2,377 307 10 7 3 79 65 1,233 2 201 10 3 3 138 88 1,791 435 19 3 6 95 71 2,337 14 21 6 2 8 48 88 1291 273 9 3 5 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 885 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 674 46 33 3 14 36 1,275 713 5 6 2 21 384 98 685 713 5 3 2 5 396 149 1,923 488 9 2 13 294 133 2,882 497 5 10 11 1,36 24 2,518 1,444 42 19 19 368 309 3,092 307 28 13 8 192 124 2,103	GB - 21 Tetouri GB - 22 Harms outs GB - 23 Harms outs GB - 23 Harms outs GB - 24 Harms outs GB - 25 Bookins 1 GB - 25 Bookins 2 GB - 26 Khetayet GB - 26 Khetayet GB - 27 Gb Dokhane GB - 29 Outs Nchills GB - 29 Outs Nchills GB - 30 March 2 GB - 31 March 2 GB - 31 March 2 GB - 32 March 2 GB - 33 March 5 GB - 34 March 5 GB - 35 March 5 GB - 36 March 6 GB - 36 Zent 2 GB - 37 Zerkine 1 et 3 GB - 38 Zerkine 2 GB - 39 Ayoner Zerkine GB - 40 Medicis GB - 41 Ketau 1 GB - 42 Ketau 1 GB - 42 Ketau 1 GB - 43 Ketau 1 GB - 44 Ketau 1 GB - 44 Larach 1 GB - 48 Larach 1	90 37 77 506 142 308 124 405 12 5 150 78 886 2231 238 24 15 919 410 8,919 339 230 36 10 164 33 2,119 1,059 220 453 98 41 166 31 2,449 1,040 240 418 70 34 500 34 4,067 254 136 173 12 36 319 142 3,054 636 176 239 25 84 974 435 7,560 261 134 20 60 34 1,830 110 45 5 90 54 306 113 51 773 12 10 161 78 1,189 122 58 3,371 35 19 357 146 6,64 113 51 773 12 10 161 78 1,189 122 58 3,371 35 19 357 146 6,64 123 136 676 64 22 277 123 2,414 124 135 291 23 19 244 89 3,196 151 171 1,327 48 25 399 152 3,961 16 12 933 25 20 197 94 1,536 16 12 933 25 20 197 94 1,536 16 76 745 22 14 158 71 18 24 236 5 58 45 590 16 76 745 22 14 158 71 17 148 722 56 14 110 43 21 110 277 282 56 14 110 43 21 110 277 282 56 542 154 124 320 5 5 34 134 17 148 722 56 14 110 43 21 110 277 282 55 542 154 124 372 20 58 33 599 35 18 157 89 46 60

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Tableau 3.3.4.1 Prix du marché et prix au producteur des produits agricoles (1994/95)

	Gafea		Tozeny	JI.		Kebili	1	.	Gabes				Average	Ş
		Farmgate Price	Market)	1	32	Farmgate Price Market Price Farmgate Price Market Price	Farmgate	7. Se	arket Price		Price	Farmgate Price Market Price	Farmgate Price	Price
Crops		Sep. 1995			χ.	1994/95 Ser	Sep. 1995 ((%)	1994/95	Sep. 1995	566	1994/95	Sep. 1995	88
		(%)			(%)					7 N	(%)			(%)
1.1 Palmiers dattiers	1,400	1.200 0.86	1.200	0.900	0.75	1.250	0.900	0.72	1.246	1.100	0.88	1.274	1.025	0.80
(Date Palm, deglat) 1.2 Oliviers à buile	0.450	0.400 0.89	0.500	0.400	0.80	0.400	0.350	0.88	0.500	0.450	0.9	0.463	0.400	0.86
(Olive)	0.250	0.200 0.80	0.338	0.250	0.74	0.400	0.300	0.75	0.380	0.350	0.92	0.342	0.287	28.0
(Pomegranate) 1.4 Abricotiers	0.300	0.250 0.83	0.567	0.500	0.88	0.825	0.750	160	0.656	0.600	0.91	0.587	0.493	8
(Apricot)	0.150	0.130 0.87	0.550	0.500	0.91	0.460	0.400	0.87	1.671	0.600	68.0	0.458	0.385	0.84
(8:4)		Average 0.83		Average	0.82	€	Average	0.82		Average	0.90		Average	0.84
2. Mar. d'hiver + printemp														
2.1 Carrots	0.200	0.180 0.90	0.111	0.100	0.90	0.091	0.080	0.88	0.110	0.090	0.82	0.128	0.109	0.85
2.2 Navet	0.100	0.090 0.90	0.307	0.250	0.81	0.279	0.250	8.9	0.258	0.200	0.78	0.236	0.201	0.85
(Turmp) 2.3 Oignon	0.100	0.090 0.90	0.315	0.250	0.79	0.222	0.200	0.90	0.235	0.200	0.85	0.218	0.186	0.85
2.4 Féves verts	0.150	0.130 0.87	0.485	0.400	0.82	0.711	0.650	0.91	0.392	0.350	68.0	0.435	0.370	0.85
2.5 Piments	1.300	1.200 0.92	0.943	0.750	0.80	0.901	0.800	0.89	0960	0.850	0.89	1.026	0.874	0.85
(Fepper) 2.6 Tomates	0.400	0.350 0.88	0.369	0.300	0.81	0.396	0.300	0.76	0.291	0.250	0.86	0.364	0.310	0.85
(10mato)		Average 0.89		Average	0.82	₹	Average	0.87		Average	0.85		Average	0.85
3. Four Annuels (Fodder) 3.1 Luzerne (Lucern)	0:030	0.025 0.83	0.057	0.050	0.88	0.080	0.070	0.88	0.080	0.070	0.88	0.062	0.053	0.86
4. Culture Industrielles 4.1 Henna (Kenna)									2.160	1.900	0.88	2.160	1.839	28.0

Sources: Arr. des Etudes et Statistiques Agricole, Division des Etudes et du Developement Agricole, Gafsa, Tozeur, Kebili and Gabes CRDA Farm Economy Survey by JICA Study Team, September 1995

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Tableau 3.3.4.2 Prix du marché et prix au producteur des équipements agricoles (1994/95)

					telentranega en el			Francis -	(Unit : D.)	
			Market I				***		te Price Estimated	Drice
Description	Unit	Gafsa	Tozeur	Kebili	Gabes	Average	T.C.	Total (a + b)	csomateo	FIRE
en e						(a)	(b)	(a + b)		
A. SEEDLING/SEED							(10%)			
1. Arboriculture		,		*1	1					
1.1 Date Palm	Seedling	1.500	1.200	1.000	1.500	1.300	0.130	1,430	1.500	
1.2 Olive	Seedling	1.500	2.000	2.500	1.200	1.800	0.180	1.980	2.000	
1.3 Pomegranate	Seedling	0.400	0.500	0.300	0.400	0.400	0.040	0.440	0.500	
1.4 Apricot	Seedling	0.850	0.700	0.750	0.520	0.705	0.071	0.776	0.800	
1.5 Fig	Seedling	0.400	0.300	0.800	0.350	0.463	0.046	0.509	0.500	
1.6 Apple	Seedling	1.200	2.000	1.100	1.200	1.375	0.138	1.513	1.500	
1.7 Grape	Seedling	1.500	0.500	0.500	1.200	0.925	0.093	1.018	1.000	
2. Vegetables	(Seed)	1			1.3.		(5%)	: ;		
2,1 Carrot	Kg	24,000	25.800	18.000	24.000	22.950	1.148	24.098	24.100	
2.2 Turnip	Kg	13.000	12.600	14.000	12,000	12.900	0.645	13.545	13.500	
2.3 Onion	Kg	65.000	54,000	54.000	52,000	56.250	2.813	59.063	59,000	
2.4 Kidney Beans	Kg	1.600	1.450	1.000	1.600	1.413	0.071	1.483	1.500	
2.5 Pepper	Kg	120.000	145.000	105,000	225.000	148.750	7.438	156.188	156.200	
2.6 Tomato	Kg	54.000	75.000	80.000	67.000	69.000	3,450	72.450	72.500	
and the second s			,,,,,,				-			
3. Fodder Crops	(Seeds)				4.000	1000	0,203	4.268	4.300	100
3.1 Lucern	Kg	4.200	4.560	3.500	4.000	4.065	.0.203	4.200	4.500	
4. Industrial Crops	(Seed)									
4.1 Henna	Kg	j - ,			2.000	2,000	0.100	2.100	2.100	
<u> </u>	 	-			-					
B. FARM INPUTS	•	·	•			ļ ·		1		
1. Femilizers							(10%)			(perkg)
1.1 FYM/Compost	ton								10.000	0.330
1.2 Arnmonite	50 kg	10.500	10.700	10.500	10.000	10.425	1,043	11.468		0.230
1.3 Super 45 (TSP)	50 kg	10.500	11.000	11.000	10.500	10.750	1.075	11.825		0,238
1.4 Sulfate de Potash	50 kg	19.350	19.500	19.000	19.000	19.213	1,921	21,134		0.422
1.5 Nitrate de Potash	50 kg	38.000	39.000	45.000	38.000	40.000	4,000	44.000	44.000	0.880
2. Insecticides	4.0	•					(5%)			
2.1 DCES EC 25	lit	22,000	19.500	20.500	22,000	21.000	1.050	22.050	22.100	
2.2 THIODAN	l la		12,700	13.200	<i>a</i> .	12.950	0.648	13.598	13.600	. :
2.3 FATEK	lit	7,200	6.600	8.000	6.500	7.075	0.354	7,429	7.500	: -
2.4 PERIMOR	lit	30.000	30.000	32.000	32.000	31.000	1.550	32.550	32.600	
				· .				Estimates	l average	18,700
2 2 3 3 3		[(5%)			
3. Fungicides	 ,	,,,,,,	6000/0.2~	20.600	22,660	20.420	1.021	21,441	21.500	
3.1 PELT 44	kg		6.900/ 0.3g	20.000	22.000	4.070	0.204	4.274		
3.2 CUIVOX 50	kg	4.300 / lit	4.070	51.000	66.000	54.310	2,716	57.026		
3.3 BENLATE	kg		10.800/0.3g		6.700	6.875	0.344	7.219		
3.4 MANEBE	kg	6.500	5.700	8.600	0.700	0.013	0.544		аустаес	25,200
		 				 	<u> </u>	- Andrews - Andr		
C. OTHERS		1	≥ د ماند د د				¥ :	1.5	0.020	
1. Water Charge	m3	0.025	0.017	0.020	0.017	0.020			188.000	1 .
	perha	202.000	239.000	150.000	160.000	187.750			100,000	
2. Labor Charge										
2.1 Casual Worker	man-day	4.600	4.160	5.500	6.500	5.190		:	5.200	
2.2 Polinisation (Date)	man-day	4.600	4,160	8.000	6.500	5.815			5.800	
2.3 Harvesting	man-day	4.600	8.000	8.000	2 4	6.775	I		6.800	

Sources: Arr. des Eudes et Statistiques Agricole, Division des Etudes et du Development Agricole, Gafsa, Tozeur, Kebili and Gabes CRDA

Farm Economic Survey by JICA Study Team, September 1995

Remarks: T.C. : Transportation cost from market to farm including handling charge and other cost.

Tableau 3.3.5.1 Frais de production actuels par produit et frais de production nets

							(Ont: D./ha)	a)
)	Gross Income			Production Cost	Cost		Z Z
Description	Yield*	Unit Price An	Amount	Farm Inputs	Farm Inputs Labor Cost	Others	Total	Return
	(ton)	(D./kg)	(3)				(9)	(a - b)
1. Arboriculture	4. *							
1.1 Date Palm	5.86	1.025	4,702 *	357	57.1	46	. 4 <u>7</u> 6	3,728 *
1.2 Olive	6.05	0.400	1,896 *	219	522	37	778 *	1,118 *
1.3 Pomegranate	10.31	0.287	2,320 *	391	591	49-	1,031 *	1,289 *
1.4 Apricot	11.80		4,561 *	363	726	55	1,144 *	3,417 *
1.5 Fig	4.21	0.385	1,271 *	249	909	56	* 506	* 998
2. Vegetables								n, gerland da-w
2.1 Carrot	21.00	0.109	2,289	381	1,144	76	1,601	688
2.2 Turnip	20.00	0.201	4,020	374	1,144	76	1,594	2,426
2.3 Onion	21.36		3,973	437	1,248	28	1,769	2,204
2.4 Kindey Beans	10.43	0.370	3,859	309	1,076	70	1,455	2,404
2.5 Pepper	9.29	0.874	8,119	681	1,196	94	1.971	6,148
2.6 Tomato	21.10		6,541	400	1,196	79	1,675	4,866
3. Fodder Crops								
3.1 Lucern	54.85	0.053	2,907	250	738	49	1,038	1,869
4. Industrial Crops								:
4.1 Henna	1.47	1.839	2,703	371	827	59	1,257	1,446

Sources: Farm economic survey by JICA Team, 1995
Remark: (*); Figures of arboriculture crops are estimated average yield and annual cost of 25 years.
Ref.: ANNEX-E, Tables E.3.10.1 (1), (2), (3) and (4)

Tableau 3.3.5.2 Montant total actuel de la production agricole dans la zone de l'étude (153 oasis)

		Gafsa	Tozeur	Kebili	Gabes	
Description	Unit	Gouvernorat	Gouvernorat	Gouvernorat	Gouvernoral	Total
I. Arboriculture	(Unit Prices)					
I.I Date Palm - Planted Area	1.025 D./kg (ha)	812	5,036	6,566	3,113	15,52
Yield	(kg/ha)	7.34	5.82	5.68	5.93	5.8
 Production 	(tons)	5,958	29,329	37,289	18,470	91,01
 Gross Income 	(D., '000)	6.106.8	30.062.2	<u> 38.221.6</u>	18.931.8	93,322
1.2 Olive	0.400 DAg	1 11				
Planted Area	(ha)	2,221	177	194	1,727	4,31
 Yield Production 	(kg/ha) (tons)	8.04 17,854	2.71 480	4.63 898	3.98 6,879	6.0 26,11
- Gross Income	(D., '000)	2.141.5	191.8	359.2	2.751.8	10.414.
1.3 Poinegranate	0.287 D./kg					
- Planted Area	(ha)	150	145	161	1,788	2,24
- Yield	(kg/ha)	8.20	2.30	3.21	11.78	10.3
Production	(tons)	1,230	334	517	21,065	23,14
Gross Income	(D., 000)	353.0	95.9	148.3	6.045.6	<u>6.642.</u>
I.4 Apricol	0.493 DAg	125		49	122	34
 Planted Area Yield 	(ha) (ke/ha)	125 19.15	51 2.64	2.52	11.83	34 11.8
- Production	(tons)	2,394	135	124	1,444	4.09
- Gross Income	(Q., 000)	1.180.1	66.5	60.9	211.6	2.019.
1.5 Fig/Others	0.385 DAg				·	. ;
- Planted Area	(ha)	124	213	243	383	96
· Yield	(kg/ha)	7.74	2.52	2.69	4.97	4.2
 Production Gross Income 	(tons) (D., 000)	960 369.6	537 206.8	654 251.9	1,903 732.5	4,05 1,560.
		3,432	5,622	7,213	7,133	23.40
Sub-total	(ha) (D., '000)	15,151.1	30.623.2	39.041.9	7,133 29,173.2	113,989.
A 11	(3.7 03.7		20,020.2	27,010		130,505
2. Vegetables 2.1 Tunio / Carrot	0.201 DAR	1	1			
Planted Area	(ha)	166	125	457	392	1 14
- Yield	(kg/ha)	29.43	13.15	13.49	28.23	20.8
- Production	(tons)	4,885	1,644	6,163	11,066	23,75
 Gross Income 	(O,, '000)	981.8	330.4	1.238.8	2,224.2	4.775.
2.2 Onion	0.186 D/kg				* **	
- Planted Area - Yield	(ha)	166 26.69	123 14.58	541 14.94	408 29.73	1,23 21.3
- Freduction	(kg/ha) (tons)	4,431	1,794	8,085	12,128	26.43
- Gross Income	(D., '000)	824.2	333.6	1.503.8	2.255.9	4,917.
2.3 Kindey Beans	0.370 D./kg			4 1,1 9		1 1
- Planted Area	(ha)	167	58	263	64	55
- Yield	(kg/ha)	14.66	6.82	6.98	16.89	10.4
Production	(tons)	2,447 905,5	396 146.3	1,835 678.9	1,081	5,75 2,130
• Gross Income	(000°Q)	202.2	190.2	819.3	400.0	8.139.
2.4 Pepper Planted Area	0.874 D./kg (ha)	319	168	558	413	1,45
- Yield	(tra) (kg/ha)	9.96	6.81	6.99	12.87	9.2
 Production 	(tons)	3,176	1,144	3,903	5,315	13,53
 Gross Income 	(D., '000)	2.776.2	<u> 299.5</u>	3.411.3	4,645,4	11.832.
2.5 Tomato	0.310 DAg	[-]			1 1	
- Planted Area	(ha)	223	94	248	208	77
- Yield - Production	(kg/ha) (tons)	29.61 6,603	14.58 1,370	17.00 4,217	19.81 4,120	21.1 16.30
- Gross Income	(D", (000)	2.046.8	424.8	1 307.2	1.277.0	5,055
Sub-total	(ha)	1,041	568	2,067	1,485	5,16
000 1010	(D., 000)	7,534.5	2,234.6	8,140.0	10,802.5	28,711.
3. Fodder Crops			1			
3.1 Lucern	0.053 DAg					
- Planted Area	(ha)	886	311	2,850	1,620	5,66
· Yield	(kg/ha)	53.65	77.63	50.15	59.38 04.202	54.8
- Production - Gross Income	(tons) (<u>D'000)</u>	47,531 2,519,1	24,143 1,279.6	142,936 2,575.6	96,203 5,098,8	310,81 16,473.
4. Industrial Crops	10.00	£121211	1.417.13	<u> Luiteir</u>		10'215'
4. Industrial Crops 4.1 Henna	1.839 DAg	1	.*		٠	
Planted Area	(ha)	0	0	0	452	45
- Yield	(kg/ha)				3.47	1.4
Production	(tons)	0	0	0	662	66
· Gross Income	(D., 000)	0.0	QQ	. 0.0	T'518'0	1.218.
Total Planted As Total Gross Inco		5.359 25.201.8	6.501 34.137.4	12.130 54.757.5	10,690 46,292,4	34.68 160.392
	one (D., 000)					

Tableau 3.3.5.3 Montant net actuel de la production agricole dans la zone de l'étude (153 oasis)

Description	Unit	Gafsa Gouvernorat	Tozeur Gouvernorat	Kebili Gouvernorat	Gabes Gouvernorat	Total
I. Arboniculture	(Production Cost)		4000			
1.1 Date Palm	974 D.Ma					
- Planted Area	(ha)	812	5,036	6,566	3,113	15,5
- Gross Income	(D., 000)	6,106.8	30,062.2	38,221.6	18,931.8	93,322
- Production Cost	(D., '000)	790.9	4,905.1	6,395.3	3,032.1	15,12
· Net Income	(D., '000)	5,315.9	25,157,1	31,826.3	15,899.7	78,199
and the second s	2.00			*******		
1.2 Olive	778 D./ha		l			
- Planted Area	(ha)	2,221	177	194	1,727	4.3
 Gross Income 	(D., '000)	7,141.5	191.8	359.2	2,751.8	10,41
- Production Cost	(D., 000)	1,727.9	137.7	150.9	1,343.6	3,360
- Net Income	(D., '000)	<u>5.413.6</u> `	54.1	208,3	1.408.2	7.08-
1.3 Pomegranate	1,031 D./ha	· .				
- Planted Area	(ha)	150	145	161	1,788	2,2
- Gross Income	(D, 000)	353.0	95.9	148.3	6,015.6	6,64
- Production Cost	(D., 000)	154.7	149.5	166.0	1,843.4	2,31
- Net Income	(D., 000)	198.3	-53.6 ±	:17.7 2	4.202.2	4.32
	1	1220	_ ******		24444	
1.4 Apricot	1,144 D./ha			4		
- Planted Area	(ha)	125	51	. 49	122	3
 Gross Income 	(D., '000)	1,180.1	66.5	60.9	711.6	2,019
 Production Cost 	(D., '000)	143.0	\$8.3	56.1	139.6	39:
- Net Income	(D., '000)	1.037.1	8.2	4.8	572.0	1.62
	T 4 1		T	I . —		
1.5 Fig / Others	905 D./ha			l] ,,,	- ×
- Planted Area	(ha)	124	213	243	383	9
 Gross Income 	(D., '000)	369.6	206.8	251.9	732.5	1,56
- Production Cost	(D., '000)	112.2	192.8	219.9	346.6	87
 Net Income 	(D'000)	257.4	14.0	32.Q	385.9	68
2. Vegetables			•			
2.1 Turnip 1/Carrot	1,594 D./ha		t.i.i.e.			
- Planted Area	(ha)	166	125	457	392	1.1
 Gross Income 	(D., '000)	981.8	330.4	1,238.8	2,224.2	4,77
 Production Cost 	(D., '000)	264.6	199.3	728.5	624.8	1,81
 Net Income 	(D. 000)	217.2	1317	\$10.3	1.599.4	2.95
2.2 Onion	1.769 D./ha					
		122	123	641	408	1,2
- Planted Area	(ha)	166		541		
- Gross Income	(D., 000)	824.2	333.6	1,503.8	2,255.9	4,91
 Production Cost 	(D., 000)	293.7	217.6	957.0	721.8	2,19
- Net Income	(D., 000)	530.5	11eg	<u> 546.8</u>	1.534.1	2.72
2.3 Kidney Beans	1,455 D./ha			4 -		
- Planted Area	(ha)	167	58	263	64	5
 Gross Income 	(D., 000)	905.5	146.3	678.9	400.0	2,13
- Production Cost	(D., '000)	243.0	£4.4	382.7	93.1	80.
- Net income	(157,000)	662.5	61.2	296.2	306.9	1.32
		*****	2312	2111		
2.4 Pepper	1,971 D./ha					
- Planted Area	(ha)	319	168	558	413	1,4
- Gross Income	(D., '000)	2,776.2	999.5	3,411.3	4,645.4	11,83
 Production Cost 	(D., '000)	628.7	331.1	1,099.8	814.0	2,87
- Net Income	(D., 000)	2.147.5	<u>668.4</u>	2.311.5	3.831.4	8.95
2.5 Tomato	1,615 D./ha					
- Planted Area	(ha)	223	.94	248	208	7
- Gross Income	(D., '000)	2,046.8	424.8	1,307.2	1,277.0	5,055
- Production Cost	(D., '000)	373.5	157.5	415.4	348.4	1,29
- Net Income	(D., 000) (D., 000)	1.673.3	267.3	891.8	928.6	3.76
13211525562	T-5	11×11/12	#Y.iuk	57.17.2	Z#¥.¥	2.17
3. Fodder Crops						:
3,1 Lucern	1,038 D./ha			1 1 1		
- Planted Area	(ha)	886	311	2,850	1,620	5,6
- Gross Income	(D., 000)	2,519.1	1,279.6	7,575.6	5,098.8	16,47
Production Cost		919.7	322.8	2,958.3	1,681,6	5,88
- Net Income	(D., 000) (D., 000)	1.599.4	956.8	4.612.3	3.417.2	10.590
	117. 7001	1.222.1	70.0	3'81'7''	**************************************	17/5/1/
4. Industrial Crops						
4.1 Henna	1,257 D.Ma	Į į				
 Planted Area 	(ha)	0	Q.	0	452	4
- Gross Income	(D., 000)	٥o	0.0	0.0	1,218.0	1,218
- Production Cost	(D., 000)	0.0	0.0	0,0	568 2	568
· Net Income	(D., '000)	0.0	0.0	0.0	649.8	649
·		1 14 1	1.7	 *3 (8) (7) 	【14.1 × 2 · · · · · · · · · · · · · · · · · ·	
Total: - Planted Area	(ha)	5,359	6,501	12,130	10,690	34,6
 Gross Income 	(D., '000)	25,204.6	34,137.4	\$4,757.5	46,292.6	160,392
- Production Cost	(D., 000)	5,651.9	6,756.1	13,529.9	11,557.2	37,495
- Net Income	(D., '000)	19.552.7	27.381.3	41.227.6	34.735.4	122.897
153 Oasis Area	(ha)	3,467	5,622	7,213	7,133	23,4
Cropping Intens	ity	154.6%	115.6%	168.2%	149.9%	148.0
		5,639.7	4.870.4	5.715.7	4.862.7	5.244
 Net Income per h 	9 (02114) 1	EAVE ELL 1				

Tableau 3.3.8.1 Bilan économique moyen actuel des fermes

) sepa	Anstha Onsid / Carles		,	Ó	Oned Shill Oncis / Carl	3			Ĭ	Torreur Onsis / Torreu	Inteur				Dring Yed Oness / Total	or ar	
Description	Area Ye	Yield Production	5 E	Amount	44 7	Area Yield P	Field Production	į į	Lmount	۵.	Yest P	Production	le de	- THOUSE	Area Yield	Yeld Pro	Production	Price -	mount
A. FARM LAND	(ha) (100m/ha)	(RUO) (RU	1	ı	2:	(ton/ha)	l	i i	(0)	21	(ton/ha)		(3 VC)	(O)		(rocypa)		(0VE)	ĝ
B. CROSS INCOME					 	٠.				 									
Samulaceme.) 작				1	ţ	;		ļ	<u> </u>			į		8		i		
- Date			88	23.		Ž	971	ğ	11.877	한 일 	g g	3	000	រួត	3 3	9 ci	25	5 5 5 5	a A
Pomegrapase	20.0	8 F								8 8		88	732.0	22	9.5	7.	70	0287	۶;
- Fig. / Other Fruits		88		8				,	÷	3	ä	33	0323	÷55	0.16	26.	ŏ	320	13
Folder Crops	025	30.42 7.6	6 0.053	107	0.39	45.00	17.4	5300	020	0.10	77.57	7.8	0.053	. 5	. 8	8	r.	(300	
Winter Scaem Venetables										<u> </u>		}					•		ì
Tump"/Came						1	•		i	3	13.09	3;	0.20	8	ð	3	8	020	21
Conjon Kidney heans	0.00	15.11	0.136	충 정 :	8 =	6 S	93	0,186	ā ŝ		4 %		0.520 0.520	<u>5</u> 13	8 8	2.5	\$ 5	0.1% 0.1% 0.1%	S
Summer Season Vegetables				•										1	:			:	
· Pepper	0.00	10.07 1.0	0.874	38						\$6.00 0.00	£ 3	4.5	0,874	ដូន	0.00	2.23	23	0.874	ijя
Industrial Crops																			
organic district -	4	, (Cmbai	to mention	7 808 7	-	768	74% (Coopers promise)		(4)	3		I'me (Choosing largery)	Antack	1000	\$	7	(Concesse Intensity)	. (veitre)	(4)
Off-fam Income		Chieffauer Smaldouch)	(A) Superior (A)	3 @ 3 # # # # # # # # # # # # # # # # # # #	1		ur Sueddon		3 8	1		ar timelen	(Aurus)	3 8 4	1	1	•	Ì	
and the state of t				3786					1				14.50	0471			ľ	100	10.20
STATE CALCULATION			1	0.040	-				(3) (4)			-					֓֟֝֟֓֓֓֓֟֓֓֓֓֓֓֓֓֓֟֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֟֓֓֓֓֓֟֓֓֓֓	- (1	L
C. CROSS OUTCOING				Amount			5 '	Cor	Amount			3 '		Amount			! '		Amenda
Production Cox	. 2		(D/Ac)		: :				ĝ.	-				9			•		ĝ
Date	15		6	. <u>6</u>	\$ <u>F</u>			746	77.1	4 P)			4/6	ñ	3			7	65
Office	£ (£ ;	_		٠		r.		ម្ភ <u>ម</u>			r F	2 ;	200			Ž.	7 .
- Pomegranie	0 C	•	10.1					8 3		8 8 			8	ň.	2 2			6.1	ē 1
- Fig / Other Fruits	000		8	ijħ			٠	Š		3			ğ	: \$	9.16			ŝ	3
Fodder Chops	£10	-	1.038	9	039		:	20	- 8	010	•		800	2	80			1.038	Ş
Winer Season Verenables	ļ			}	1				•	}									:
. Tump / Came	800		35			:		365	;	8			76.	Zi	3			8	ð
Nidney hears	0.00		(6) (4)	ă s	85			35	<u> </u>	5 6 6			5.5	. n	9 8				= 8i
Summer Season Vegetables					-					-				-	:				
- Penper - Tomato	0.08 0.08		1.97. 1.673	<u> </u>				<u> </u>		20.0			1.97: 1.675	\$ 2	88			1.97. 27.8.1	8 8
Industrial Crops				-					;										
Sub-total	A		Ì	(b) P.T.1	13. B	Ę	::	ì	(p) (6)	168	1.		j	69 7571	£ 5			Ì	9 757
ivipe Expenses	- E	One periods for water (D.)		5.33 neronoviamily	_	One person	Constant	5.47 000	root/amilv**	 	Operation 1	er wear (D.)	7	Confemily	Ê		(C) June (7.	Viene/John
- Ford	1	261 45.59	٠	1,392	: 		45.5%	2	1.428			\$5.5	į	.3%		261.1	45.54	ì	15%
- Housing	_		. تو	3 9	_	601	64 64 64 64		3		6.00	18.		Ž:			18,19		ž
. Horizan		45 12.15	e .s	2 2		2			r r		9.4	# # 77 /		31			7.59		3 5
- Transportation / Communication	ے۔			3.5	•.•	ş	3		<u>\$</u>		3	4		<u>.</u>			4		2
- Education / Culture		4:	e ·	គ្គ៖		43.7	7.64		ភិ		417	7.6%		ន្តទ			7.69		ន
. Onen Sab-total		2000 PES	وير پ	ខ្ម	· .	<u> </u>	190		(S)	:	9	1000	٠.	() ()	:	9	180		9 9
Total Grove Opening			=(3 = p)	П				(q = ¢) =					= (3 + p)	() X/,			ı	9.00	1
D. NET RESERVE			G- 3	2.955				=(- u)	7.877				رد د . ي	4,640				ė	91.7
Live to Franch National air is Busines Consonnation des Ménares, 1998	le budget Const	POLICE OF	Menores 19	L							1								

Tableau 3.3.8.2 Bilan économique moyen actuel des fermes

		Men	Mansones Ossis / Kebili	Kehii			1 7	Attlet Oakis / §	Ketsili			O	as de Gabes	/ Gaber			1	manuscript 1 and	A 7 / Cabus	
Decommend	Cropped Extimated	Kimated Visk D				Compact	Estimated				Cropped	Cropped, Estimated.		T T	1 1 1 1 1 1 1	Conned	Copped Estimated		200	
C. C. Market		MOLLONG DIAK	إ	2	S MOONE	74.	7.	duction	Price Am	STATE	٨٠٤	Yield Product	oduction .	Ł	Amount	Y Y	Yeld	hodaction	į	Ammuni
A. FARM LAND	3	(euwol)			c C	() ()	(ION/ha)	(500)		(D.)	(au)	(ton/ha)	(tons)	(D/VC)	ê.	(A)	(ton/ha)	(1003)	(3/C)	ĝ
B. CROSS INCOME						j -		: .		-	į					1	:			
Carm income	ž					ě														
· Date	គ្រ	5.37	•3	5	គ	180	3	2.7	,	2000	3		:	ž		1				
A SING	 600	813			٠	:					8	8	. 00	18	1 to 1	50.0	, .	0 0	98	8
- A private			:		-	56	80		0.287	82	803	E. E.	0	0.287	38	Ş	9	9 6		1
. Fig. / Other Fruits	800	9	.00	0,385	3	- 5	9	83	0.383	⊡ 8	88	17.1	5.0	6463	8 , 9	8	3	90	0.493	315
Fodder Crops									· }		}	9	?	2	>	3	7	Ä	20,0	Ī
- Lucem	5	47.54	2,0	0,053	265	5	48.1	9'0'	0.053	261	500	3	*	1300	***					
Winter Season Vegetables						:				_		•	l	}	?	·	78.10	2	69	2
- Tenip / Camo	60 G	음;	0	070	អ	0.14	8		001	98	00	12,5	0.1	0.701	; \$1	2	67.66	\$		1
Kiffery Desce	000	5.55 5.45 5.45		130	ក់	7 9	3.	ខ្ល		376	10'0	ã	5	0.186	13	: ::	100	, v	3 6	3
Cummer Course Venezables	}	8		3	3	5.5	ž č		:	240	00	16.61	0,1	0,370	Ë	000	16.48	ន	3	j #
Perner.	100			763		5	7.54				;	1							J.	
Tomato	00	15,48	5	0710	ត	200	16.36	រង	07:0	÷	000	P 2	; ;	70.0	* *	41.0	12,60	<u>~</u>	0.874	35
Industrial Chaps		1					•						3	2	\$	70.0	19.38	2	9	381
- Henna / Tobacco						•				1	90:0	1,46		1.839	6	800	¥	ć	9	. 4
Sub-tora!	ខ្ល	Ç.	2.12 ha 156% (Cropping Intensity)		3 GF91	न न	4	(Cropping Intensity)			4	*151	(Cropping Intensity)	netry)		1 67	2	erent original	A COURT	
Off. farm Income				-1	(E) (S)		•	:	7	(e) 000T					3				.	3 :
Total Gross Income			6	A 40 (1 4 4)	(0) (0)				- 14 - 1	1										3
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C. GROSS OUTCOING		:	į	, ac		:		5	ξ .	,			ž	5				3	Jul Production	
Production Cost			lô	(Q) (aV(Q)	<u>۔</u>		:	in in	9 (94.0)	100			, ~	9	- C				ě	Merent
Arbonceliure :	1	:				ä					ឡ				}				95	3
0.00 m	38			1	239	0.65			24	657	0.19			37	281	Ş			7/6	2
· Pamegranac					,	00					8			3/4	*	9.70			E	124
- Apricos					-	0.0	4 4 4		¥	: =	00			4	w <	2 3			1,0,1	Š.
Tright Chack Fronts	6	:		Ş	= .	30				*	00			Ş	, in	3			Š	3 5
Froder Crops	2	:			:	: 3									٠	:			:	
Winter Season Vermables	;		-	200	4	j				- គឺ	0.05			1,038	4	61,0			1,038	197
Tumin / Cares	10.0		-	765	2	71.0		-					-	:					٠.	
Onion	10:0			26	*	0				 15	5 6			3	6 43 4	0.34			158	£
· Nidney heans	(O)			1,455		0.10		-		3	9			1.455	» r-	5 6			\$6.	ģ
Summer Season Vegetables					7			-		:				1					ŝ	į
Tomate	8 8	:			2 •	88		-	1		000			1.971	2	9.0			162	ř
Todasseio Come			-			5		-		 F1	0.0			529	₩	0.07			5.9	8
- Henna / Tobacco							:		-		•					: ;				
Surrotal	9.79 ha				410 - (d)	101	1,				900			j.	X i	8			ğ	5
Living Expenses	å	One recision per year (D.)		5.65 persons/family**	Amel	1 &	The Party	(()	1		1				9	я Ы				9
Food		361,1				1	1		O. I. TRETSON.	Scientific Co.	5	4		24.	ons/family***	a 	OC DETENDED	(Q)	5.48 pen	Onsflamily
- Meusing			18.1%		267			br.	•				18.18.		1000	-	٠.	45.5%		Ţ.
July 1			<u> </u>		S.	2		Ę.	•	8			4		2			e e		2
Transportion / Communication			F 67						E4 4	20			457		37.2			ر د د		ត់
Education Culture		:	7.6%	-	247	:		7.68					9		8.			.¥.€		8
Other			\$		3		9.91	6		Ş		99	4 d		ē		?	49.5		ភ
Nubrita		300	100.001	-1	(S)		•	101	7	3 9			4000		3.145 (c)			1 8		
Total Coms Ougaing			9	(d + C) = 3	9			9	- O.	3		1		40.0	0/ X Y		1			(a)
D. NCT RESERVE		100	, (c		7.7			٤	٤	3				١					0 + 0	1
Sources : Enquete National sur le budget Consommation des Ménages, 1990	k Budget Con	NOTHER	Ocs Menages	1990															<u>.</u>	07
ANALYSI SILVEN	TA SICA-Supple	Ser Election	Transfer conf																	

Tableau 3.4.5.1 Méthodes d'irrigation et capacité des canaux par gouvernorat

			-				6	~	6	\Box	
Attainment	ratio of	present	irrigation	4	(%)	(3)=(1)/(2)		37.	ന്	က	-
*)Designed **)Estimated Attainment	maximum	net water	requirement		(mm/day)	(3		8.6			
*)Designed	maximum	net water	requirement	at parcel	(mm/day)	(1)		3.1		2.0	
	Operation	Tine			(hrs/day)		8	20	20	21	
ation	interval		Average		(days)		***)13/7	7	21	16	
Irrig	. inte	2.	Range		(days)		5-14	3.8 5-11	15-60	10-40	
100	Duration	area of area of Cap. of of appli-	cation		(ha) (ha) (1/sec) (hr/ha) (days)		2.8	က	10.0	7.0	
	System	Cap. of	secteur	-	(1/sec)		30	31	23	22	
	Service Service System	area of	secteur hydrant secteur	:	(ha)		<u> </u>	3.5			
	Service	area of	secteur		(ha)		52	28	31	44	
		iorvernorate					Gafsa	Tozeur	Kebi li	Gabes	(2040)

*) Irrigation efficiency is evaluated by oases sample survey **) Esimated values by JICA

***) tree/vegetable

			:	Maximum	Actually	Utilization
	Number	Number System System	System	cap. of	consumed	ratio of
Govenorate	₹0	capacity	operation	capacityoperation irrigation	water volume	irrigation
	sectuer	sectuer of secte time	time	facilities	at pumb	facilities
				at hydrant	station	
	(nos)	(lit./se	(hrs/day)	('000 m3/year	(nos) (lit./se(hrs/day)('000 m3/year('000 m3/year)	(%)
				(1)	(2)	(3)=(2)/(1)
Gafsa	67	30	80	52,586		54
Tozeur	204	ري ا	8		89,529	9
Kebili	235	2	20	130,842	113,279	70
Gabes	164	22	21	99,388	66,193	29

Tableau 3.5.1.1 Prise en charge de la maintenance des installations hydrauliques

	Opera	ion	М	aintenan	e
. #	CRDA	ÄIC	CRDA	AIC	Governorate
1.Irrigation					
1) Gafsa					
- Raguba Irri. System	0		Ö	-	-
- Others		O	0		
2) Tozeur	0	Δ	0	Δ	
	,				
3) Kebili				•••••••	
- Well	O		0		_
- Pumping Sta.	Ο Δ	O	0 0 0	Δ	
- Canal system	-	0	Ŏ	Δ	
4) Gabes	-	O	0	Δ	-
					_
2.Drainage	•••••••••••••••••••••••••••••••••••••••				
1) Gafsa					
- Principal	0		0	. –	
- Secondary	ŏ	_	0		
- Tertiary		O	<u> </u>	O	
2) Tozeur					
- Principal	0		0	·····	Δ
- Secondary	~~~~		t ŏ		
- Tertiary	0 0 0		0 0 0	: -	
	······				
3) Kebili					
- Principal	О		O	·····	Δ
- Secondary		O		O	
- Tertiary		Ö		0	
		·····		······	
4) Gabes					
- Principal	Ö	-	O	,i,	Δ
- Secondary	······	0	<u>-</u>	O	_
- Tertiary	·····	Ö		Ö	
101 (101)		<u> </u>	J	<u> </u>	

legend:

O: main executer △: sub executer

Tableau 3.5.2.1 Décomposition des frais de maintenance

	Gafsa	Tozeur	Kebili	Gabes	Average
1.Total ON cost					
1.1 Unit cost (TD/ha)	202	327	228	168	231
1.2 Sharing rate of OM cost (%)					
- AIC	67	71	67	75	.7(
- CRDA	33	29	33	25	3(
2 OV Seek of ATO					
2. OH cost of AIC	100	232	151	125	161
2.1 Unit cost (TD/ha)	135	236	101	163	10
2.2 Distribution of ON cost (%)		25 25			
- Personnel charges	12	4	28	36	50
- Electric charges	47	82	67	50	61
- Water charge by CDRA	37	0	0	0	
- Repairing cost	4	14	4	10	
- Others	0	0	1	4	(4)
Total	100	100	100	100	100
***************************************				· I	

Tableau 3.5.2.2 Aperçu des Associations d'Intérêt Collectif (AIC) et des frais de maintenance

			*>	Num.of	Num.of		4 4			
	Num.of	Num.of	Average	0asis	AIC with	No.of o	asis wi	th badg	etary d	eficit
Gorvernorate	Oasis	AIC	OM cost of AIC	without	baguetary	Insuf	ficienc	y rate		
				AIC	deficit	to OH	cost	100		Total
	(Nos)	(Nos)	(DT/ha/year)	(Nos)	(Nos)	L.T.15%	15-50%	50-100%	100%	1
	(1)	(2)		(3)	(4)	(nos)	(nos)	(nos)	(nos)	(nos)
Gafsa	8	8	135	0	6	1	1	0	1	3
Tozeur	30	44	232	η	18	3	2	1	12	18
Kebili	67	69	151	0	19	11	2	1	4	18
Gabes	48	48	125	0	3	3	0	0	0	3
Total	153	169	(Ave. 161)	7	46	18	5	2	17	42

Note)

^{*)} These value does not include ON cost of CRDA

Tableau 4.4.3.1 Evaluation de l'exécution du projet pour les 153 oasis

		1 . 1 . 2	<u> </u>	1	<u> </u>		100			1.0				
Code		Oasis Type		Evaluati						Qasis Type		Evaluatio		1
No Name of Oasis	Area	Circuing Type	lerigation Achiv. Canal	Dral- page		EIRR	Rank-	Code No Name of Oasis	Area	Curping Type	Infigation Achie, Canal			Rank
	(ha)		(4)				75.	110 11000	(ha)	'7r	(1)		1 1.00	
ガフサ電	1		100				1	ケビリ県					100	
GF 1 Kashu	698	T 0.2	48 X	오	ΧI	21.29 O		KB-40 Godlista	103	T D 4	44. X	X X X X	22.69 Q	_A_
GF - 2 Sud Ouest GF - 3 El Guettar	703 450	T 0.2	31 X 21 X	Ŏ	š	24.69 Q		KB-41 Kelwamen	47	T D 4	(1 X	XX	15.4% O	
GF - 4 Lalla	700	T DF - 2 T Q - 2	21 X	8	×	23.09 () 18.89 ()	8	KB-42 Killyla	92 100	T D-3	53 X 44 X	XX	9.39 △	<u>c</u>
GF-5 ELKO	578	1 ID-2	49 X	ŏ	χÌ	215% Q	8	KB-43 SiG Hamed KB-44 Affet	220	T D 4 N D 4	41 X	ŝ lŝ	20.29 O	- <u>^</u>
GF - 6 Qued Shift	36	N D.I	38 X	ŏ.	x	2087 O	5	KB-45 Owiz	280	TOA	4 X	分文	15.9% O	В
GF - 7 The ija	65	F D-1	52 X	Ι×Ί	×	13.77 A	C	KB-46 El Ghyula	75	T DF 2	67 0	X X	0.6% X	D
GF - 8 Segulard	217	N D-4	50 X	×	х	26.07 🔾	À	KB 47 El Golas	65	TD4	67 Q	<u>olx</u>	138 X	D
Sub-total / Average (8)	3,467		41			22.0%	100	KB 48 Grad	111	T D-4	67 Q		0.39 X	D
トゥズール県	100		1275.2		<u>, </u>			KB 49 Et Hssy	90	T_DF-2	.47X	0 X	20.24 Q	В
TZ- 1 Tozeur TZ- 2 Kastilla	929	T D-1	44 X	ŀĶŀ	<u></u>	1497 O	B	KB -50 Noulci	97	I DE-5	40 X	XX	20 69 0	A
T2 - 3 Oued El Koucha	50 62	T DF 2	41 X 49 X	e ×	÷۱	15.77 O	B C	KB-51 Zasfranc KB-52 Bouhangs	10t	T D 4	60 O	Q X	-189 X 13.49 △	D
TZ - 4 Neflayette	72	T D 2	48 X	ô	ô	3.04 A	c	KB-33 Ksar Chilane	100	7 D-1	17 X	훘훘	10.99 🛆	C C
TZ - 5 Chemsa	90	3 D-3	53 X	×	Χ̈́	93∓ △	Č	KB-54 Sakkouma	80	T DF+2	67 Q	οx	0.89 X	0
TZ - 6 Helba Est	75	T D-2	38 ×	X	×	13.89 A	C	KB-55 Tarfays	77	T DF · 2	67 O	ŏ×	-3.09 X	D
TZ- 7 Helly Ouest	50	TUFI	Jį X	×	×	15.44 O		KB-56 Dhomrana	45	N D 4	60 O	$\times \times$	10.14 A	С
17 · 8 Jhim 1	40	T DF-2	_35_X	×	×	23.24 O	<u>A</u>	KB-57 Smida	. 64	N DF-2	51 X	××	13.29 A	С
TZ- 9 Jhim ?	167	T DF-1	48 X	×.	<u>X</u>	1239 🛆	- Ē	KB-58 Ghldma	80	T D-3	61 O	× X	2139 O	. B.
TZ - 10 the Chabbat 3 TZ - 11 Notia	325 852	N DF-I	70 O	O X	×	23.4% O	D	KB-59 Sahria KB-60 El Facuar I	60	T D-3	46 X	XX	19.09 O	B
12-12 Chanigaya	832 40	T DF · 2	41. X	ŀ≎ŀ	솘	23.4% ♥	- <u>^</u>	XB-61 El Faouar 2	B7 B0	T D-3	52 X 50 X	XX	16.74 O	C
T2-13 the Chahter !	240	N DF I	70 0	×	Ŷ	45% X	Ď	KB-62 Bechri	100	N D 3	31 X	쉾숲	15.24 O	- E
TZ - 14 Sho Chabbat 2	272	N DF I	70 O	0	X	454 X	D	KB-63 Dergine	72	N D-3	70 O	ΟX	ita X	D
12 - 15 Draz Sud	198	N DF-1	64 O	l ol	х	6.54 X	D	KB-64 Matrouha	. 100	T D.3	47 X	XX	15.54 Q	В
TZ - 16 Hazona 1		1 DF - 1	43 X	×	×	1159 △	¢	KB-65 Regim Manhoug 1	104	N D-3	59 O	x x	8.59 A	C
TZ - 17 Hazous 2	48	N DF-1	-32 -X		Ş١	20.69 0	Α.	KB-66 Regim Mantoug 2	96	N D I	31 Q	× ×	9.99 🛆	Ç.
TZ - 15 Hazous 3 TZ - 19 Oued Loghrissi	239 78	T DF 1	52 X 47 X		×	20.29 O	÷ A	KB-67 Tarfayet Elma Sub-total / Average (67)	7,213	N D-4	53 X	× x	1369 A	L <u>C</u>
TZ · 20 Togrant	48	T DF-1	47. X		ŵ۱	11.69 A	0	ガフサ県	7,213		43	. 1	(4.5%	· · ·
TZ - 2) Cedada	55	T D 4	42 X	X	×	12.79 A	č	GB - 1 Ain Zng	140	T FD-2	47 X	x x	19 24 0	l a
72 - 22 Dighoumes	104	T DF-1	47 X	×	××	13.04 A	c	GB - 2 Temoula 1	40	T F-2	52 X	휘호	10.79	c
TZ - 23 Degache	822	1 0-1	38 X	[.×.].		16.24 O	В	GB - 3 Temoula 2	20	T F-2	31 X	$\mathbf{x} \mathbf{x}$	9.9€ △	C
TZ - 24 Chakmou	90	1 D-1	.42 X	0	×	16.39 O	В	G8 - 4 Zrig Dakhlaria	30	T FD-1	48 X	X X	10.07 △	C
72 - 25 El Hamma	400	<u>I D-1</u>	39 X	×	X	21.61 O	- <u>-</u> -	GB - 5 Tehoulbou	520	1 FD-2	38 X	X X	16 0% O	В
TZ - 26 Tamerza TZ - 27 Chebika	23	1 D-1	58 O	⊹	응	5.49 X	D	GB - 6 Oasts de Gabes GB - 7 Limages 1 et 2	734 148	1 FD · 2	42 X 40 X	X X X X	21.49 0	-4-
TZ - 28 Fourn El Mhanga	48	T D-2	58 O	×	ŏl	-634 X	- <u>5</u>	GB - 8 M dou	40	N F-2	40 X	余床	15.4% O	C B
TZ - 29 Makes	29	T D.2	58 O	ľΣľ	δl	554 X	D	G8 - 9 Chott El Forix	31	TÀ	47 X	ôl≎	1953 O	
172 - 30 Ain El Karma	25	1 D-2	58 O		ō	1.54 X	Ď	GB-10 Beuchamma	143	T DF-2	45 X	х×	21.6% O	A
Sub-total / Average (30)	5,622	ļ	50	<u> </u>		13.9%		GB-11 Mahloob	374	T DF-2	43 X	x x	20.24 O	A
ケビリ県								GB-12 Şakm	99	I ID-5	44 X	X X	15.3% O	В
KB 1 Sectori KB 2 Souabdallah	162 270	1 D-3	47 X		¥.[1219 4	- <u>c</u>	GB-1) Show	72	T FD 2		X X	16.7% O	_ B
KB · 3 Fatnassa	205	T D-3	44 X		X	1554 O 9.8% A	-ĉ	GB-14 Faycal GB-15 Miziras Channouch	260 280	T-A-	46 X	XXX	14.63 O	_ B
KB · 4 El Gilas	94	T D 3	46 X		â	14.09 0	В	GB-16 Metoula	268	T DF - 2	45 X	$\hat{\mathbf{x}} \mid \hat{\mathbf{x}}$	12.5% △ 19.8% O	- <u>C</u> -
KB - 5 Menchia	140	T D 3	38 X	×××	×	175% O	3	GB-17 Quedrief	263	7 DF 2	36 X	x x	26.2% O	<u> </u>
KB 6 Nagga	111	T D.3	44 X		×	18.49 (8	GB-18 Acuinctic	2,32	T 0 · 2	46 X	XX	13.0% A	⁷ C
KB-7 Cum Somas	162	T D-3	_38_X	X	×	15.09 O	3	GB-19 Chenchou I	57	T A	40 X	XXX	13.04 A	C
KB B Oood Zira	176	T D 3	36 X		X	21.69 0	-4-	GB 20 Chenchou 2	40	N A	31 X	<u> </u>	1124 4	C
KB · 9 Outed Touati KB · 10 Teachin	62 54	T D-3	29 X 44 X	×.	×	33.77 Q		GB-21 Televid	32	T FD 2		XX	16.34 Q	_ <u>B</u>
KB-11 Zaoulet El Anes	125	7 D.3	# ☆ ☆		쉾	19.1% O	- 8	GB -22 Hamme Oasis : . GB -23 Muliras Hamma	400 80	T D-3	44 X 48 X	X X	2269 0	- <u>A</u> -
NB 12 Zacoict El Harth	31	T D 3	-33 X	$\overline{\mathbf{x}}$	숲	25.0% O		GB -24 Bodims 1	Z80	T FD 2	50 X	쉿숙	17.5% O 8.3% △	-B
KB-13 Zirel Louhich	86	T D.3	47 X		×	13.49 O	c	GB-25 Bechins 2	290	T DF-2	40 X	윷닡숲	16.59 Q	B
KB-14 Cheuchet Nagga	26	N D-4	46 X 40 X	×	X	14.4% O	В	GB - 26 Khebuyet	96	T FD · 2		×х	15.01 O	В
KB-15 Gualaya	150	T D-3		X.	X.	26.6% O	A	GB -27 Bea Ghillouf	180	T FD-2	56 O		13.33 O	C
KB-16 Jedida	133	T D-3	<u>50 X</u>	. X. I	×	129% A	<u>c</u>	GB · 28 Glib Dokhane	70	T FD-2	49 X	0 X	9.59 △	_2_
KB-17 Maaseura KB-18 Rabia	162	T D 3	33 X 46 X	×	×	17.6% O		GB -29 Oued Neithla	30	T DF-2	50 X 49 X	Ş Ş	17.39 0	
KB-19 Telmine	240	T D 3	46 X 44 X	숛ㅣ	×××	15.04 O	- <u>B</u>	GB-30 Arram GB-31 March I	163	T FD - 2	49 X	<u> </u>	9.13.4	-č
KB-20 Tembib	118	7 D.4	50 X	×	x l	12.19 6	c	GB-32 March 2	180	7 F-2	41 X 40 X	×××	11 13 A 1448 O	- <u>C</u> -
KB-21 Tombar	127	T D-4	42 X	×I	x	1231 A	č	GB · 33 March 3	30	T FD-2	54 X	X X X X X X	8.5% A	<u>c</u>
KB -22 Limagoes	57	T D 3	45 X	×××	×Ι	1434 O	В	GB-34 Marcth 5	113	T F-2	29 X	X X	14.14 O	B.
KB-23 Mazras Neji	68	T D.3	31 X	×.	×Ι	12.49 A	<u>c</u>	G8 · 35 Marcth 6	88	T F-2	40 X		11.37 0	8
KB-24 Our El Farth Let 2	55	7 D.3	52 X	<u></u>	××××	22.84 O	_B_	GB-36 Zarat 2	134	T F-2	47 X	X X X X	954 A	C
KB - 25 Stiftimi	82	7 D 3	53 X	9	쓸	11.85 △		GB - 37 Zerkine 1 et 3	116	T F-2	50 X	X X	1289 △	Ç
KB -26 Saldane KB -27 Barghouthia	30 52	N FD-2	44 X	<u>-</u>	X	16.39 O	-	GB 38 Zcrkine 2	136	T F-2		XX	364 △	c
KB-28 Barnia	146	T DF 2	<u> 37 </u>	×	ŷΕ	1161 4	ĉ	GB 40 Machsia	30 58	T F-2	-43 X	0 × 0 ×	13.04 🚓	C
KB-29 B'chelli	135	T D.4	-#-\$		X X	1339 4	ċ	GB-41 Kettana I	98	1 61		취숙	13.74 O	D.
K8-30 Blidette	75	T D-3		×××	X	24.29 O	Ā	GB -42 Kellana 3	140	T F-1	44 X	$\mathbf{x} \mathbf{l} \mathbf{x}$	10.14 A	ċ
KB-31 Zarcine	70	T D.3	34 X	×	X X	26.8% O	A	GB 43 Kettana 4	125	T F.1	36 X	XX	13.19 Δ	c
KB-32 Jones	112	7 D-3	56 O	0		15.19 O	C	G8 44 Sidi Scilain	120	N F-1	50 · X	$\overline{\mathbf{x}} \overline{\mathbf{x}}$	18.54 O	B
NB-33 Miouria	81	T D 3	40 X	×	X.	22.07 0	<u>A</u>	GB 45 Zrig Barrania	71	1 0.2	46 X	XX	6.01 🛆	¢
KB-34 Msald	95	T DF-2	40 X	ΞĮ.	8	23.01 0	- <u>A</u>	G8-46 Ghandri	30	N F-1	47 X	××	BXR X	D.
KB -35 Rahmat	85	T DF - 2	#-¥	×	×	1259 A	<u> </u>	68-47 Ltdraft	35	N E-1	47 X	X X	5.24 X	D
KB -36 Ras El Ain KB -37 Souk El Baica	265 65	T DF-2	47. X 48. X	××	×	11.84 A	<u> </u>	GB 48 Lagram 3	7,133	N F-1		ХX	2.44 X	D
KB -38 Ben Zitoun Let 2	147	T D-3	並文	ŝ١	Ŷ١	21.64 O	- <u>B</u> .	Sub-total / Average (48)	7,133	· · · · · · · · · · · · · · · · · · ·	46		159%	
NB-39 Boundac	94	T D-4	33 X			1269 Å	-ĉ	Total (153)	13.435		45	٠.	13.7%	1
								L					ALCOHOL:	
Remarks:		O Salisty th	4.5								1			

Imgation Facilities: O Sailsty the design criteria
O Mostly sailsty the design criteria
X Not sailsty the design criteria
Drainage Facilities: O Sailsty the design criteria
O Mostly sailsty the design criteria
X Not sailsty the design criteria

O Very Important for lourism
O Relatively Important for lourism
X Unimportant for lourism.

T: Traditional Oasis O: Otive
N: New Oasis D: Date Palm
A: Annual Crops F: Fruits Tree

0: above 209 0: 20:147

Δ: 14-759 X: bdox759

A: Higher
B: High

C : Medium D : Low

Tableau 4.4.3.2 Evaluation générale des oasis pour le Projet de développement agricole

	Gafsa	To	Tozeur	Kebili	P.	Ga	Gabes		Total	zi	
Description	No. Area	No.	Area	No.	Area	No:	Area	No.		Area	
	(ha)		(ha)		(ha)		(ha):	- :		(ha)	
153 Oases Area	\$ 3.467	90	5.622	7.9	7.213	84	7.133	52		23.435	
1. Irrigation Facilities					• •				ţ .	713	
1.1	0	რ 0	837	9	480	-	28	10	6.5%	1,375	5.9%
1.2 O: Mostly satisfy the design criteria	0	9	403	٠ د	238		180	12	7.8%	1,121	4.8%
1.3 X : Not satisfy the design criteria	8 3,467	7	4,382	99	6,195	46	6.895	131	85.6%	20,939	89.3%
2. Drainage Facilities			-						4 2		
	6 3.185	ω	338	4	348	(1)	128	15	9.8%	3,999	17.1%
2.2 O: Mostly satisfy the design criteria	0	0	606	7	572	63	238	13	8.5%	1,719	7.3%
2.3~ imes . Not satisfy the design criteria	2	23	4,375	56	6,293	4	6,767	125	81.7%	17.717	75.6%
3 Townson									1		
3.1 ©: Very important for tourism	0	0	205	0	0	0	0	Ś	3.3%	205	0.9%
3.2 O: Relativery important for tourism	0 0	2	1.001	0	0	0	0	7	1.3%	1,00,1	4.3%
3.3 X: Unimportant for tourism	8 3,467	7 23	4,416	67	7.213	48	7.133	146	95.4%	22,229	94.9%
4 Economic Evaluation (ETRR)						-				*.:	
2.1 ①: above 20%	6 2,702	2	1,578	18	1,725	S	1,914	34	22.2%	7.919	33.8%
22 0:20-14%	1 700	5	1.941	20	2,353	16	2.847	45	29.4%	7.841	33.5%
2.3 △: 14-7.5%	1 65	11	863	22	2.554	20	2,194	52	35.3%	5.676	24.2%
2.4 × : below 7.5%	0	6	1,240	7	581	4	178	50	13.1%	1,999	8.5%
		<u>:</u>									
5. Ranking for Agricultural Development				,				(1	•
5.1 A : Higher ranking	1 217	. 5	1,578	 4	1.414	ŋ	1,914	 3	16.3%	5,123	21.9%
5.2 B : High ranking	6 3,185	\$	1,941	23	2.548	18	2,667	22	34.0%	10,341	44.1%
5.3 C : Medium ranking	1 65	5 11	863	23	2,670	77	2,374	26	36.6%	5.972	25.5%
5.4 D : Low ranking	0	6 0	1,240	7	581	4	178	ន	13.1%	1,999	8.5%

Tableau 4.4.3.3 Oasis objets du projet, surface et estimation générale

THE RESIDENCE OF THE PROPERTY OF THE PARTY O	Oa	SIS		To	tal	
Gouvernorat/Délégation	No.	Area	Α	В	C	D
1. Gafsa						
1.1 Gafsa Sud	2	1,401	0	2	0	0
1.2 Guetar	1	450	0	1	0	0
1.3 Ksar	2	1,278	0	2	0	0
1.4 Metalaoui	··· ': <u>2</u>	121	0	1	1	0
1.5 Redeyef	1	217	1	0	0	0
Sub-total	8	<u>3.467</u>	1	<u>6</u>	1	Ō
2. Tozeur		. 0.40			:	
2.1 Tozeur	10	1,860	1	3	5	1
2.2 Nesta	5	1,602	1	0.	1	3
2.3 Hazoua	4	436	2	0	2	0
2.4 Degache	6	1,519	1	2	3	0
2.5 Tamerza	5	205	0	0	0	5
Sub-total	30	5.622	<u>5</u>	<u>5</u>	Щ	2
3. Kebili		1.004	4	7	3	0
3.1 Souk Lahad	14	1,824				
3.2 Kebili Nord	12	1,306	1	7	4	0
3.3 Kebili Sud	18	1,987	8	2	8	0
3.4 Douz	13	1,265		2	4	6
3.5 Faoaur	10	831	0	5	4	1
Sub-total	<u>67</u>	7,213	14	23	<u>23</u>	7
4. Gabes		750	0	2	3	0
4.1 Gabes Est	5			2	<i>3</i>	0
4.2 Gabas Ouest	5	1,096	2		1	
4.3 Ghahhouch	5	1,085	1	3	l 1	0
4.4 Metouia	3	763		1	l	0
4.5 El Hamma	11	1,555		5	5	0
4.6 Mareth	17	1,794	0	5	10	2
4.7 Matmata	2	90	0	0	0	2
Sub-total	48	<u>7,133</u>	5	<u>18</u>	21	4
<u>Total</u>	<u>153</u>	<u>23,435</u>	<u>25</u>	<u>52</u>	<u>56</u>	<u>20</u>

Ref.: 表 4.4.3.1, 4.4.3.2

Tableau 5.1.2.1 Rendement des principaux produits agricoles "avec le projet"

Galsa Governo GS 1 Kasb GF 2 Sud GF 3 El G GF 4 Lalla GF 5 Oved GF 6 Oved GF 7 Thely GF 8 Sept Aven Tozeur Covert TZ 1 Tozeur TZ 2 Kest TZ 3 Oved TZ 4 Kest TZ 7 Heb TZ 1 Kest TZ 1 Cest TZ 2 Cest	cobe d'Ouest Guesta Guesta Illa Kear red Shili refia gdoud crage ernorate zeur stilla ed El Kourba flayens	Date Palm (880 8.90 8.90 8.90 8.90 8.90 8.90 8.90 8	900 21 900 21 900 21 900 21 910 21 910 22 910 22 910 22 910 23 910 23 91	100 Other 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 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Tarfore KB-67 Tarfore Cabes Covernorate GB-1 Ain Zrig GB-2 Temoula 1	6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4		15 15 15 15 15 15 15 15 15 15 15 15 15 1			Water St. Yegel. 1 14.3 13.6 13.5 13.6 13.7 13.6 13.7 13.6 13.7 14.0 13.7 14.0 13.7 14.0 13.7 14.0 13.7 14.0 13.7 14.1 14.6 13.7 14.1 14.6 14.6 15.2 22.7			Code
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172. 4 Nefta 172. 5 Chez 172. 6 Helb 172. 7 Helb 172. 8 John 172. 19 John 172. 10 Hazo 172. 11 Hazo 172. 12 Ghar 172. 13 Hazo 172. 14 Chal 172. 12 Chal 172. 12 Chal 172. 12 Chal 172. 13 Chal 172. 13 Chal 172. 14 Chal 172. 15 EH. Aver 172. 15 EH. 172. 16 Hazo 172. 17 Leg 172. 18 Chal 172. 18	flayens coass the Est the Ovest on 1 to 2 the outer on 2 the outer on 2 trous 2 trous 2 trous 3 trous 3 trous 3 trous 3 trous 4 trous 4 trous 4 trous 4 trous 4 trous 5 trous 6 trous 6 trous 7 trous	6.90 6.90 6.90 6.90 6.90 6.90 6.90 5.50 5.50 5.50 5.50 6.90 6.90 6.90 6.90 6.90 6.90	3.20 3.20 3.20 3.20 3.20 3.20 3.20 3.10 3.10 2.20 3.20 3.20 3.20 3.20 3.20 3.20 3.2	250 2 250 2	180 2 180 2 280 2 280 2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	15.3 15.3 12.7 12.7 15.3 15.3 15.3 15.3 15.3 15.3 15.5 14.1 15.1 14.9 12.7	11.80 11.80 11.80 13.23 10.37 11.80 9.90 11.95 9.76 11.90 11.90 10.37 10.60	86.1 86.1 86.1 86.1 86.1 86.1 87.0 17.0 79.7 79.7 86.1		KB -54 Chidma KB -59 Sabria KB -60 Facura I KB -61 Facura I KB -61 Facura 2 KB -62 Bochni KB -63 Region I KB -65 Region I KB -65 Region I KB -67 Tanfayet Elma Average Gabes Governorate GB - 1 Am Zrig GB - 2 Temoula I	6.4 6.4 6.4 6.4 6.4 6.7 6.7 6.2 6.3	44	35 35 35 35 35 35 35 35 35 35 31 35 31 31 31 31 31 31 31 31 31 31 31 31 31	27 26 27 13.2 13.2	29 28 29 29 29 29 28 29 28 29 28 35 55	13.7 140 140 15.9 13.7 13.7 14.1 14.5 14.1 14.6	10.7 11.1 11.3 10.7 11.4 10.9 10.5 11.9 11.4 13.8	516 516 516 516 515 516 552 516 552 53.4 552 54.5	
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172 - 6 Helb 172 - 7 Helb 172 - 8 John 172 - 8 John 172 - 11 Nefur 172 - 12 Ghar 172 - 13 Hazo 172 - 13 Hazo 172 - 13 Hazo 172 - 10 Code 172 - 10 Code 172 - 12 Code 173 - 14 Code 174 - 175 Code 175 - 175 Code 176 - 175 Code 177 - 175 Co	the Dest the Overs the Town th	6.90 6.90 6.90 6.90 6.90 6.90 5.50 5.50 5.50 6.90 6.90 6.90 6.90 6.90	3.20 3.20 3.20 3.20 3.20 3.20 3.20 3.10 3.10 3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20	250 1 250 1 250 1 250 1 250 1 250 1 250 1 250 1 250 2 250 2 250 2 250 2 250 2 250 2	180 2 180 2 180 2 180 2 180 2 180 2 180 2 180 2 180 2 180 2 280 2 280 2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	15.3 12.7 12.7 15.3 13.7 15.3 14.3 15.5 14.1 15.1 14.9 12.7 13.2	11.80 13.23 10.37 11.80 10.37 11.80 9.90 11.95 9.76 11.90 10.37 10.50	85.1 86.1 86.1 86.1 86.1 87.0 17.0 19.7 29.7 86.1		KB-60 Facuar I KB-61 Facuar 2 KB-62 Bohnl KB-63 Region I KB-65 Region I KB-66 Region 2 KB-67 Tarfoyet Elma Average Gabes Governorate GB- I Aln Zrig GB- 2 Temoula I	6.4 4.8 6.4 4.7 4.7 6.3	44	3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	2.6 2.7 13.2 13.2	29 29 29 28 29 28 29 5.5	15.9 13.7 13.7 14.1 14.5 14.1 14.6	10.7 11.4 10.9 10.5 11.9 11.4 13.8	54.6 55.2 54.6 55.2 53.4 55.2 54.5	
172 - 7 Hefts 172 - 8 John 172 - 9 John 172 - 19 John 172 - 11 Nefts 172 - 12 Ghar 172 - 13 Hazo 172 - 13 Hazo 172 - 19 Oued 172 - 10 Oued 172 - 10 John 172 - 12 Cada 173 - 14 Cada 174 - 15 Cada 175	the Ouest in 1 in 2	6.90 6.90 6.90 6.90 6.90 5.50 3.50 3.50 6.90 6.90 6.90 6.90 6.90	3.20 3.20 3.20 3.20 3.20 3.20 3.10 3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20	150 1 250 1 250 1 250 1 250 1 250 2 340 3 340 3 250 2 250 2 250 2 250 2	180 1 180 2 180 2 180 2 180 2 180 2 180 2 180 2 280 2 280 2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	12.7 15.3 15.3 15.3 15.3 15.5 14.1 15.1 14.9 12.7 13.2	13.23 10.17 11.80 10.37 11.80 9.90 11.95 9.76 11.90 10.37 10.50	85.1 86.1 86.1 81.8 87.0 87.0 79.7 79.7 86.1		KB - 62 Bochel KB - 64 Matroche KB - 65 Regins I KB - 66 Regins 2 KB - 67 Tarfayet Elma Average Gabes Governorate GB - 1 Am Zrig GB - 2 Temoula I	4.8 6.4 4.7 4.7 4.7 4.2 6.6	44	35 35 35 35 35 35 35 33	2.6 2.7 13.2 13.2	29 29 28 29 28 29 28 27	13.7 13.7 14.1 14.5 14.1 14.6 32.2 28.7	11.4 10.9 10.5 11.9 11.4 11.8	552 546 552 53.4 552 54.5 66.0 66.0	
172 - 8 John 172 - 9 June 172 - 14 Nohu 172 - 14 Nohu 172 - 15 Hazo 172 - 15 Hazo 172 - 15 Oscar 172 - 21 Coda 172 - 22 Ogo 172 - 23 Ogo 172 - 24 Coda 172 - 25 ElH Nohu 172 -	mi l m 2 inte manigaya moua 1 moua 2 moua 3 moua 4	6.90 6.90 6.90 3.50 3.50 3.00 6.90 6.90 6.90 6.90 6.60	320 320 320 320 3.10 3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20 3.2	2.50 1 2.50 1 2.50 1 2.50 1 3.40 3 2.50 1 2.50 1 2.50 2 2.50 2 2.50 2 2.50 2 2.50 2	180 2 180 2 180 2 180 2 180 3 1.70 3 180 2 180 2 180 2	1 1 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.3 15.7 15.3 14.3 15.5 14.1 15.1 14.9 12.7	11.50 10.57 11.89 9.90 11.95 9.76 11.99 11.90 10.37 10.50	86.1 86.1 81.8 87.0 87.0 79.7 79.7 86.1		KB - 64 Matrocha KB - 65 Regim I KB - 65 Regim I KB - 67 Tanfayet Elma Arrerage Gabes Governorate GB - 1 Am Zrig GB - 2 Temoula I	6.4 4.7 4.7 4.7 6.2	44	3.5 3.5 3.5 3.5 3.5 13.2	2.6 2.7 13.2 13.2	29 28 29 28 29 28 25	13.7 14.1 14.5 14.1 14.6 32.2 28.7	10.9 10.5 11.9 11.4 11.8	51.6 55.2 53.4 55.2 54.5 66.0 66.0	
TZ - 9 Aban TZ - 11 NcAn TZ - 11 NcAn TZ - 12 Ghar TZ - 16 Hazo TZ - 17 Hazo TZ - 18 Hazo TZ - 19 Oued TZ - 10 Toor TZ - 21 Coha TZ - 22 Dgh; TZ - 23 Degi TZ - 24 Coha TZ - 25 EIH Avec Kebdi Covern KB - 1 Boch KB - 2 Bour KB - 3 Fata KB - 4 EIG KB - 5 Man	the actifying account of the actifying account	5.90 5.90 5.50 5.50 5.00 5.00 6.90 6.70 6.90 6.60	320 320 320 310 310 220 220 320 320 320 320 320	2.50 1 2.50 1 2.50 3 3.40 3 3.40 1 2.50 2 2.50 2 2.50 2 2.50 2 2.50 2 2.50 2	180 2 180 2 180 2 180 3 3.70 3 180 2 280 2 280 2	1 1 6 6 7 7	13.7 15.3 14.3 15.5 14.1 15.1 14.9 12.7	10.57 11.89 9.90 11.95 9.76 11.99 11.90 10.37 10.60	86.1 81.8 87.0 87.0 79.7 29.7 86.1		KB-65 Regim I KB-66 Regim 2 KB-67 Tarfsyet Elma Average Gabes Governorate GB- I Am Zrig GB- 2 Temoula I	41 41 41 43	44	3.5 3.5 3.5 3.5 13.2	2.6 2.7 13.2 13.2	28 29 28 29 55	14.1 14.5 14.1 14.0 32.2 28.7	10.5 11.9 11.4 11.8	55.2 53.4 55.2 54.5	
TZ-12 Ghar TZ-16 Hazo TZ-17 Hazo TZ-18 Hazo TZ-19 Oued TZ-20 Toz TZ-21 Ceda TZ-21 Ceda TZ-22 Cgh TZ-23 Ces TZ-23 Ces TZ-25 EIH Ave Kebdi Govern KB- 1 Book KB- 2 Bou KB- 3 Fato KB- 4 EIG KB- 5 Man	nerdynys neous 1 neous 2 neous 2 neous 3 neous 4 neous	6.90 5.50 5.50 5.00 5.00 6.90 6.90 6.90 6.90 6.90 6.80	3.20 3.20 3.10 3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20 3.2	250 1 250 2 340 3 340 1 250 1 250 1 250 1 250 1 250 1	180 2 180 2 3,70 3 180 2 280 2 280 2 280 2	1 6 6 7 7 7 7 7	15.3 14.3 15.5 14.1 15.1 14.9 12.7	11.89 9.90 11.95 9.76 11.90 11.90 10.37 10.60	86 1 81.8 87.0 87.0 79.7 79.7 86.1		KB - 66 Rejim2 KB - 67 Tarfayet Elma Average Cabes Governorate GB - 1 An Zrig GB - 2 Temoula 1	47 47 63 66	44	3.5 3.5 3.5 13.2	2.7 13.2 13.2	29 28 29 55 55	14.5 14.1 14.6 32.2 28.7	11.9 11.4 11.8 17.2 16.2	\$3.4 \$5.2 \$4.5 66.0 66.1	
T2-16 Hard T2-17 Hard T2-18 Hard T2-19 Oxed T2-10 Idea T2-20 Fort T2-21 Cyb. T2-23 Org. T2-24 Chil. T2-22 Eil. Avec Kebdi Covern KB- 1 Boch KB- 2 Bous KB- 3 Fata KB- 4 EiG KB- 3 Man	zoua I zoua 2 zoua 3 zoua 3 zed Loghrisai zoraria dada jhoumes rgarbe sakniou Hamana	6.90 5.50 5.50 5.00 5.00 6.90 6.90 6.90 6.90 6.90 6.90	3.20 3.10 3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20	2.50 2 3.40 3 2.50 2 2.50 2 2.50 2 2.50 2 2.50 2 2.50 2	180 2 3,70 3 180 2 280 2 280 2 280 2	1 6 6 7 7 7	14.3 15.5 14.1 15.1 14.9 12.7	9.90 11.95 9.76 11.90 11.90 10.37 10.60	81.8 87.0 87.0 79.7 79.7 86.1		KB - 67 Tarfayet Elma Average Gabes Governorate GB - 1 Alm Zrig GB - 2 Temoula 1	4.7	44	3.5 3.5 13.2 13.2	13.2 13.2	28 23 55 55	14.1 14.6 32.2 28.7	17.2 16.2	54.5 66.0 66.1	
TZ-17 Hard TZ-18 Hard TZ-19 Oued TZ-21 Ceda TZ-21 Ceda TZ-22 Deba TZ-23 Depa TZ-24 Ceda TZ-25 E1H Avec Kebdii Covern KB-1 Bock KB-2 Bouc KB-3 Fatas KB-4 E1G KB-5 Man	rous 2 rous 3 red Loghrissi verarit dada phoimes rgache Hamma verage	5.50 5.50 5.00 5.00 6.90 6.90 6.90 6.90 6.90 6.90	3.10 3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20	3.40 3.40 2.50 2.50 2.50 2.50 2.50 2.50	3.70 3 1.80 2 1.80 2 1.80 2 1.80 2	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.5 14.1 15.1 14.9 12.7 13.2	11.95 9.76 11.90 11.90 10.37 10.60	87.0 87.0 79.1 79.1 86.1		Average Gabes Governorate GB - 1 Am Zrig GB - 2 Temoula 1	6.6	44	13.2 13.2	13.2 13.2	5.5 5.5	32.2 28.7	17.2 16.2	66 C 66 I	
TZ - 18 Hazo TZ - 19 Oued TZ - 20 Form TZ - 21 Ceda TZ - 22 Dgbs TZ - 23 Deg: TZ - 24 Ceda TZ - 25 E1H Avec Kebdi Govern KB - 1 Bock KB - 2 Bous KB - 4 E1G KB - 5 Man	grous 3 sed Loghrisal serarit dada ghoimes rgache ankniou Hamma	5.50 5.00 5.00 6.90 6.90 6.90 6.90 6.90	3.10 2.20 2.20 3.20 3.20 3.20 3.20 3.20	3.40 1 2.50 1 2.50 1 2.50 1 2.50 1 2.50 1	3.70 3 2.80 2 2.80 2 2.80 2 2.80 2	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.1 14.9 12.7 13.2	11.90 11.90 10.37 10.50	79.1 79.1 86.1		GB - 1 An Zrig GB - 2 Temoula I			13.2	13.2	5.5	28.7	16.2	66.I	
TZ - 20 Torr TZ - 21 Ceda TZ - 22 Dgb TZ - 23 Oega TZ - 24 Ceda TZ - 25 E1H Avec Kebdii Govern KB - 1 Boch KB - 2 Bou KB - 3 Fans KB - 4 E1G KB - 5 Man	oziańst dada głośmes rgache nakrócu Hamma	5 00 6.90 6.90 6.70 6.90 6.60	2 20 3 20 3 20 3 20 3 20 3 20 3 20	250 1 250 250 1 250 1 250 1	280 2 280 2 280 2	1 1 1 1	14.9 12.7 13.2	11.90 10.37 10.60	79.1 86.1		GB - 1 An Zrig GB - 2 Temoula I			13.2	13.2	5.5	28.7	16.2	66.I	
TZ-21 Ceda TZ-22 Dgbc TZ-23 Deg: TZ-24 Cada TZ-25 E1H Avec Kebdi Govern KB- 1 Boch KB- 2 Bous KB- 3 Fata KB- 4 E1G KB- 5 Man	dada ghoumes egache sakroou Hamma recuge	6.90 6.90 6.70 6.90 6.60	3 20 3 20 3 20 3 20 3 20 3 20	2 50 2 50 2 50 2 50 2 50	2.80 2 2.80 2	7 . .) .7	12.7 13.2	10.37 10.50	86.L		GB - 2 Temoula I			13.2	13.2	5.5	28.7	16.2	66.I	
TZ-22 Dgbc TZ-23 Degi TZ-24 Chak TZ-25 E1H Avec Kebdi Govern KB-1 Bock KB-2 Bous KB-3 Fata KB-4 E1G KB-3 Mon	ghournes rgache nakroou Haruna recage	6.90 6.70 6.90 6.60	3.20 3.20 3.20 3.20	2.50 1 2.50 1 2.50 1	2.80 2 2.80 2	.1	13.2	10.60		200			4.4	13.2	13.3	**		11.2	66.6	3.7
TZ-23 Degi TZ-24 Chak TZ-25 E1H Avec Kebili Govern KB-1 Bock KB-2 Bous KB-3 Fata KB-4 E1G KB-5 Men	egarbe nakroou Hamma verage	6.70 6.90 6.60	3.20 3.20 3.20	2.50 2 2.50 2	2.80 2	.1					GB - 3 Temonia 2	6.6				3.7	32.2		00 U	1.1
TZ-24 Chak TZ-25 E1H Avec Kebdi Govern KB-1 Book KB-2 Bous KB-3 Fatas KB-4 E1G KB-5 Man	nakriou Hamma recuge	6.90 6.60	3.20 3.20	250	201			10.37	86.1		GB . 4 Zing dalah birin	5.6		13.2	13.2	5.5	32.3	143.	66 1	1.7
Kebdi Govern KB- 1 Bech KB- 2 Bous KB- 3 Fata KB- 4 EIG KB- 5 Mass	recoge			4 4 4	+ DV - F	3	12.1	11.80	85.1		GB - 5 Teboulbou	6.6	44		13.2	5.5	31.3	16.5 17.0	66.1	1.7
Kebdi Govern KB- 1 Bech KB- 2 Bous KB- 3 Fata KB- 4 EIG KB- 5 Mass		673	2 14			7_	13.7	10.63	85.1		GB - 6 Ousis de Cabes GB - 7 Limaoua l et 2	6.6	44		13.2 13.4	5.5 5.6	31 I 31 6	17.1	66.8	1.7
KB-1 Both KB-2 Bous KB-3 Fata KB-4 EIG KB-5 Mon	- 1		3.11	2.4	2.90 2		13.9	10.66	95.8		GB - \$ Mdeu	6.6	4.4		13.2	5.5	32.3	18.2	66.1	1.7
KB-1 Both KB-2 Bous KB-3 Fata KB-4 EIG KB-5 Mon						7					GB - 9 Chott El Ferik	6.6		13.7	13.7	5.1	32.2	16.9	68.1	1.1
KB-2 Bour KB-3 Fata KB-4 EIG KB-5 Mon		6.40	5.10	3 50		9 .	13.6	11.27	54.6		GB - 10 Bouchenns	6.6			13.2	5.5	32.3	17.4	66.1	1.7
KB-4 EIG KB-5 Man		6.70	5.10	3.50	-	9	11.4	11.27	516	. "	GB-11 Mabjoub	6.6	44		13.2	5.5	31.4	16.9 16.9	66.0 66.1	1.7
KB - 5 Man		6.40	-			9	11.4	10.90	34.6	1.1	G8 - 12 Salera G8 - 13 Sbout	6.6				5.5	30.9	16.6	66 1	1.7
-1-		6.40				9	13.4	10.14	54.6 54.6	1	GB - 14 Faycal	6.6			13.2	5.5	31.4	16.9	66.0	1.7
	1.0	6.40 6.40	3.10	3.50	- 1	9	12.9	10.35	54.6	- [GB-15 M zina Oberaouch	6.6	4.4	13.2	13.2	5.5	31.4	14.9	66.0	1.1
K9 - 7 Ours		6.40	5.10			9	13.9	10.53	546	1.0	GB - 16 Melouis	6.6		13.2	13.2	5.5	31.4	16.9	66.1 66.1	1.7
X8 - 8 Over		6 50				0	14.0	9.61	52.1		GB - 17 Ovedbref	66			13.2	5.5	31.4 31.1	17.0	66.0	1.3
KB - 9 Ouk		6.43		3.50		1.9	13.4	10.35	54.6 54.6		GB - 18 Aouinette GB - 19 Cheschou I	1 °°	1.2		12.6	5.2	30.5	16.5	66.1	- :
KB-10 Tene	enchig soulet El Anes	6.40		3.50 3.50		.9 .9	14.7 14.4	10.74	54.6		GB - 20 Chencheu 2	1	4.5		13.4	5.6	30.2	17.3	66 B	
	ouiet El Harth	6.50	5.50			Ĵ	14.0	12.00	54.6		GB - 21 Tetouri	6.6		13.2	13.2	5.5	29.8	17.4	66 0	٠.
KB-13 Zire		6.40		3.50	7	2.9	13.9	10.60	54.6	100	G9 - 22 Hanna casis	6.6		13.2	13.2	5.5	310	16.9	66 D	
KB-14 Cho	hourbet Nagga	4.60	4	3 50		LQ.	14.1	9 92	55.2	11	GB · 23 Mziras bamma	6.6		13.2 13.2	13.2 13.2	5.5	29.9 29.9	17.4	66 I	
	Gataye.	6.40	5.10			2.9	141	10.35	54.6 54.6	: 1	GB - 24 Bochima I GB - 25 Bochima 2	6.6		4 4 4 4 4	13.2	5.5	29.4	15.0	61.7	
KB - 16 Jedie KB - 17 Mac		6.40	5.10 5.10	3.50		2.9 2.9	13.7	12.00	54.6	: 1	GB - 26 Khebeyet	6.6			13.2	5.5		16.9	66.1	
KB-18 Rab	. 1	6.40	3.0	3.50		2.9	13.6	12.00	54.6		GB - 27 Ben Chilouf	6.6	44		13.2	5.5		16.9	66.0	
KB-19 Tem		6.40	5.10			9	15.9	11.53	54.6		GB - 24 G5b Dokbane	6.1			1	5.5		18.2 19.4	66.1	1
KB-20 Tem	entrib	6.40		3.50		2.9	13.7	10.68	54.6		GB - 29 Out d Nel his	6.6	-) 132	13.2	5.5 5.5		\$6.6	661	- 11
KB 21 Tem		. 6.40	5.10	3.50		9.9	13.5	13.13	49.6		GB - 30 Anan GB - 31 March I	6.0			13.2	3.5	1.0	17.4	66.1	
KB-22 Llan		6.40	5.10 5.10	3.50 3.50		19 19		11.27	54.6 54.6		GB-32 Mach 2	6				5.5		16.6	66.1	. ;
KB-23 Mez KB-24 Our	ura El Farda I el 2	6.50	5.10	3.50			13.4	11.73	54.6		GB - 33 March 3	6.0	4.4				323	16.9	66 1	13
KB 25 Sun		6.40	510	3.50		2 9	14.4	10.74	54.6		GB - 34 March 5	5.0					31.0		66.0	1
KB - 26 Said		4.60	3.90	3.50		3.0	13.5	9.92	55.2		GB - 35 March 6	6.0			13.2	5.5		16.9 16.6	65.1 66.0	
KB-27 Ber		6.40	5 10	3.50		2.9	13.8	10.90	54.6		GB - 36 Zark 2 GB - 37 Zerkine 1 et 3	6.6				5.5		16.9	66.0	
KB 20 Bez		6.40				29 29	12.9 13.8	10.90	54.6 54.6		GB - 34 Zertine 2	8				3.5		16.9	66.0	· ·
KB 29 Bct KB 30 Btd	2.1	6.40 6.40	5.10 5.10	3.50	-	29	13.6	10.98	54.6		GB - 39 Ayoung Zerking	6.0				5.5		16 9	66 0	100
KB-3t Zaro		6.40		3.50		3.0	13.7		54.6		GB - 41 Kettans I	6.6				5.5		17.4		-
KB-32 Jem		6.40	5.10	3.50		3.6	2 1 1	(1.27	\$4.6		GB : 43 Kettana 3	6.6			,	5.5		14.3		
K8-33 Mio		6.40	510	3 50		2.9		11.27	54.6		GB - 43 Ketana 4	6.6		•		5.5		18.7 16.6		I.
K8-34 Ms		6.40				2.9	1.0	10.14	54.6		GB - 41 Sidi Sellem	2.7	£ 5.1			6 2 5.5		18.2	66.1	1
KB-35 Rah	(sa) d			3.50		19		13.10	-12		69 - 45 Zrig Barrania A verage	+		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				16.5		
KB-36 RM KB-31 Sou	डिक्ट भौगाओं	6 40 6 40	510 510	3.50		29		11.27	54.6			6	, 4.4			5.5	313			ı.

Source: IICA study team estimation Remarks: Veget; Vegetables, Indus; Industrial

Tableau 5.1.2.2 Rendement des principaux produits agricoles "sans le projet"

		den da
Code	Date Pape- Fig and Winter Summo Fodder Indus. Code	Date Pows Fig and Winter Summer Fodder ladus
No Name of Ossis		and of Oasia Palm Office granate Agrical Others Veget, Veget, Crops crops
	tent one base Marce open select street Clobs such 140 14	200 00 0000 Family Only Emilian Value Const. 1650 Civia Civia
Cafas Governorate	Kebrit Gove	
GP 1 Kasta		en Ziroun (et 2 5.7 45 45 24 26 126 93 47.9
CF- 2 Sod Oved	75 79 80 188 78 232 170 582 KB-39 B	
GF 3 El Guettar	7.4 7.8 7.9 1A.7 7.7 23.3 15.5 58.0 RB 40 O	
CF · 4 Lalla	7.7 &1 82 19.4 &0 242 17.4 60.1 KB -41 K	
GF-3 ElKsar		and the first of t
CF- 6 Oued Shill	1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
GF 1 Thelia		
CF- 8 Segious	1 a 8	
Average		
Average		
Tozeur Governorate	KB 50 N	
17 - 1 Tozeus	KB - 53 B	
TZ- 2 Kasida	62 29 22 25 24 126 95 766 KB-53 K 62 29 22 25 24 138 107 775 KB-56 E	
12 3 Oud El Koucha	□ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	The state of the s
	63 29 23 26 25 140 108 785 KB-57 50	
TZ- 4 Neffayette	l	hidmu 5.7 24 13.0 10.2 52.0
TZ- 5 Chemia	64 30 23 26 25 143 110 779 KB 59 Sa	
12- 6 Heiba Ex	59 27 21 24 23 130 100 726 KB-60 Fe	
TZ 7 Helba Ouest	63 29 23 25 24 116 121 784 K9 61 Fa	The state of the s
12- 1 Dan 1	56 26 20 23 22 103 R4 692 K8-62 B	
172-9 Jhán 2	61 28 22 24 24 134 104 753 KB-64 M	
TZ-11 Nefta	60 28 21 24 23 119 90 742 KB-63 R	
TZ-12 Ghardgaya	60 28 22 25 26 13.5 10.4 75.6 KB-66 R	Tak 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1 a - 1
TZ-16 Hazous I	59 27 21 24 23 128 88 73.1 KB-67 Ta	
TZ-17 Hazoun 2		rerage 5.5 4.5 4.5 2.6 2.6 12.4 9.8 48.3
TZ-18 Harces 3	43 19 22 25 24 124 86 766	
TZ-19 Oved Logivissi	42 19 21 24 23 133 103 747 Gebes Garei	rmorale
TZ-20 Touracit	42 19 21 24 23 131 103 747 GB L A	
TZ-21 Cedada	59 27 21 23 108 88 728 GB- 2 Te	mouls 40 40 121 50 262 148 603 15
TZ-22 Dahoumes	6.0 28 21 24 23 11.4 9.0 74.7 GB-3 Te	strouts 2 5.7 3.8 3.8 11.4 4.8 27.8 15.7 57.0 1.4
TZ-23 Degache	59 27 21 24 23 116 90 739 G9 4 27	ig d'Abblania 5.9 11.8 4.9 28.9 12.8 59.2 1.5
TZ-24 Chakmou	62 29 22 25 24 113 105 763 GB 5 Te	Southou 5.6 3.7 3.7 11.2 4.7 26.4 14.0 55.8 1.4
77-25 El Hammu	59 27 21 24 23 11.7 91 73.2 GB 6 O	iste de Cober 58 3.9 3.9 11.6 4.8 27.2 14.9 59.0 1.4
Average	59 27 22 25 24 122 9.3 750 GB 7 Li	maoualet 2 5.7 3.8 3.8 11.3 4.7 26.8 14.5 56.7 1.4
	GB 8 M	dou 56 3.8 3.8 11.3 47 27.6 15.5 56.5 1.4
RebB Covernorate	GB 9 Ca	ot B Foik 62 123 51 291 153 617 15
KB-1 Bechri	56 45 30 26 118 98 474 GB 10 80	exchemina 6.0 3.9 3.9 11.8 4.9 28.9 15.6 59.1 1.5
KB-2 Boustdallah	54 45 3.1 26 127 99 478 GB-11 M	abjoub 60 38 38 115 48 274 148 575 14
KB 3 Fanassa	5.9 4.7 3.2 2.5 2.7 13.1 10.0 49.8 GB-12 Sa	tem 5.9 3.9 3.9 49 27.5 15.0 58.5 1.5
KB 4 El Glian	5.6 4.4 30 2.4 2.5 11.5 8.8 47.0 GB 13 Sb	oui 58 3.8 3.8 48 27.0 14.5 57.7 L.4
KB - 5 Meachin	52 41 28 22 24 112 81 439 GB-14 Fa	yest 5.8 3.9 3.9 11.7 4.9 27.8 15.0 58.4 1.5
KB-6 Nagga		zima Ghannouch 5.8 3.9 3.9 11.6 4.8 27.5 14.8 57.8 1.4
KB 1 Ourn Somma	53 42 29 23 24 115 87 451 GB-16 M	
KB · 8 Ourd Zira	55 44 30 23 25 125 85 463 GB-11 O	reducef 5.7 3.7 3.7 11.0 46 263 141 580 1.4
KB 9 Quied Touati	5.5 41 28 24 107 83 43.6 GB- 18 Ao	
KB-10 Tenchig	55 44 30 23 25 125 9.2 46.7 GB-19 Ct	
KB-11 Zaociet El Asea	5) 45 30 26 125 98 474 G8-20 Ch	
KB-12 Zewiet El Harth	52 42 24 114 98 414 GB-21 Te	
KB · 13 Ziret Louhichi	58 45 32 27 125 96 492 G8-22 Ha	
KB · 14 Chouchet Nagga	41 31 26 124 87 483 G8 23 1/2	
KB-15 Gustaya	56 45 30 24 26 123 9.0 47.4 GB 24 Bo	
KD-16 Jedida	55 44 30 25 11.7 103 468 GB-25 Bo	
KB-17 Mansoura	52 42 24 11.7 9.5 44.4 GB 25 125	10 115 TO THE REPORT OF THE PARTY OF THE PAR
KB-18 Rabia	56 30 24 25 117 104 471 GB-27 Be	
KB-19 Telmine	55 44 30 23 25 13.6 9.9 46.7 GB 28 GB	
KB-20 Tembib	59 47 32 27 125 9.8 500 GB-29 Ou	
KB-21 Tombar	1	The second secon
KB 22 Limagues	n transfer of the control of the co	
KB 13 Mazraa Neji		
KB-24 Oum El Farth Let 2		
KB-25 Strimi		
KB-26 Saidage		
	41 34 31 24 26 119 87 485 GB-35 M	
KB-27 Barghouthis	57 46 31 24 26 (23 97 485 GB-36 Za	
KB -28 Bazma	5.7 47 32 25 27 118 455 GB-31 Za	
KB-29 Bichelli	5.7 4.6 3.1 2.4 2.6 12.3 9.7 48.5 GB-38 Ze	
KB-30 Bidene	5.7 4.5 3.1 26 12.1 9.7 47.9 GB-39 Ay	
KB-31 Zarcine	54 29 25 11.4 45.4 GB-41 Xe	
KB-32 Jenna	61 48 33 28 133 106 \$1.4 GB-42 Ke	
KB-33 Micuria	60 45 30 24 26 115 98 474 GB-43 Ke	Gana 4 5.6 3.6 3.6 10.7 4.5 31.7 15.2 1.3
KB-34 Msæd	55 30 23 25 115 93 468 GB-41 Sid	
KB-35 Rahrust	58 46 31 26 120 114 490 GB-45 Zn	g Barrania 39 39 49 283 161 584 15
KB-36 Ras El Ain	58 46 32 27 121 102 492 Av	erage 5.8 3.8 3.8 51.4 4.8 27.3 14.7 58.0 1.4
KB-37 Sout El Baica		ernee 5.8 6.1 6.1 12.6 4.2 18.2 13.2 St.4 1.4
Source + 17 *4 end		

Source: RCA study team estimation Remarks: Veget, Vegetables, Industrial

Tableau 5.1.2.3 Augmentation de la production agricole découlant de l'exécution du projet

and the second second	14.35 F	445.00	1		·			<u> </u>		- 1 :		cit : hoar)	
Code	Des la	as Figure	Winter Summer	Podder Butta	Code	Date		rono-			Summer		and a
No Nember Own	Para Olive Fr	esta Apricot Orbera	Vega. Vega.	Crop Crops	No Name of Ouris	<u>Pia</u>	Oliva	Lecus .	Aprien Ossan	Vege	Veget	Crop	Crops
Gate Covernorate	12 1		4.4 4.4		Rebit Corarecrate	96.6	0.6	0.8	03 15	123.9	70.5	268.1	1.
CP I Kuti	43.6 322.6	98 3059 116	X4 8 1903	\$41.5 1257.5	KB 30 Ben Zious 1 € 2 KB - 30 Boursion	42.0	0.4	4.9	02 10	60.6	9.0	243.0	1
CF-3 Sad Ouast	7 7 7 7	210 440 175 122 46 162	256.5 201.6 293.0 11.9	365.0	KB 40 CocEscs	58.8		0.7	63 69	59.0	41,4	305.0	1.
GF+ 1 El Guecer		122 46 168 194 112 134	134.8 197.4		KB-41 Kalvasica	35.2		95	0.0	245		180.0	
G SEIGH		\$1.8 323 14.0	168.7 235.0		KB 42 KB5a	33.6	0.9	0.4	03 04	16.3	23.0	1221	
G CodSSI	148.0	21.0 222 55.0	43	32.1	KB 4) Sed Sened	630		1.2	46 13	19.4	11.1	183.0	
GP 1 The Fa	52.0 12.0	1	22.5	66.5	KB-44 Auta	1124		35	0.6 5.2	280	13.0	4928	`
CF & Soudoud	294.1 19.0	24 36 96	355 724	192.0	Kill - 45 Douz	1723	6.0	3.4	1.9 45	224	8.7	402.0	
Sab total		2LS 3084 859		5164.7	KB 49 Rasy	37.0	1.6	1.2	0.4 1.2	17.4	7.8	2115	
					KB 50 Novell	64.0	3.0	- 15	06 15	27.5	115	324.0	
Toseur Governourale	1			·	KB 52 Bookenza	50.4	1.0	0.1	0.3 0.9	13.4	6.6	187.0	
TZ · 1 Tozaur	507.5 4.1	46 13 75	99.0 62.0	641.0	KB -53 Keer Chillege	27.6	06	0.5	. 63				
17 · 2 Kardia	27.5 2.2	0.9 6.4 2.0	60 4.6	51.6	KB-56 Dhomreta	25.2	:	0.5	63	16.4	5.1	144.0	
TZ • 3 Oved El Koucha	34.2 06	02 03 03	2.7 1.0		KB-57 Smile	33.6		13	62 66	16.6	4.0	231.0	
12 - 4 Nellayata	39.5 0.6	86 93 66	5.6 4.4		kB-54 Chidma	51.9		0.2	0.2	13.5		130.0	
Te 5 Change	40.5 0.4	64 03 00	42 33	After the second second	KB - 59 Sabeta	56.0		0.5	6.4 6.8	33.6	33.6	299.2	
TZ- 6 Helba Ext	67.0 0.3	08 08 1.6	4.7 3.5		KB - 60 Factor I	58.1		0.4	4.0 3.0	, ' 31.3 63	19.0	130.0	
72 - 7 Helbe Ovest	25.3 6.6	04 03 09	7.5 59	30.8 \$4.5	KB-61 Factor 2 KB-62 Bochni	31.0 51.6		6.0	6.5	16.4	19.0	199.8	
72 - 6 Jam	442 13	05 05 10 13 03 24	7.3 59 3.1 2.9		KB 64 Matouta	72.0		15	69 6	23.5		360.0	
72 9 haz 2	1300 12 1335 21	13 03 24 46 03 64	-		KB-65 Region I	49.0		0.6	01 03	26.1	15.6	408.0	
TZ-11 Nefta TZ-11 Grandzaya	29.7 0.4	06 03 03		31.5	KB - 66 Region 1	35.6		0,4	0.5	24.4		156.0	
TZ-16 Record	61.6 0.5	10 04 16		31.0	KB-67 Terkya Ema	21.1		Ö.B	0.6	16.6		160.0	
TZ-11 Razor 1	533 1.1	24 43			Seb total	C611	109.3	59.0	1LI 633	1435.7		150161	
72-16 Reaxs 3	259.3 2.4	14.1 16 96				1							
12 - 19 Oved Legistari	560 0.3	1.2 0.4 1.2	3.5 3.3	20.0	Cabo Governorate	1			1.0				
1Z-20 Tommi	31.2 12	0.4 0.6 1.2	5.8 3.3	10.0	68 - 1 Ao Zr g	55.1		44.3	39 55	36.5		140.8	2.2
TZ - 21 Codedo	49.0 1.5	44 48	5.7 4.6		G8 - 2 Teneuls 1		0.1	4.4	14.5 10.5	59		45.4	d.6
12 - 12 Ophouser	10.t 1.6	16 84 24	69 45		68 · 1 Tempola ?	3.6	0.6	10.0	7.1 3.5			18.0	6.9
12 - 23 Degarte	565 6 41.0	£0 12 60			GS - 4 Zrig dekhlenia	8.4		19.5	14 13	6.7	1.5 20.0	55.2 824.0	6.4 24.0
TZ - 24 Chelmon	54.5 1.2	09 03 12	43 25		GB - 5 Teodorbos	265.0	65.1	314.0	200 393	210.7 109.0		647.5	50.0
TZ - 25 El Remas	338.4 3.0	0) 01 36	505 346		G8 - 6 Carig de Cabas G8 - 7 Licanosa Lat2	346.0	133	124.1	147 548	153.8		232.3	1.8
Seb-foral	33164 69.3	41.6 12.9 S6.1	445.3 297.2	\$77.2	GO I Mary	16.0	1.1	17.1	20 10	9.3		86.4	2.4
Kithill Governorsk	7				GB - 1 Chot El Felk	1.6			41 - 12	6.3		30.1	2.4
KS I Barbri	1256 0.6	1.0 0.6	143 135	331.2	GB - 10 Bouctenage	65.6	3.5	22.4	14 41	20.4	9.1	91.0	2.2
KB+ 2 Boundedalish	2120 0.6	0.1 0.5	24.6 20.5		GB - 11 Mahjoub	127.0	85.3	15.5	1.1 5.5	429.4	1120	101.5	5.7
KB-3 Froms	98.5 0.8	0.9 02 0.4		240.0	GB • L1 \$alaa	32.2	324	9.0	4.5	78.4	34.3	1520	. 1.0
ICB - 4 El Olim	67.2 42	05 03 01	20.2 17.8	273.6	G8 - 13 Shoul	26.4	19.1	1.5	0.7	82.4	R.I	159.6	1.3
KB - 5 Marchie	144.0 7.0	11 1.0 3.5	24.2 26.1	652.7	GB - 14 Faycal	05.0	64.0	22.5	1.5 3.6	263.4	3 1 4	471.2	16
KB - 6 Nagga	124.6	0.4 0.6	43, 45	219.5	GB - 15 M ziru Obersowk	24.6	100.5	48.0	6.4 5.1	303.1		543.2	4.1
KB-1 Outs Some	155.1 14.4	1.3 0.4 1.0	21.7 27.5	-	GB - 16 Motorula	B1.2	100	61.6	1.4 1.2	247.1	31 U	440.2	26
KB - L Oued Zre	163-0 3.5	15 04 20			GB - 17 Overhief	165.3	9.1	. 51	44 11	402.5	1	991 8 37.6	19
KB - 9 Ouled Tours	46.4 1.0	0.7 1.0		71 1 2	GB - 18 Acuinette	50.4	80.0		40 65	123.4		272.5	
KB-10 Tenchiq	43.1 1.4	1.0 0.4 0.4		1 1 1	GB-19 Chechoul		111	113	10.5	41.1		415	
KB-31 Zaoulet El Anes	97.2 3.5	0.5 0.6			GB - 20 Cheschou 2 GB - 21 Tekour!	21.0	***	11.0	20 6.1	26 7	*	148.5	- 1
KB-12 Zande El Hard	1		and the second of		GB - 22 Handa sesia	375.0	4	32.0	33 21	125.1		1215.0	
KB-19 Zirat Lawhichi KB-14 Chroscher Negge	46 1 15 110	6.4 0.4			CB - 23 Maint benna	56.0	1	32.5	5.1 1.4	23.1		297.5	
KB-15 Gustaya	109.6 L4	LO 0.6 LO			GB - 24 Bookima I	103. B	21.6	41.1	10.4 4.0	11.1		256 0	
KB -16 Jaries	109.8 5.6	65 06	41.0 \$.4	4.00	G8 - 25 Bechina 2	196.9	43.4	193	132 63	39.1	17.1	525.0	
KB-17 Mapoura	94.8 3.6	. 15			CB - 26 Khebayer	20.5	9.9	14.0	1.0 2.5	25 9		250 0	
KB-18 Rabu	125.6	10 03 04			GB - 17 Bes Chilouf	40.4	126	15.2	16 44	51.1		360 B	
KB-19 Teinine	(86.3 4.9	69 64 52		3169	GB - 25 C65 Dukhara	16.5	9.9		18	5.0		153.0	
KB-20 Tembra	49.0 3.2	6.9 I.U	23.3 22.0		GB - 29 Oued Nekhlu	30.8	4.6		: 0.5	9.4		31.0	
KB-21 Tamber	\$8.0 4.9	10 24			GB+30 Ansat	49.5	43.3	63.4	38 6.4	59.7		97.6	
KB-22 Limigues	31.2 15	0.4 0.3			GB - 31 Marech i	19.0	7.8	1215	1.9 1.6	251		192.0	
KB-10 Mazna Neji	481 1.4	19 04		*	GB - 32 Ma; = 4 2	: 44.0	10.5	259.5	66 3.6	67.1		177.0	
KB-24 Ount Futble?		03 03			GB - 33 M==-45 3	5.4	1.3	7.1		13.1		67.0 736.0	
NB-15 Sufficial	30.4 1.3	0.3 0.2			GB+34 March 5 GB+35 March 6	19.8	- 41.8 21.0	307.9 47.5	19.6 7.0 3.0 3.2			\$27.0	
\$3-26 Saidana	90 30	08 04 13	and the second second			22.5	160	187.0	61 35			5320	
KB 27 Barghoutin	32.9 1.0	0.4 0.6		139.8 152.5	GB-36 Zeral GB-37 Zerkini (et)	6.0	5.0	96.0	14 20			1523	
KB-78 Bazma	76.4 7.3 66.1 6.5	30 01 10 01 03 24			GB-34 Zatis:2	32.0	12.8	153.0	1) 14			850	
KB-29 Bichelli KB-30 Blidede	490 0.6	0.4 0.9			GB - 39 Ayoute Zerkine	21	3.0	24 0	0.6			70.0	
KB-31 Zarcine	61.0	9.6 0.5		156.4	CB-41 Ketara I	4.5	31.0	201.6	60 35				
KB-32 Janua	31.5 P.6	62 01			GB+42 Ketana3	9.0	19.0	237.6	314 33		21	- 1	
KB-33 Meeris	30.4 0.6	45 83 06	,		GB-43 Kecaca4	3.6	40.0	160 0	12.5 3.0	24.1	9.5		40
EB-M Mod	17.4	15 04 20	4 4		GB - 44 Sid Sellian	21.6	\$1.6	27.6	13.2			: '	
KB-35 Falm#	452 65	12 13			CD-45 Zig Bersch	L	20,5	4.9	2 A			77.0	
KB-X Par El Air	147.6 4.5	1.1			Set- form	2513.3	569.1	3280.7	201 248	3400.4	1351.0	125(L.9	126.1
KB-31 Salt Ditors	31.2 30	1.6 0.9			Tetal	11064.0	2546.1	2912	4461 469.1	6292.4	H214	367763	126.1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					L								

Source : JICA Study leads estimation

Tableau 6.3.1.1 Quantité de travaux à effectuer dans chaque oasis

(1) Gafsa Governorate

		-	_		,	-		-		
rains	(B)		0	0	0	0	0	9775	27690	37465
Irrigation	Œ	78811	105660	79526	103639	71505	8970	8379	26842	
rains	(Ed/III)	0	0	0	0	0	0	150	83	35
rrigationDrains	(ad/m)	113	150	177	148	124	160	129	22	141
Drains(m) [1	FieldCollector	•						150	450	009
Dr	FieldC		1	,		1	1	235	1510	1745
je.	Imn-out						19	တ		28
Pipeline	Length(m)Tu						740	330		1070
Channel	urn-out	162	148	250	174	164	24		20	948
Improved Channel	ength(m)IT	5230	6275	8200	6815	5520			1900	33940
Facility	Dimension	25 x 25	25 x 25	30 x 25	25 x 25	25 x 25	Ø200	ø 160	20 x 20	
	1/s	င္က	8					_	20	30
No. of Sample Planned A.System	Area(ha) Sample Area(ha)/Sample A.Capa.(15.1	16.8	9.7	15.2	13.0	12.1	25.4	14.1	14.0
Sample	Area(ha)/	4 46.320	41.750	46.400	46.030	44.620	4.620	2,560	15.360	19 247.660
No. of	Sample	4	က	-	4	က	9~-8	-	2	19
Planned	Area(ha)	869	703	450	700	578	56	65	217	3,467
Name of	Oasis	Kasba	2 Sud Ouest	El Guettar	Lalla	El Ksar	Oued Shili	Thelja	Segdoud	Total
Cord	No.	-i:	표- 2	F- 3	F- 4	<u>17</u> - 5	GF- 6	7 - 2	GF- 8	

(2) Tozeur Governorate

Cord	Name of	Planned	No. of	Sample	Planned No. of Sample Sample A./System	/System	Facility	Improved	Channel	Pipeline	пе	Ä	Drains(m) I	rrigation	gationDrains	IrrigationDrains	Drains
٠. ا	Oasis	Area(ha)	Sample	Area(ha)	Area(ha) Sample Area(ha)Planned A.Capa.(1	~	's)Dimension	Length(m)	Turn-outL	Jength(m)	urn-out	Field	Collecto	(gu/m)	(m/ha)	â	(B)
- 1 Tozeur		626	2	24.390	38.1		:			4180	26	780	250	171		159145	
- 2 Kastilia	್ಷಣ	50	1	3.200	15.6	35				480	12	ı		150		7500	
- 3 Oued El Koucha	l Koucha	62	r-1	4.000	15.5	54		535	15			320	1	134		8233	1
- 4 Neflayette	stte	72		5.400	13.3	30	ø160			965	8	225	1	179		12867	:
7- 5 Chemsa.		90	 4	5.920	15.2	5 8				825	120	480		139	∞	12542	7297
- 6 Helba Est	st	75	F -4	4.350	15.2	55		1045	21			220	120	211	_	15833	<u>. </u>
- 7 Helba Oues	nest	20	 -	4.095	12.2	55		275	∞			345		29		3358	-
- 8 Jhin 1		40	, -1	8.000	5.0	40		855	82			525	255	107		4275	
7- 9 Jhin 2		167	1-1	6.000	27.8	တ္ထ		595	ន			395	235	66		16561	<u>. </u>
- 10 Ibn Chabbat	ibbat 3(*)	325		9.600	33.9			1800	112			760	833	188		60938	
- 11 Nefta		852	4	26.388	32.3	25		3190	91			525	330	121		102997	. -
- 12 Ghardgaya	ıya	Ç.	- 1	4.725	დ დ	각	30 x 25	775	16			200	110	164		6561	<u>; </u>
13 Ibn Ch	<pre>(3 Ibn Chabbat 1 (*)</pre>	240	- -4	6.810	35.2	22		190	4,0			200	300	28	<u> </u>	9699	:
- 14 Ibn Ch	4 Ibn Chabbat 2 (*)	272	r-1	7.470	36.4			1170	77			185	305	157	ļ	42602	
- 15 Drag Sud	μď	198	2	10.800	დ დ			140	34			0	0	E.		2567	<u>: </u>
16 Hazoua	=	72	2	6.645	10.8			009	16	820	ន	720	175	217		15603	8696
2- 17 Hazoua 6	2	84	2	4.030	11.9	<u>හ</u>			,	615	14	250	155	153		7325	
Z- 18 Hazoua 3	3	238	4	19.346	12.3			006	8	970	32	1570	633	97		23005	
Z- 19 Oned Loghriss	chrice	%		5	•	Ç									:		፥

LZ- 20 Tazrarit	48	-	4.340	11.1		38 30 × 25	495	16	-		400	103	114	316	5475	5563
TZ- 21 Cedada	55	-	4.250	12.9		45 \$200			780	15	350	145	184	116	10094	9049
IZ- 22 Dehoumes	104	2	6.320	16.5		25 25 x 20	710	38			009	210	112	128	1.1684	13329
IZ- 23 Degache	822	က	26.500	31.0	7	45 30 x 25	`	35			1025	90	154	41	126557	33655
IZ-24 Chakmou	90	-	7.700	11.7		27 Ø160			1460	32	1	1	190	0	17065	0
17- 25 El Hamma	400	7	9.900	40.4		30 25 x 25		జ్ఞ			099	72	S	74	41212	29697
TZ- 26 Tamerza	08	-	6.680	12.0	,	Amenity C.	720	21			570	540	108	166	8623	13293
	23		1.380	16.7	1	Amenity C		9			150	1	163	109	3750	2500
IZ- 28 Foum El Khanga	48	Н	1.380	%. %.	1	Amenity C		4			230	1	149	167	7130	8000
IIZ- 29 Mides	29	ī	2.500	11.6		22 Amenity C		∞			٤	88	4	67	1160	1949
TZ-30 Min El Karma	25		1.910	13.1	,	Amenity C		7			230	85	29	165	1963	4123
The state of the s	5,622	47	238.729	23.5		31		746	11655	27.1	2185	4622	131	82	753653	352500

(3) Kebili Governorate

Cord	1 Name of	Planned	No. of	Sample	Planned No. of Sample Sample A./System	System	Facil	_	Improved	Channel	Pipeline	1000	ii Di	us(m)	Σ	Urains	Irrigation	Orains
No.	Oasis	Area(ha)	Sample	Area(ha)	Area(ha) Sample Area(ha)Planned A.Capa.	Capa. (1/	s)Dimen		Length(mTurn-out	urn-out	Length(m	Jength(mlurn-out	Field (ald Collecto	(B)	Ħ	(B)	. 1
ė	1 Bechri	162	-	4.480	36.2	2	1 25 x	Ļ.	795	81			265	193	177		28748	
ė	2 Bouabdallah	270	2	16.510	16.4	2	1 25 ×	20	2750	29			1040	320	167		44973	;
ė	3 Fatnassa	205	2	12.260	16.7	-	5 20 x	20	1780	42			230	ဓ္ဌ	145		29763	
ė	4 El Gliaa	94	-1	6.550	14.4	2	5 0.1	091			1130	જ	545	225	173		16217	
ģ	5 Menchia	140		9.240	15.2	~	2 25 ×	8	1690	\$			625	230	183		25606	
þ	6 Nages	181	2	9.940	18.2	2	0 0	[40			1580	ಜ	555	ŀ			28771	
ģ	7 Dum Somaa	162		10.010	16.2	2	1 0	091			1655	4	705	503			26784	
2	8 Dued Zira	176		9.600	18.3		2	09			1740	33	\$	π			31900	
ė	9 Ouled Touati	62		5.720	10.8		5	09			1470	88	260	ı			15934	
	10 Tenchig	54		3.520			5	64			435	14	325	8	124		6673	
ė	11 Zaculet El Anes	125	7	5.060	24.7		20 20 x 20	20	425	6			235	1	%	፠	10439	7288
B	12 Zaoulet El Harth	81	H	8.870			0	<u> </u>			1630		735	203	<u>18</u>		14885	
ė	13 Ziret Louhichi	98		5.100			2	160			955		400	ı	187		16104	
2	14 Chouchet Nagga	26		2.000			5	091			ဓ္ဌ		800	1	150	_	3300	
12	15 Guataya	150	2	9.540	15.7		Q Q	40			1300		185	l	136		20440	1
Ş	16 Jedida	133	-	10.500			8	3			2020	41	640	675	192		25587	
ę	17 Mansoura	98	2	4.100			<u>@</u>	140			1270		510	1	310		26639	
5	18 Rabta	162	23	9.470			φ 0	160			1750		099	292	185		29937	
ģ	19 Telmine	240	2	14.140	17.0		9	160			2450		630	595	173		41584	
Ę,	20 Tembib	118		7.070	16.7		2 0	160			1180		410	•	167		19694	
g	21 Tombar	127	62	4.400	28.9		ις Φ	160			1020		570	-	232		29441	
-82 V3	22 Limagues	57	-	3.270	17.4		5 25	80 ×	099	14	:		225	,	202		11505	

3- 23 Magraa Neji	99		3.000	22.0	2	9160			400	21	3	200	3	25	2000	3
- 24 Oum El Farth let2	55	-	6.840	8.0	27	25 x 25	450	11	/		200	1	99	స	3618	1608
3- 25 Stiftimi	82		3.600	22.8	25	25 x 20	505	10				1	1	0	11503	
3- 26 Sandane	30	-	2.000	15.0	જ	Ø 160			350	∞	18		175	ည	5250	1500
3- 27 Barghouthia	52	-	6.230	8.3	25	Ø160			825	ಜ	300	1	132	\$	9889	
3- 28 Bazma	146	-2	9.480	15.4	25	ø 160			1320	ဗ္တ	915	1	83	97	20329	•
3- 29 B' chelli	135	ო	8.060	16.7	22	ø 160			1525	48	610	1	189	76	25543	-
3-30 Blidette	75		4.530	16.6	15	ø140			500	9[400	1	110	88	8278	
3-31 Zarcine	70	-	5.500	12.7	15	ø 140			775	21	340		141	62	9864	
3-32 Jenna	112	-	6.640	16.9	25	25 x 20	260	3			150	_	න	ន	4386	
3-33 Mtouria	81		6.260	12.9	8	20 × 20	630	21			310		101	20	8152	
34 Msaid	95	-	6.106	15.6	25	ø160	•		1040	ន	520		170	æ	16181	
3- 35 Rahmat	85	-	4.310	19.7	22	25 x 20	750	16			8	1	174	93	14791	
36 Ras El Ain	268	2	15.010	17.9	25	25 x 20	2800	9			1205		187	8	49993	Ç)
37 Souk El Baiez	65	-	3.890	16.7	27	ø160			475	E	360		122	8	7937	
3- 38 Ben Zitoun let2	147	2	7.390	19.9	21.	25 x 20	820	23			530	75	115	88	16908	-
3- 39 Bourzine	94	2	6.440	3.5	Z	ø160			845	23	200	105	131	47	12334	
3- 40 Gueliada	103		6.960	14.8	25	ø 160			800	24	400		115	57	11839	
3-41 Kelwamen	47	-	2.060	22.8	15	Ø140			430	01	130	8	503	102	9811	
3- 42 Klibia	92		5.050	8. 2. 8.	83	ø160			700	9	4 00	ĺ	139	20	12752	
- 43 Sidi Hamed	100	-	7.890	12.7	27	ø160			909	24	615		92	%	7605	
- 44 Atilet	220	က	16.100	13.7	26	ø 160			3280	101	1220		204	92	44820	1-1
3- 45 Douz	280	က	14.830	18.9	92	25 x 20	1290	52			805	185	87	29	24356	н,
3- 46 El Ghoula (*)	75	r-1	4.710	15.9	27	ø 160			750	57	1	1	159	0	11943	. ;
3- 47 El Golaa (*)	65	, -	2.350	27.7	27	ø160			215	12	105	82	91	∞,	5947	
3- 48 Grad (*)		~	6.980	15.9	22	ø160			1230	&	620	220	176	120	19560	~~,
3- 49 El H'say	06		5.700	15.8	38	ø 160		:	450	18		ı	79	0	7105	
3-50 Noutel	97	7-1	6.720	14.4	22	ø160			086	ន	280	55	146	20	14146	:
3- 51 Kaafrane	101	r-4	4.620	21.9	22	ø 160			240	7		i	25	0	5247	- ; :
3- 52 Bouhamza	08 80	÷	6.200	12.9	92	ø 160			865	23	310	155	왕	33	11161	
3-53 Ksar Ghilane	100		5.200	19.2	23	25 x 20	550	16	-	-	400	255	106	126	10577	•
>- 54 Sakkouma (*)	80	_	4.110	19.5	8	ø 160			725	42	88	150	176	怒	14112	3
3- 55 Tarfaya (*)	1.1		4.620	16.7	જ	ø 160			069	88	430	o	149	င္ပ	11500	
3- 56 Dhomrana	45	-	2.200	20.5	∞	ø 140			200	9	- 2002	100	91	136	4091	:
3-57 Smida	64		4.700	13.6	22	ø160			535	9[200	105	114	65	7285	
3- 58 Ghidma	88		4.580	17.5	22	25 x 20	275	16			400	ì	8	∞	4803	
3- 59 Sabria	-09	, —₹	3.000	20.0	92	ϕ 160	- 2		400	4	300	155	133	152	8000	
3- 60 El Faouar 1	87	۲4	6.840	12.7	15	ø 140			705	21	4 40	220	103	96	8967	
2- 61 FT Paction 2	- - - - -	,-	6.650	12.0	20	ø140			1310	36	C[2		197	77	15759	

						1 × 1	1	3.5			200	VO	95.	70	11000	6660
2- 62 Rachni	UQ.	٥.	8,630	11.6	22	22 × 20	975	3			_ ⊃250	2	21.1	Ď	200	33
) 'r	V64 T	0 11	Ç	A140	-		COC.		ر د د	1	230	63	16592	4567
b- os Dargine (*)	2	- 1	? .*	7.0	3	ر ا			2		2	***************************************				
R- 64 Matromba	60.		4.000	25.0	13	ø 140	-	•	495	92	8	8	124	ន	12375	12500
	ò		000	0 36	06	A 140	-		625		400	105	156	126	16250	13130
D- of Regim Magroug 1	\$	4	3	2	3	2					1000		90,	Ş	4000	0000
R- AR Rogim Nastong 2	9	,	6,000	16.0	<u>∞</u>	6140			790		900	1	132	3	2403 C	3600
(0 CT Forest Dist.	ខ្ម	-	2 050	25 d	25	9.160			150		200	50	73	122	3805	6341
ם מווש השניים אבר ימושם	30	4		3	3					т.		1		6	000000	20000
Total	7.213	98	438, 116	16.5	22		17435	455	48195	1412	27603	5539	14.	80	700001	(3/07
133	-)														

(4) Gabes Governorate

							44218																					
rrigation	(a)	13224	3913	2315	4709	92142	82649	25326	5700	3256	11281	58193	15960	12991	40087	53464	40352	46417	39701	7766	6348	8000	58539	13453	38677	38576	6486	10455
rains I	n/ha)	48	&	153	8	- 5 6	09	င္တ	130	21	#	83	33	113	107	114	22	88	29	120	134	146	8	113	8	112	9	53
rigation) (в/ла)	ሪ	86	116	157	177	113	171	143	105	73	156	161	180	154	191	151	176	171	136	159	250	146	168	83	133	88	28
Orains(m) Ir	Collecto	1	25	65	20	705	2 4 8	320	175	1	ı	115	1	135	330	613	1	168	275	100	125	88	358	223	378	605	١,	•
占	Field	420	260	100	140	2700	2740	920	355	95	415	1885	605	345	1280	1475	1010	1190	780	380	405	8	1345	530	1170	1190	400	300
e	rn-out	11		9	-	33		29			21	20	ಜ	17	16	2	ಜ	83	83		16	I	ಟ	25				
Pipelin	-outLength(m)Tu	200		125	350	1540		2370			740	2090	1330	765	695	2130	365	1290	1325	_	630	425	2845	1120				
Channel	rn-outlen	31	12			115	192		13	17		52			88	35	28	28	38	15					22	74	16	24
Improved C	ength(m)Tu	635	315			4855	5585		580	480		1705			1610	1370	1155	1165	1745	545	· · · · · · · · · · · · · · · · · · ·	,			2130	2135	450	009
acility			-	•	ø 160	25 x 20	25 25 x 20	ø160	30 x 25	20 × 20	ø140	25 x 25	ø 200	ø150	20 × 20	25 x 20	25 x 20	25 × 20	20 x 20	25 x 25	ø160	ø 1 4 0	ø140	ø140	20 x 20	20 x 20	30 x 25	20 × 20
	pa.(1/s)D	<u>8</u>	2		24	22	25	26	37	<u>∞</u>	8	27	99	25	19	22	25	26	8	22	દુ	9[90	16	15	15	41	14
Sample A./System	Area(ha) Sample Area(ha)Planned A.Capa.	15.8	12.4	18.5	13.5	14.4	8	10.7	00	8	15.2		12.0	17.0	17.4	5.3	19.0	18.9	12.9	14.3	10.1	8 8	20.6	12.0	18.2	18.1	14.4	17.4
	-	8.840	3.220	1.080	2 230	36.090	49,600	13.850	4.070	4.570	9 380	24.390	8.250	4.240	14.950	18 330	14.080	13.910	17.940	4.000	3.970	1.700	19,440	099.9	15.420	16.050	9.660	10.330
No. of S	Sample	2	, –	t (-		4	ď	· m	, ,	-		ı		· -	(e;	2	1 M	m	~	1		1	ĸ	7	~		-	2
Planned No. of Sample	Area(ha)	140	40	2	30	520	73.4	7	G	33	143	374	66	72	260	280	268	263	232	57	9	33	400	8	280	290	96	180
Name of	Oasis	Ain Znig	Temon	4 Tomon's 2	4 Zrie Dakhlania	Toboil boil	6 Daere de Cahee	Limpons 1 et 2	M' don	Chort El Ferik	Roughama	Mahimb	Salen Salen	Shour	4 Faura	5 W virsa Ghannouch	6 Methonia	7 Onechref	18 Apprinct to	Chenchon	20 Chenchon 2	Tekonri	Harma Casis	Mri raa Hamma	Rochina 1		26 Koebavet	Ben Ghilouf
Cord	Ç	-	, c) or	1 2	, v	ĝ	i F	×	ο 27	7.B- 10	7R- 11	GR- 12	78- 13-	TR- 14	28-15	7B- 16	T.H. 17		0 2	18-20	16	3	18- 23 E	28-24	26 - as	-85 -85	CB- 27

		Tabl	leau	.7. 1	.2.	1 I	Plar	d'e	xécutio	n du projet		± .					:	
Code No. Name of Oasis	Area	Parject Cost	19	19	(9 99	70 00	20	20	Code No.	Name of Owis	Arca	Project Cost	19 97	19	19	20	20 01	\$0 02
	(cd)	(D. DOX))								vernorate	(ha)	(D. ,O)A						
Guisa Gavernorate GF - 1 Kasha	698	1,260	ık.		•	•	•			Gueliada	103	260		4	•_	•		<u> </u>
GF+ 2 Sut Ouest	703	1,630		À	•	0	•	•		Kelwanien	41	225		众	•			-
GF 4 Lalta	450 700	1,297	<u></u>	☆ _	9	9	•	•	KB - 42	Klibia Sleft Hamed	100	267 239		4	ě			
GF 5 D Ksar	578	1.133			Ĥ	ě	•	•	KB • 44	Atilet	230	115		Å	•	•		<u> </u>
CF 6 Ouch Shift	55	166	÷	<u> </u>	益		<u> </u>	ļ	XB - 43	El Grouta	2 (IC) 75	778 292		-	¢ ¢	•	•	
GF - 7 Thelia GF - 8 Septemb	217	350 853	<u> </u>	 - -	×	•	•			El Guisa	6.5	274			Ŕ	•		
Sub-Intal (A)	3,467	1,212	1				-	1	XB - 48	Grad Et Hisay	90	135			☆	-	•	-
Tozeur Covernorale TZ - 1 Tozeur	920	2.886	Ŕ		•	ě		•		Noviel	97	271		,	٨	•		
12 · 2 Kasilia	50	138	☆_	•		144	-	_		Zasfranc	80	128 250			∯ \$	•	•	-
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TZ - 13 The Chabbat 1 TZ - 14 The Chabbat 2	240 272	1,2(1	1	<u>♀</u>	•			L -		Bechni Dergine	72	368				À	•	
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172 - 18 Hanna J	238	928		4	•	•	•		K8 - 61	Tarfayel Elma	32	190		<u> </u>	<u> </u>	¥	•	
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72 - 21 Cedada	55	300			12	•			<u>G</u> 8∙ J	Ain Zrig	140	283	*	•	•			.
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TZ - 23 Degache TZ - 24 Chakmou	90	227			è	•	Ľ			Zeig Dakhtania	30	122	\$	•				<u>[</u>
172 - 25 El Hamma	400	1,119		├-	<u>\$</u>	•		•		Televition Ossis de Gates	734	2.152	- <u>₽</u>	•	•	•	•	•
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KB - 15 Jedida KB - 13 Mansaura	86	494	_	•	L.	1			GB - 25	Ourd Nekhia	30	65		À	0			
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KB - 35 Rahmot KB - 36 Ros El Ain	55 	199 921		*	•		•			(Saradi)	55	235		İ		À	•	1
KB - 37 Sauk El Buice C	65	193		12	•		<u> </u>	ļ		Sub-total (48)	2,133	25,976	<u> </u>	 -				
KB - 38 Bei Zhoun I of 2 KB - 39 Bourzine	2 813	473 279		4	0		-			Total (153)	23,435	78,768			-			

Tableau 7.1.2.2 Surface objet des travaux par exercice

Code No.		200	.7 4		1.0	1	1		118 3	*						(Unit:)	<u> </u>
110.	Name of Oasis	Anta	19	19 98	99	20	20 01	20 02	Code No.	Name of Oasis	Arca	19	19	19 99	20	30 01	20 02
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GF- 3		450	 -		135	180	135	1	KB - 42		93			91			
GF · 4		700			140	310	210	140	K8 - 43	Sidi Hamed	100		1	100			
GF- 5		578				178	230		KB - 44	Affet	220			110	110		
GF- 6	Qued Shili	. 56				56			K8 - 45	Douz	780				140	140	
GF - 1		65	4	i		65			K8 - 46	El Ghoula	75		l		75		
GF · 8	Segdoud	217	7.			108	109		KB - 47	El Colas	65				65		<u> </u>
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	Oved El Koucha	62	I	62				L	KB - 52	Bouhamza	80				80		
TZ- 4		. 72		72				<u> </u>	KB - 53	Ksar Ghilane	100				50	50	
72 . 5		90		90					KB - 54	Sakk ourna	80				80		
	Helha Est	75		15					K8-55		27				77		
17. 7		50		50					KB-56		45				64	<u> </u>	
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	Chebika	23		} - }		23			G8 - 7		148		148				
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	Ain El Karma	25				25				Bouchamma	143		72	71	ii		
12. 30	Sub-total (30)	5,522	. 0	869	1,433	1,709	971	640	GB-11	Mahjoub	374			187	187		
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K8 - 6	Menchia Nagga Oum Somaa	140		91					G8 - 18	Aouincite Chenchou I Chenchou 2	263 232 57 40			132 116 57 40	131		
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9	Menchia Nagga Oum Somaa Oued Zira Ouled Touati	140 181 162 176 62		91 81 88 62	81				G8-18 G8-19 G8-20 G8-21	Aouincite Chenchou I Chenchou 2 Tekouri	263 232 57 40 32			132 116 57 40 32	131 116		
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9	Menchia Nagga Oum Sornaa Oued Zira	140 181 162 176		91 81 88	81				G8-18 G8-19 G8-20 G8-21	Aouincite Chenchou I Chenchou 2	263 232 57 40		2 2	132 116 57 40	131	120	80
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K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11	Menchia Nagga Oum Somaa Oud Zira Ouled Tousti Tenchig Zaoulet El Hards Zaoulet El Hards	140 181 162 176 62 54 125		91 81 88 62 54 63	88				G8-18 G8-19 G8-20 G8-21 G8-22 G8-23 G8-24	Abuincite Cheachou I Cheachou 2 Telouri Hamma Ossis Mairaa Hamma Bechima 1	263 232 57 40 32 409 80 280			132 116 57 40 32 80 80	131 116 120	120	80
K8 · 5 K8 · 6 K8 · 7 K8 · 8 K8 · 9 K2 · 10 K8 · 11 K8 · 12 K8 · 13	Menchia Nagga Oum Somaa Oued Zira Ouled Towati Tenchig Zaoulet El Anes Zaoulet El Harub Ziret Louhichi	140 181 162 176 62 54 125 81		91 81 88 62 54 63 81	88				G8 - 18 G8 - 19 G8 - 20 G8 - 21 G8 - 23 G8 - 24 G8 - 25	Aouinette Cheochou I Cheochou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 2	263 232 57 40 32 409 80 280 290			132 116 57 40 32 80 80 140	131	120	80
K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 12 K8 - 13 K8 - 14	Menchia Nagga Oum Sornaa Oued Zira Ouled Towati Tenchig Zaoulet El Anes Zaoulet El Hants Ziret Louhichi Chouchet Nagga	140 181 162 176 62 54 125 81 85		91 81 88 62 54 63 81 86	81 88				G8-18 G8-19 G8-20 G8-21 G8-22 G8-23 G8-24 G8-25 G8-26	Aouinette Cheachou 1 Cheachou 2 Teleouri Hamma Oasis Mairaa Hamma Beehima 1 Beehima 2 Khebayet	263 232 57 40 32 409 80 280 290 96			132 116 57 40 32 80 80 140 145	131 116 120 140 145	120	80
K8 - 6 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 12 K8 - 13 K8 - 14 K8 - 15	Menchia Nagga Oum Sornaa Oued Zira Outed Touati Tenchig Zaouiet El Harrh Ziret Louhicht Chouchet Nagga Gustya	140 181 162 176 62 54 125 81 85 26		91 81 88 62 54 63 81 86 26	62				G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-27	Aouinette Cheochou I Cheochou 2 Tetouri Hamma Ossis Mziraa Hamma Bochima 1 Bechima 2 Khebayet Ben Ghilouf	263 232 57 40 32 409 80 280 290 96 180			132 116 57 40 32 80 80 140 145 96	131 116 120	120	80
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K6 - 12 K8 - 13 K8 - 14 K8 - 15 K8 - 15	Menchia Nagga Oum Somaa Oued Zira Outed Touati Tenchig Zaouiet El Anes Zaouiet El Harrh Ziret Louhichi Chouchet Nagga Goataya kelida	140 181 162 176 62 54 125 81 85 26 150		91 81 88 62 54 63 81 86 26 75	81 88				G8 - 18 G8 - 19 G8 - 20 G8 - 21 G8 - 23 G8 - 24 G8 - 25 G8 - 26 G8 - 27 G8 - 28	Aouinette Cheachou I Cheachou 2 Telouri Hamma Oasis Mairaa Hamma Bochima 1 Bochima 2 Khebayet Ben Ghilouf Glib Dokhane	263 232 57 40 32 409 80 280 290 96 180 70			132 116 57 40 32 80 80 140 145 96 90	131 116 120 140 145	120	80
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 12 K8 - 13 K8 - 14 K8 - 15 K8 - 16 K8 - 16 K8 - 17	Menchia Nagga Oum Somaa Oued Zira Ouled Touati Tenchig Zaoulet El Anes Zaoulet El Harth Ziret Louhichi Chouchet Nagga Gostaya Redida Mansoura	140 181 162 176 62 54 125 85 26 150 133 85		91 81 88 62 54 63 81 85 26 75 67	81 88 62 75 66				G8 - 18 G8 - 19 G8 - 20 G8 - 21 G8 - 23 G8 - 24 G8 - 25 G8 - 26 G8 - 27 G8 - 28 G8 - 29	Aosinette Cheochou I Cheochou I Cheochou 2 Telouri Hamma Oesis Mairaa Hamma Bechima 1 Bechima 2 Khebayet Ben Ghileuf Glib Dokhane Oued Nekhla	263 232 57 40 32 409 80 280 290 96 180 290 30			132 116 57 40 32 80 80 140 145 96	131 116 120 120 140 145		80
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KB - 5 KB - 6 KB - 7 KB - 8 KB - 9 KB - 10 KB - 12 KB - 13 KB - 14 KB - 15 KB - 17 KB - 18 KB - 19 KB - 20 KB - 21 KB - 21	Menchia Nagga Oum Somaa Oued Zira Ouled Towati Tenchig Zaoulet El Anes Zaoulet El Harab Ziret Louhichi Chouchet Nagga Guataya kedida Mansoura Rabta Telmine Tembib Tombat Limagoes	140 181 162 176 62 54 123 85 150 123 85 162 240 118 118 127 57		91 83 88 62 54 63 81 85 26 75 67 86 81 81 85 26 75 67 86	81 88 62 75 66 81 120 59				G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-26 G8-29 G8-30 G8-31 G8-31 G8-31	Aouinette Cheachou 1 Cheachou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 1 Rechima 2 Khebayet Ben Ghilouf Glib Dokhane Oued Nekhla Arram Maruh 1 Mareth 2 Mareth 3 Mareth 3 Mareth 5	263 2332 57 409 80 280 290 96 96 183 163 163 180 30			132 116 57 40 32 80 80 140 145 96 90	131 116 120 140 145 90 82 82 50 54 30	81	
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K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 19 K8 - 12 K8 - 13 K8 - 14 K8 - 15 K8 - 18 K8 - 28 K8 - 28	Menchia Nagga Oum Somaa Oued Zira Ouled Towati Tenchig Zaouet El Anes Zaoulet El Harub Ziret Louhichi Chouchet Nagga Geataya kedida Mansoura Rabia Telmine Tembib Tombar Limagoes Mazzaa Neji Oum El Farth 1 et 2 Siftimi Saldane	140 181 162 172 173 173 185 123 133 133 133 133 140 140 140 150 150		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 75 66 81 120 59				G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-31 G8-32 G8-35 G8-37 G8-35	Aouinette Cheochou 1 Cheochou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 1 Rochima 2 Khebayet Ron Ghilouf Glib Dokhane Oued Nekhla Arram Mareth 1 Mareth 2 Mareth 3 Mareth 5 Mareth 6 Zarat 2 Zerkine 1 et 3 Zerkine 2	263 233 57 400 280 280 280 290 96 180 100 163 163 183 183 185 185 185 185 185 185 185 185 185 185			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 50 50 50 53 88 88 88 88 87 87	81 50 72 51	
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 12 K8 - 13 K8 - 15 K8 - 15 K8 - 17 K8 - 18 K8 - 22 K8 - 22 K8 - 24 K8 - 24	Menchia Nagga Oum Sornaa Oued Zira Ouled Towati Tenchig Zaoulet El Anes Zaoulet El Handy Ziret Louhichi Chouchet Nagga Guataya Adda Mansoura Rabta Telmine Tembib Tombat Limagoes Mazzaa Neji Oum El Farth 1 et 2 Siftinan Barghouthia	140 181 162 176 176 175 185 185		91 81 88 62 54 63 81 85 26 75 67 86 81 120 59 64 57 57 67	81 88 62 75 66 81 129 59	31			G8-18 G8-19 G8-20 G8-21 G8-23 G8-25 G8-25 G8-25 G8-26 G8-30 G8-30 G8-31 G8-33 G8-33 G8-33 G8-33 G8-33 G8-33 G8-33	Aouinette Cheachou I Cheach	263 232 57 409 80 280 280 96 180 700 163 163 115 85 115 85 116 116 30			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 50 50 53 30 30 30 30 30 30 30 30 30 30 30	81 50 72 51 87	
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 13 K8 - 14 K8 - 15 K8 - 15 K8 - 16 K8 - 17 K8 - 18 K8 - 19 K8 - 19 K8 - 10 K8 - 17 K8 - 18 K8 - 19 K8 - 19 K8 - 10 K8	Menchia Nagga Oum Somaa Oued Somaa Oued Zira Ouled Touati Tenchig Zaouiet El Harth Ziret Louhichi Chouchet Nagga Guataya kedida Mansoura Rabta Telmine Tembib Tombar Limagoes Mazzaa Neji Oum El Farth 1 et 2 Sifitimi Saklane Barghouthia Bazma	140 181 162 176 62 54 85 26 150 133 85 162 240 240 250 250		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 25 66 81 120 59 63	733			G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-23 G8-24 G8-25 G8-26 G8-27 G8-30 G8-31 G8-36 G8-30 G8-31 G8-36 G8-37 G8-36 G8-37 G8-38	Aouinette Cheochou I Cheochou I Cheochou 2 Techouri Hamma Oasis Mairaa Hamma Bochima 1 Bochima 2 Khebayet Ben Ghikouf Giib Dokhane Oued Nekhla Arram Mareth 1 Mareth 2 Mareth 3 Mareth 3 Mareth 4 Mareth 5 Mareth 6 Zarat 2 Zerkine 1 et 3 Zerkine 2 Ayoune Zerkine Madssia	263 233 573 40 280 280 290 96 180 180 185 114 116 156 156 156 156 157 174 174 174 174 175 175 175 175 175 175 175 175 175 175			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 50 54 30 58 88 87 58 78 78 78 78 78 78	81 50 72 51 87	
K8 - 5 6 K8 - 7 6 K8 - 7 6 K8 - 7 6 K8 - 8 8 K8 - 9 9 6 K8 - 11 K8 - 12 K8 - 13 K8 - 14 K8 - 13 K8 - 14 K8 - 13 K8 - 14 K8 - 14 K8 - 15 K8 - 17 K8 - 17 K8 - 18 K8 - 1	Menchia Nagga Oum Somaa Oued Zira Ouled Touati Tenchig Zaoulet El Anes Zaoulet El Harth Ziret Louhichi Chouchet Nagga Gustaya kedida Mansoura Rahta Telmine Tembib Tombar Limagoes Maryaa Neji Oum El Farth I et 2 Siftimi Saklane Berghouthia Bazma Bichelti	140 181 182 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176 176		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 6? 75 66 81 120 59 63	73 67			G8-18 G8-19 G8-20 G8-21 G8-23 G8-25 G8-25 G8-26 G8-27 G8-28 G8-29 G8-31 G8-31 G8-35 G8-37 C8-38 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39 G8-39	Aguinette Cheachou 1 Cheachou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Sechima 2 Khebayet Sen Ghilouf Glib Dokhane Oued Nekhta Arram March 1 March 3 March 5 March 6 Zarat 2 Zerkine 1 et 3 Zerkine 2 Ayune Zerkine Madssia Kestana 1	263 233 237 400 280 280 290 96 180 30 163 163 163 163 163 163 163 163 163 163			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 82 50 54 30 58 88 87 58 78 30 30 30 30 30 30 30 30 30 30 30 30 30	81 50 72 57 87 58 78	
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 13 K8 - 14 K8	Menchia Nagga Oum Somaa Oued Zira Ouled Towati Tenchig Zaoulet El Anes Zaoulet El Harub Ziret Louhichi Chouchet Nagga Gestaya kedida Mansoura Rabta Telmine Tembib Tombar Limagoes Maryaa Neji Oum El Farth 1 et 2 Siftimi Saldane Barghouthia Bazma Behelti Bidente	140 181 162 176 54 123 26 133 85 133 85 140 140 150 15		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 62 63 64 63 63 75 64 75				G8-18 G8-19 G8-20 G8-21 G8-21 G8-25 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-32 G8-33 G8-31 G8-32 G8-34 G8-35 G8-37 G8-38 G8-39 G8-39 G8-40 G8-41	Aouinette Cheochou 1 Cheochou 2 Telouri Hamma Oasis Mziraa Hamma Bechima 1 Bechima 1 Rochima 2 Khebayet Ron Ghilouf Glib Dokhane Oued Nekhla Arram Maruh 1 Maruh 2 Maruh 3 Maruh 3 Maruh 5 Maruh 6 Zarat 2 Zerkine 1 et 3 Zerkine 2 Ayoune Zerkine Madesia Kestana 1 Kestana 3	263 233 573 400 280 280 280 290 96 180 100 163 163 183 183 115 883 115 883 115 883 115 883 115 883 116 116 116 116 116 116 116 116 116 11			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 82 50 54 30 58 88 88 88 78 78 30 58 78	81 50 72 57 57 58 78	
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 13 K8 - 14 K8 - 15 K8	Menchia Nagga Oum Sormaa Oued Zira Ouled Towati Tenchig Zaoulet El Anes Zaoulet El Harnh Ziret Louhichi Chouchet Nagga Goataya kedida Mansoura Rabta Telmine Tembib Tombat Limagues Mazzaa Neji Oum El Farth 1 et 2 Siftinai Sakdane Barghouthia Bazma Becetti Bidette Zarcine	140 181 162 54 125 58 26 150 130 130 130 140 140 150 150 162 162 162 162 163 1		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 	67			G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-32 G8-33 G8-33 G8-33 G8-33 G8-34 G8-35 G8-36 G8-37 G8-38 G8-39 G8-39 G8-40 G8-41 G8-41	Aouinette Cheachou I Cheachou I Cheachou I Cheachou 2 Trelouri Hamma Oasis Mairaa Hamma Bochima 1 Bochima 1 Bochima 2 Khebayet Ben Ghilouf Giib Dokhane Oued Nekhla Arram Maruh I Mareh 2 Mareh 3 Mareh 4 Mareh 5 Mareh 6 Zarat 2 Zerkine I et J Zerkine 1 Medssia Kettana 1 Kettana 3 Kettana 3 Kettana 4	260 232 57 400 80 280 280 280 280 180 161 163 183 114 114 115 185 185 185 185 185 185 185 185 185			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 50 50 53 30 58 88 87 58 58 58 58 58 59 50 50 58 58 58 59 50 58 58 59 50 50 50 50 50 50 50 50 50 50 50 50 50	81 50 72 51 51 87 58 78	
K8 - 5 K8 - 6 K8 - 7 K8 - 10 K8 - 11 K8 - 12 K	Menchia Nagga Oum Somaa Oued Zira Outed Touati Tenchig Zaouiet El Harth Ziret Louhichi Chouchet Nagga Guataya kedida Mansoura Rabta Telmine Tembib Tombat Limagues Mazzaa Neji Oum El Farth 1 et 2 Siftinni Saklana Bazma Behelti Bidente Zarniae kemna	140 181 162 54 125 58 125 150 123 150 150 150 150 150 162 162 162 162 163 		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 62 63 64 65 66 67 68 68 71 73 68 73 73 73 73 73 73 73 74 75 76 76 76 76 76 76 76 76 76 76				G8-18 G8-19 G8-20 G8-21 G8-21 G8-23 G8-24 G8-28 G8-28 G8-30 G8-31 G8-30 G8-31 G8-32 G8-30 G8-31 G8-34 G8-35 G8-36 G8-37 G8-36 G8-37 G8-38 G8-38 G8-39 G8-41 G8-41 G8-41 G8-41	Aouinette Cheochou 1 Cheochou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 1 Bechima 2 Khebayet Ben Ghilouf Gilh Dokhane Oued Nekhla Arram Mareth 1 Mareth 2 Mareth 3 Mareth 4 Mareth 6 Zarat 2 Zerkine 1 et 3 Zerkine 2 Ayoune Zerkine Madssia Kettana 1 Kettana 3 Kettana 4 Sidi Seltam	200 200 200 200 200 200 200 200 200 200			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 50 54 30 58 88 87 58 78 30 58 78 79 60	81 50 72 57 57 58 78	
K8 - 5 K8 - 6 K8 - 7 K8 - 18 K8 - 9 K8 - 10 K8 - 11 K8 - 12 K8	Menchia Nagga Oum Somaa Oued Zira Ouled Touati Tenchig Zaoulet El Anes Zaoulet El Harth Ziret Louhichi Chouchet Nagga Gustaya kedida Mansoura Rahta Telmine Tembib Tombar Limagoes Maryaa Neji Oum El Farth i et 2 Siftimi Saklane Barghouthia Bazma Bichetti Bidette Zarcine kemna Mhouria	140 181 181 182 176 183 184 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 62 63 64 63 63 63 75 75 76 76 77 78 78 78 78 78 78 78 78 78	67			G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G9-25 G8-26 G9-27 G8-28 G8-29 G8-30 G8-31 G8-31 G8-35 G8-39 G8-31 G8-34 G8-36 G8-39 G8-31 G8-34 G8-41 G8-42	Aguinette Cheachou I Cheachou I Cheachou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 2 Khebayet Ben Ghilouf Glib Dokhane Oued Nekhta Arram March 1 March 2 March 3 March 6 Zarat 2 Zerkine I et 3 Zerkine 2 Ayoune Zerkine Madssia Kestana 1 Kettana 3 Kestana 4 Sidi Seltam Zrig Barrania	263 233 233 240 240 280 280 290 96 160 160 160 160 160 160 160 160 160 16			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 82 54 30 58 88 88 78 30 30 58 87 87 98 98 98 98 98	81 50 72 51 51 87 58 78	
K8 - 5	Menchia Nagga Oum Somaa Oued Zira Ouled Tovati Tenchig Zaoulet El Anes Zaoulet El Harub Ziret Louhichi Chouchet Nagga Gustaya kedida Mansoura Rabta Telmine Tembib Tombar Limagoes Mazzaa Neji Oum El Farth 1 et 2 Siftinii Saidane Barghouthia Bazma Behelti Bildette Zarcine kemaa Misaid	140 181 162 176 54 123 26 133 85 133 85 133 133 135 137 240 137 240 24		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 57 66 81	81 88 62 62 63 64 120 63 63 73 73 73 73 73 74 75 75 76 76 77 78 78 78 78 78 78 78 78 78 78 78 78	67			G8-18 G8-19 G8-20 G8-21 G8-21 G8-25 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-31 G8-32 G8-33 G8-31 G8-32 G8-34 G8-35 G8-37 G8-38 G8-39 G8-40 G8-41 G8-42 G8-43	Aouinette Cheochou 1 Cheochou 2 Telouri Hamma Oasis Mziraa Hamma Bechima 1 Bechima 1 Bechima 2 Khebayet Ben Ghilouf Glib Dokhane Oued Nekhla Arram Maruh 1 Maruh 2 Maruh 3 Maruh 3 Maruh 5 Maruh 6 Zarat 2 Zerkine 1 et 3 Zerkine 1 et 3 Zerkine 1 Keitana 1 Keitana 1 Keitana 3 Keitana 4 Sidi Seltam Zrig Barrania Ghandri	260 233 233 240 240 240 280 280 280 280 280 280 280 280 280 28			132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 50 54 30 58 88 87 58 78 30 58 78 79 60	81 50 72 51 87 58 78 78 70 62 60	
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K8 - 5 K8 - 6 K8 - 7 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 12 K8 - 13 K8 - 14 K8 - 15 K8 - 12 K8 - 22 K8 - 22 K8 - 24 K8 - 25 K8 - 24 K8 - 25 K8 - 24 K8 - 25 K8 -	Menchia Nagga Oum Somaa Oued Zira Outed Touati Tenchig Zaouiet El Harth Ziret Louhichi Chouchet Nagga Guataya kedida Mansoura Rabta Telmine Tembib Tombar Limagoes Mazzaa Neji Oum El Farth i et 2 Stiftinii Saklana Behelti Bidente Zarcine kemna Miouria Missid Kahmat Ras El Ain	140 181 162 176 54 123 26 133 85 133 85 133 133 135 137 240 137 240 24		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 81	81 88 62 62 63 64 120 63 63 73 73 73 73 73 74 75 75 76 76 77 78 78 78 78 78 78 78 78 78 78 78 78	67	80		G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-32 G8-33 G8-31 G8-32 G8-34 G8-35 G8-36 G8-37 G8-36 G8-37 G8-36 G8-37 G8-38 G8-39 G8-40 G8-41 G8-42 G8-43	Aouinette Cheochou 1 Cheochou 2 Cheochou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 1 Bechima 2 Khebayet Ben Ghilouf Giib Dokhane Oued Nekhla Arram Mareth 1 Mareth 2 Mareth 3 Mareth 5 Mareth 6 Zarat 2 Zerkine 1 es 3 Zerkine 1 es 3 Zerkine 2 Ayoune Zerkine Madssia Kettana 1 Kettana 3 Kettana 4 Sidi Seltam Zrig Barvania Ghandri Laarach 3	200 200 200 200 200 200 200 200 200 200		701	132 116 57 40 32 80 80 140 145 96 90 70	131 116 120 140 145 90 82 54 30 58 88 88 78 30 30 58 87 87 98 98 98 98 98	81 50 72 51 87 58 78 78 62 60	
K8 - 5 K8 - 6 K8 - 7 K8 - 8 K8 - 9 K8 - 10 K8 - 11 K8 - 12 K8 - 13 K8 - 14 K8 - 15 K8 - 14 K8 - 15 K8 - 12 K8	Menchia Nagga Oum Somaa Oued Zira Ouled Touati Tenchig Zaoulet El Anes Zaoulet El Harth Ziret Louhichi Chouchet Nagga Gostaya Łedida Mansoura Rabta Telmine Tembib Tombar Limagoes Margan Neji Oum El Farth I et 2 Stiftioni Saklane Barghouthia Bazma Bechtli Bidette Zarcine Łemna Miouria Missid Rabmat Ras El Ain Sauk El Baicz	140 181 181 182 176 183 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 81	81 88 88 62 62 62 62 62 62 62 62 62 62 62 62 62	. 56 . 56 . 107	80		G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-32 G8-33 G8-31 G8-32 G8-34 G8-35 G8-36 G8-37 G8-36 G8-37 G8-36 G8-37 G8-38 G8-39 G8-40 G8-41 G8-42 G8-43	Aouinette Cheachou I Cheachou I Cheachou I Cheachou 2 Trelouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 1 Bechima 2 Khebayet Ben Ghilouf Giib Dokhane Oued Nekhla Arram Maruh I Mareh 2 Mareh 3 Mareh 5 Mareh 6 Zarat 2 Zerkine I et I Zerkine I et I Zerkine 1 Kettana 1 Kettana 1 Kettana 1 Kettana 3 Kettana 4 Sidi Selfam Zrig Barrania Chandri Larash I	260 232 57 400 280 280 280 290 66 180 160 160 180 180 180 180 180 180 180 180 180 18		- 763	132 116 57 40 32 80 80 140 145 96 90 30	131 116 120 140 145 90 50 54 30 58 88 87 58 78 98 70 60 71	81 50 72 57 87 58 78 78 62 60	3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3
K8 - 5 K8 - 6 K8 - 7 K8 - 19 K8 - 29 K	Menchia Nagga Oum Somaa Oued Zira Outed Touati Tenchig Zaouiet El Harth Ziret Louhichi Chouchet Nagga Guataya kedida Mansoura Rabta Telmine Tembib Tombar Limagoes Mazzaa Neji Oum El Farth i et 2 Stiftinii Saklana Behelti Bidente Zarcine kemna Miouria Missid Kahmat Ras El Ain	140 181 182 176 183 184 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185 185		91 81 88 62 54 63 81 85 26 75 67 86 81 129 64 57 66 81	81 88 62 	56	80		G8-18 G8-19 G8-20 G8-21 G8-23 G8-24 G8-25 G8-26 G8-27 G8-28 G8-29 G8-30 G8-31 G8-32 G8-33 G8-31 G8-32 G8-34 G8-35 G8-36 G8-37 G8-36 G8-37 G8-36 G8-37 G8-38 G8-39 G8-40 G8-41 G8-42 G8-43	Aouinette Cheochou 1 Cheochou 2 Cheochou 2 Telouri Hamma Oasis Mairaa Hamma Bechima 1 Bechima 1 Bechima 2 Khebayet Ben Ghilouf Giib Dokhane Oued Nekhla Arram Mareth 1 Mareth 2 Mareth 3 Mareth 5 Mareth 6 Zarat 2 Zerkine 1 es 3 Zerkine 1 es 3 Zerkine 2 Ayoune Zerkine Madssia Kettana 1 Kettana 3 Kettana 4 Sidi Seltam Zrig Barvania Ghandri Laarach 3	200 200 200 200 200 200 200 200 200 200			132 116 57 40 32 80 80 140 145 96 90 30	131 116 120 140 145 90 50 54 30 58 88 87 58 78 98 70 60 71	81 50 72 57 58 78 70 62 60	551

Tableau 7.2.2.1 Décomposition du coût du projet

							(Un	(Unit:000'D)
I to	1st	Year	2nd Year	3rd Year	4th Year	5nd Year	6nd Year	Total
(1)Direct Cost				s				
(irr. and drain. facilities)		0	11,416	18,661	19,846	11,578	3,417	65,018
(2) Land Acquisition and								
Compensation		212	367	355	232	98	0	1,254
(3)Administration								
(1.5% of (1))		0	15 85	283	297	177	61	975
(4) Engineering Services								
		640	1,480	1,534	1,264	709	244	5,871
(5)Physical Contingency		1 .						
(10% of (1)+(2)+(3)+(4))	··	85	1,342	2,083	2,173	1,254	372	7,309
(6)Price Contingency(4%)								
(4% of (1)+(2)+(3)+(4)+(5))		37	1,204	2,861	4,061	2,990	1,086	12,239
	: .				· · · · · · · · · · · · · · · · · · ·			
Total	· · · · · ·	974	15,967	25,777	27,973	16,794	5,180	92,666

Evaluation financière et économique des produits et des équipements agricoles Tableau 9.1.1

		Tamp	Farm Producte	L						
			וואמניי					rarm inputs	UTS	
		Financial	Economic				Financial	ω.	Economic	
Description	Unit	Price	Price		Description	Chit	Price		Price	
		ê	(; <u>c</u>)							
A. FARM PRODUCTS				≺	A. SEEDLING/SEED					
1. Arboriculture					1. Arboriculture					-
1.1 Date Palm	X	1.025	1.180	400.00.	1.1 Date Palm	Seedling	1.500	i	1.500	
1.2 Olive	Kg	0.400	0.625		1.2 Olive	Scedling	2,000	•	2000	-
I.3 Pomegranate	Χg	0.287	0.294		1.3 Pomegranate	Seedling	0.500	•	0.500	
1.4 Apricot	×	0.493	0.505		1.4 Apricot	Seedling	0.800	•	080	
15 Fig	×	0.385	0.394		1.5 Fig.	Seedling	0.500	•	0.500	.,
2. Vegetables					2. Vegetables	(Seed)	;			
	χ 80	0.109	0.113			X 89	24.100	•	24,100	
	XS	0.201	0.208		2.2 Tumip	X	13,500	í	13.500	
2.3 Onion	Ž,	0.186	0.192		2,3 Onion	Ϋ́	29.000	٠	29.000	
2.4 Kidney Beans	X 3	0.370	0.383		2.4 Kidney Beans	X	1.500	1	200	
2.5 Pepper	3	0.874	0.904		2.5 Pepper	X	156,200	ı	156,200	-
2.6 Tomato	ΚŞ	0.310	0.321		2.6 Tomato	× ×	72.500	•	72.500	
3. Fodder Crops				· · · · · ·	3. Fodder Crops	(Seeds)				Sec. or
3.1 Lucern	×s	0.053	0.055		3.1 Lucern	Kg	4.300	2	4.300	
4. Industrial Crops	:	:			4. Industrial Crops	(Seed)				
4.1 Henna	Kg	1.839	1.904		4.1. Henna	×	2.100	ı	2.100	
Sources : Arr. des Eudes et Statistiques Agricole, Division des Etudes et du Development	lues Agricol	e, Division des En	udes et du Developr	L	B. FARM INPUTS					
Agricole, Gafsa, Tozeur, Kebili and Gabes CRDA	Kebili and G	abes CRDA		-	I. Fertilizers		(per kg)	(8)	9	(per kg)
Farm Economic Survey by JICA Study Team, September 1995	by JICA Stuc	ty Team, Septemb	Xer 1995	-	1.1 FYM/Compose	č č	10,000	;	8.500	}
Remarks: T.C. *: Transportation cost from market to farm including handling charge	st from mark	cet to farm includi	ng handling charge		1.2 Ammonite	50 kg	11,500 02	0.230	9,700	0.194
					1.3 Super 45 (TSP)	50 kg	11,900 02	0.238	13.250	0.265
Ref.: ANNEX-K, Tables K.2.1.1, K.2.1.2 and K.2.1.3	i, K.2.1.2 an	d K.2.1.3			1.4 Sulfate de Potasse	50 kg	21.100 0.	0.422	13.800	0.276
	. *		:		1.5 Nitrate de Potash	50 kg	44,000 0.3	0.880	26.100	0.522
4,					2. Insecticides	¥	18.700	1	18.700	•

25.200

25.200

3 % E

3. Fungicides 4. Water Charge (x 0.85)

4.420 4.930 5.780

5.200

man-day man-day man-day

5. Labor Charge
2.1 Casual Worker
2.2 Pollinisation (Date)
2.3 Harvesting

Frais de production et profits avec et sans le projet Tableau 9.2.1

								(Unit : D	7110 <i>)</i>
		G	ross Inco	me	[7a	Produc Labor	tion Cost		Net
Description		Yield*	Unit Price	Amount	Farm Inputs		Others	Total	Return
Description		(ton)	(D./kg)					(b)	(a - b)
Arboriculture 1.1 Date Palm	Without Project With Project Increment	4.55 5.18 0.63	1.180	5,367 6,108 <u>741</u>	351 475	501 536	42 50	894 1,061 <u>167</u>	4,473 5,047 574
1.2 Olive	Without Project With Project Increment	4.78 5.33 0.55	0.625	2,990 3,333 <u>343</u>	215 286	449 421	33 35	697 742 <u>45</u>	2,293 2,591 298
1.3 Pomegranate	Without Project With Project Increment	7.90 9.25 1.35	0.294	2,328 2,720 392	329 390	476 462	40 43	845 895 <u>50</u>	1,483 1,825 <u>347</u>
1.4 Apricot	Without Project With Project Increment	9.88 10.98 1.10	0.505	4,987 5,543 <u>556</u>	343 405	569 569	46 48	958 1,022 <u>64</u>	4,029 4,52 49
1.5 Fig	Without Project With Project Increment	3.37 3.77 0.40	0.394	1,326 1,484 158	244 371	476 462	49 62	769 895 126	55° 58° 3'
2. Vegetables 2.1 Turnip*/Carrot	Without Project With Project Increment	22.50 2.50	0.208	4,160 4,680 520	370 414	972 1,048	67 72	1,409 1,534 <u>125</u>	2,75 3,14 <u>39</u>
2.2 Onion	Without Project With Project Increment	21.00 23.80 2.80	0.192	4,032 4,570 <u>538</u>	432 476	1,061 1,092	75 79	1,568 1,647 <u>79</u>	2,46 2,92 <u>45</u>
2.4 Kindey Beans	Without Project With Project Increment	10.40 11.70 1.30	0.383	3,983 4,481 <u>498</u>	261 344	915 1,012		1,235 1,424 189	2,74 3,05 30
2.5 Pepper	Without Project With Project Increment	9.20 10.30 <u>1.10</u>	0.904	8,317 9,311 <u>994</u>	1,043 1,080	1,017 1,083		2,163 2,271 108	6,15 7,04 <u>88</u>
2.6 Tomato	Without Project With Project Increment	20.90 23.40 2.50		6,709 7,511 <u>803</u>	624 668	1,017 1,083		1,723 1,838 115	4,98 5,67 <u>6</u> 8
3. Fodder Crops 3.1 Lucern	Without Project With Project Increment	54.40 65.30 10.90		2,992 3,592 <u>600</u>	249 344	628 685		921 1,081 160	2,07 2,51 <u>44</u>
4. Cash Cróps 4.1 Henna	Without Project With Project Increment	1.40 1.70 0.30		2,666 3,237 571	386 481	703 751	55 62	1,144 1,294 150	1,52 1,94 <u>42</u>

Remark: Figures of arboriculture crops are estimated average yield and annual cost of 25 years.

Ref.: ANNEX-K, Tables K.2.2.1 (i) to (7)

Tableau 9.2.2 Bénéfices annuels de l'irrigation dus à l'exécution du projet dans les 4 gouvernorats

1. Arturiculture (WI) P. Cam) (V																
	CW/ P. Cont)					• :						4		:	:	
5	(a) (a)	812	#12		2.034	3.036		6.56A	4.566		3,113	3113	6 0	15.527	15.527	
Gross Production Value Production Cost	66.6	A SECTION	2.957.0	135.6	2027 1,5022	5.343.U	4 4 5	5,870.0	6,955.5	065.5	2783.0	3,301.2	2202	13.881.1	16.463.5	2.824
1.2 Olive My DA	2]		1020-1	9						1			
· Planted Area	(A)	122,11 8,171,11	1225	1,124,0	2928	338.0	45.2	18 185.8	¥ 38	\$ 00	1882	130 130	627.1	4,319	4,319	1,846.8
Perduction Cost Net Lacone (Integring Benefit)	6 9 9 9 9 9	0.85. 0.120. 0.120.	1,648.0	0.001	*C. 1	202	21	135.2	31	១ដូ	1,203.7	1,281,6	77.7 549.4	0,010,0 5221,61	148783	1622
1.3 Pomegranate set DAL	FPS DAM	9	ş	;	1	ž	-	**	9		1748	132		7.744	7,0	
- Crise Pertection Value	(D. :00)	2017	347.1	8.5	3	1001	6,01	147.2	165.5	18.6	5,9627	996	981,4	4560	7,616,1	1,049.1
Presidenting Net Income Ordention Benefits	000, 000 000, 000		1	2 1	ខ្លួនា	<u> </u>	8 3	3	ខ្លួន	3	44514	1	org org	4.700.	2642	575
1,4 Apriess 958 DAM	8		3	j.	;				1			•				
Planted Area Cover Probablish Value	(P) (Q) (Q) (Q)	1,206.4	1,007.	101.2	~ \$€	7,	7.9	\$ Q	67.8	7.0	1 12 2 12 2 12 2 12 2 12 2 12 2 12 2 12	814.0	111.9	2,035.8	2,263.8	0.82
- Production Cost	(00, 00)	119.8	127,8	9, 6	4.8.9 4.1.1	27.	7	6.04	4 C	3	116,9	9,54,9	0.00	3323	355.1	ជំនុំ
The Property of the Party of th	ž	1		1	1	1	1	1		1	1			T-FAX-		
	ê	124	<u>\$</u>		33	213		52	243		28	8		\$	8	-
- Crimic Production Value	(000, (00)	**************************************	110.5	% <u>?</u>	208.6 163.8	1 2 3	5 i i	2503 86,9	2021	ร	2 T	X827 X81.3	67.0	740.6	1,760.2	1,47,8
Net Income (Introdon Benefit)	- 1	7.17.	3003	15.5	42.8	49.4	99	C F	1779	2	433.3	474.4	=	521.8	801.5	E
2 Vercentes	9		1.	-		;	-	:				1		1		
Planted Area	3	991	*		2	ä	•	457	55		393	702		ONT I	0	į
- Great Production Value	600, 600, 600,	233.9	9.77	វិន	1 2	8.06I	33	61.5	6.109. 8.7%	250	532.	2340.2 600.8	2 4 2 4	1,606.2	3,407,5	177.8
- Not income the	}	982	7	3	138.1	186.9		720	7	g K	10814	1 950 4	9	3330	177.18	CQ.
- Plantel Area	(M)	¥.	ž		ä	ភ	,	š	₹.		Ę	\$		1,23K	1,2,16	• •
Count Probaction Value Prespection Cont	(000 (000 (000	240.3	777	12.9 12.9	1929	0.00	10.1	848.7	5 88 C 13	0.0		2390.2 672.3	25.	1.941.2	2,036.8	¥ \$.
		5.88.5	777	7	3	020	ដ	7	816.4	951	1.0200	87.18	27.73	30122	51251	- 22
2.3 Kindey Beans 1,235 D.Am Planted Ave.	(m)	191	167		**	*S		36,	263		ş	8	: :	×	555	
- Cerva Perduction Value	600.00	28.6	1,014,9	3,5	71.68.7	162,7	0.6	A85,4	373.0	2 5 2 5		458.9	57.6 12.3	21705	2430.1	259.
- Net Income Unication Benefit	~ 4	022	T.	3	ī.	2	3	900	191.6	3	1	367.6	3	14820	1990	22
2.4 Perpet 2,145 O.M.	1271 DAM	319	319		Ş	ž	· <u> </u>	358	558	1	413	45		1,458	1,459	
Come Physicalon Value	6 6 6 6	2,895.8	1,1724	276.K	5,914,5	145.2	7.05	3,433,0	2440.3	416.3	4,659.2	5,339.5	7089	12,0024	13,506.6	282
No Income On	9 000	1300	2,445.9	큵	1153	1	9	7,7260	187.6	330.0	7702	1,08.1	3	8.048.7	10.1972	765
2.5 Temate L.72 D.Au - Plantof Area	(%) (%)	22	23		ā	3	<u> </u>	2	248		Đ.	8	132	22	22	:
Gross Production Value	(0000)	2,117.5	2,320,5	2030	431.5	4.8A.8	55.5	1,321.0	1,480.0	139.0	1,282,	4694	1,031	5,152.3	5,756.7	604.4
Net Income (Intestion Benefit)		1,777	1.910.5	277	202.5	110	3 5	7.128	1 001	1114	6 LL6	9779	100	18204	43319	17.0
3. Podder Crops 3.1 Lucem 921 D.As	LOSS DAM	:			,	,		. : 	`. 	_	•			3	-	,
od Arch	ŝ	. B.R6	¥2	-	=	Ē		2.850	2,830		7.620	0.00		5,667	5,667	į
Protection Cost	(00°.45)	2001	957.7	1,1	286.4	33.6	5.4	2.024.8	300	57.5	1,492.0	1,751.0	259.0	5,219.2	6,106.4	1,000.1
4. Industrial Crops	1.	T CANA			25101	7,337		X10XX	4487.9		10/43	2	4497	11.777.6	1000	1 22 3
4,1 Henry 1,144 DAM	AND POLI	:		-					4		Ş	637	4	Ş		
CAN Production Value	(D. 1000)										1,219,0	0.44	244.0	1,219,0		244.0
- Net Income Circumster Benefit)	66.489 489 489					· · ·	- 4	F 1			2 2 2 3 3 3	N. C.	191	25.2		282
Total Patters Area Total Consciences Value		421.5 921.4 47.744 A 17.14	45.15 45.14	3.77.0	A.501	43,026,8	1004.5	12,130	12,130	7.385.1	10,640	10,690	7.86.1	34,680	30,35,050	21,026.9
	(O. 00)	. 200.	3,739.1	2357	6,183.0	7,171.6	988.6	12451.1	14,247.5	787	10,440,8	11,688.0	1247.8	X 281.		4,565.5
							× X	and/mile	Seedle	7	or and	Z TOTAL C	7	777767		

Tableau 9.3.1 Coût du projet, frais de maintenance et bénéfices de l'irrigation dans les 153 oasis

Code						4			£ Table 1	4.	100		1000		<u> </u>	
			Project	Cal	0/31	Cost	Imgation	Benefit	Code	T	Projec	1 Cost	0.5	l Cost	Lingation	Benefit
h	Name of Occ.				Total	per ha	Toai	oct ba	No Name of Oasis	Area	Total	per ha	Total	et ba	Total	perhá
No 1	Name of Oasis	Arra	Total	Det pa					NO THE GOODS			(DAs)	(0,600)	(0As)	(O.900)	(0.84)
100		(NA)	(D, 000)	(D/A)	(D.000)	(D.Aa)	(0.000)	(L) (la)	Latitus I	, (M)	(D.,000)	(n)wst	(57,000)	(07:4)	(0.500)	10,2
Garsa Con	vernorate				,				Kebili Governomte	-	44.11		1.1		اميدا	
GF I	Kasba	698	1,268	1,317	14.5	21)	420.5	602	KB -40 Gorliada	103	260	2,524	2.5	. 27	91.6	889
GF 2	Sud Owsi	703	1,630	2,304	17.3	25	640.8	- 912	KB-41 Kelwamen	47	225	4,787	. 2.1	45	50.8	1.081
	El Guettar	450	1,287	2,860	13.1	29	451.4	1.025	KB-42 Kibia	92	267	2,903	2.0	30	39.0	4,1
	Lalla	700	1,595	2,279	17.t	24	461.7	660	KB -43 Sidi Harred	100	239	2,390	. 2.5	26	73.3	733
						22	381.2	660	KB-44 Atilet	220	872	3,954	8.5	39	169.6	771
	EiKsar	578	1,133	1.960	12.6					280	778	2,779	8.2	29	1860	661
CF - 6	Ourd Shili	56	155	2,961	13	30	52.7	941	KB-45 Doux						19.7	263
CF · 1	Their	65	350	5,385	: 3.2	49	69.8	1,074	KB:46 Et Ghaula	75	292	3,893	2.9	39		
GF - 1	Seguloud	217	853	3,931	8.2	38	354.2	1,632	KB 47 El Golas	65	274	4,215	27	42	19.8	305
	Sub-total (8)	3,467	8.272	2,186	87.7	25	2,542.3	820	KB 45 Grad	101	712	6,414	6.5	59	47.0	423
	evernorate	7						,	KB 49 Ellfsay	90	135	1,500	1.7	. 19	42.1	468
12. I 1	4	929	2,885	3,107	29.5	32	645.4	695	K8-50 Nouel	97	271	2,791	2.9	.30	853	879
							32.0	540	KB-51 Zazirane	101	128	1,267	1.7	17	7.4	23
12 - 2		50	134	2,750	. 15	30				80	290	3,625	2.9	35	58.1	726
15.3 (Oved El Koucha	62	197	3,177	2.0	32	33.2	535			450	4,500	43	43	75.7	757
72 1 1	Neflayeste	72	205	2.847	21	39	39.2	541	KB 53 Ksar Ghilane	100						
TZ 5 (Cheissa	90	261	2,900	2.7	30	37.5	- 417	KB 54 Sakkooma	. 80	454	5,575	4.2	53	31.0	783
TZ - 6 1	Helba Est	75	362	4,827	3.4	45	72.6	968	KB-55 Tartaya	17	300	3,896	2.9	38	13.9	181
	Helba Quest	50	114	2,280	. 13	26	25.9	518	KB-56 Dhornrana	. 45	193	4,289	1.9	- 2	30.3	613
	Ihim I	40	156	3,900	1.5	38	55.8	1,395	KB-57 Smida	64	206	3,219	2.1	33	40.7	636
				3,994	6.5	39	1213	126	KB-58 Ghidma	50	169	2,113	1.9	24	55.7	696
	Jhim 2	167	667	1,892	15.0	45	543	167	KB-59 Sabria	60	317	5,283	30	50	91.1	1,518
	Ibn Chabbat 3	325	1,590						KB-60 El Faccar I	87	309	3,552	3.1	36	75.4	857
	Nefta	852	2,162	2,538	23.2	27	803.9	944		80	275	3,438	2.0	35	45.0	563
72-12 (Chardgaya	40	163	4,075	1.6	40	33.3	833	KB-61 Et Faouar 2						68.5	685
7Z-13 F	Iba Chabbat I	240	700	2,917	13	30	65.6	274	KB-62 Bechni	100	299	2,9%	3.1	31		
T2-14-1	Ibn Chabhat ?	272	1,211	4,452	. 11.6	43	73.2	269	KB-63 Dergine	72	368	5,111	3.5	49	8.9	124
	Draz Sod	198	93	470	2.1	11	12.3	62	KB-64 Matrouha	100	101	4,010	3.9	39	93.7	937
	Hazoua I	72	383	5,403	3.6	50	66.4	922	KB-85 Regins Maxioug I	104	442	4.250	4.3	41	62.9	605
		48	199	4,146	1.9	40	61.8	1,268	KB-56 Regim Maxtoug 2	95	294	3,063	3.0	31	. 45.4	483
	Hazoua ?					38	284.6	1,196	KB -67 Tarfayet Elma	52	190	3,654	1.9	37	39.0	750
	Hazoua 3	23B	921	3,199	9.1						25,761	3,571	257.4	36	5,589.7	775
12-19 (Outd Loghnissi	78	351	4377	3.4	44	57.7	740	320 1.7-1	7,213	\$5,701		231.4			
12 - 20	Tozani	48	197	4,000	1.9	40	33.8	704	Gabes Governorate		12.5	2012	1		أخمما	
12 - 21 C	Cedada	55	300	5,455	2.5	51	56.8	1,033	G8 · 1 Ain Zrig	140	283	2,021	3.4	24	827	591
-	Dehoumes	104	438	4,212	4.2	40	85.8	. 825	GB 2 Temoula I	40	104	2,600	1.1	28	16.7	416
	Degache	822	2,718	3,301	27.4)3	662.9	806	GB 3 Temoula 2	20	112	5,600	.1.1	55	16.8	840
		90	221	2,522	2.4	27	\$5.4	6:6	GB + 4 - Zrig Dukhlania	30	122	4,967	1.2	40	18.4	613
	Chatumou .					_	376.7	942	G8 - 5 Tebouibou	530	2,152	4,138	213	41	5113	983
	El Hamma	400	1,119	2,798	11.7	29				731	1,885	2.569	20 8	28	6310	864
TZ - 26	Tamerza	80	488	6,100	4.5	56	. 51.5	644	G8 · 6 Ozsis de Gaves				62		141.6	957
TZ-27 C	Chebika	23	91	3,957	0.9	39	6.1	291	GB - 7 Limaous Let 2	148	628	4,243		42		
TZ-28 1	Foum El Khanga	48	212	4,437	2.0	. 42	13.0	271	GB & M dou	40	204	5,100	19	48	36.5	913
12-29 1		29	79	2,724	0.8	28	8.5	293	GB - 9 Choit El Ferik	31	52	1,677	0.7	23	15.5	500
-	Aia El Karma	25	117	4,680	1.1	44	8.6	344	GB-10 Bouchamma	143	246	1,720	3.1	22	83.0	580
	Sob-total (30)	5,622	18,759	3337	189.0	34	3,935.9	700	GB-11 Mahjoub	374	3,270	3,396	13.1	. 35	390.6	1,044
		3,844	19,737	1 32.77	207.0	, -	7,0,00.5		GB-12 Salem	99	379	3,828	3.8	. 38	85.3	862
	overnorate .	l			1 2.1			179	GB · 13 Shoul	72	337	4,681	7 33	45	83.1	1,154
KB · I · I		162	797	4,9.30	7.5	- 46	142,4			260	932	3,717	9.9	38	212.5	817
KB - 2	8 ou abdallah	270	1,027	3,804	10.1	37	234.0	867	GB-14 Faycal					47	251.1	908
KB 3	Feinassa	205	624	3.063	6.5	32	94.4	450	GB-15 M ziraa Ghannou		1.365	4,873	13.1			
K8 - 4 &	El Glisa	94	442	4,702	4.2	45	90.1	959	GB-16 Metouis	268	794	2,963	- B.4	-)1	238.9	891
	Menchia	140	786	5.614	7.3	52	201.7	1,441	GB-17 Ouedhref	263	1,033	3,928	10.3	39	431.8	1,642
	Nagga	181	461	2,547	5.0	28	126.8	701	GB-11 Apuinene	232	748	3,224	7.8	34	145.7	628
	Ours Somas	162	837	5.167	7.9	49	195.9	1,209	GB-19 Chenchou I	57	243	4.263	2.4	42	46.8	1 \$21
				3,222	5.8	33	189.8	1,078	GB-20 Chenchou?	40	120	4,750	18	13	31.8	795
	Oued Zina	176	567						GB-21 Tekouri	- 32	189	5,906	11	16	45.4	1,419
	Ouled Touati	62	231	3,726	23	37	8).1	1,340		400		3,458	14.2	36	488.2	1,221
	Tenchig	54	219	4,056	2.1	39	62.3	1,154	GB - 21 Hamma Oasis		1.383			43	193	1,116
KB - 11	Zaouict El Anes	125	278	2,224	. 3.1	15	93.0	744	GB -23 Mzinia Hamma	80	345	4,313	3.4			
	Zavuict El Harth	81	329	4,062	3,2	40	128.9	1,591	GB -24 Bechina I	280		3,613	10.4	.17	137.6	491
	Ziret Louhichi	85	289	3,360	2.9	34	56.5	657	GB-25 Bechina 2	290		4,100	116	41	291.1	1.001
	Chouchet Nagga	26	88	3.385	0.9	35	18.5	712	GB -26 Khehayet	96	192	2,000	23	24	42.9	447
KB-15		150	305	2,033	3.5	2)	131.8	879	GB -27 Bea Ghilouf	180		1,250	3 2	18	63.8	354
				5,496	6.1	51	137.6	1,035	GB -28 Glib Dokhane	70		2,371	1.9	27	24,7	353
KB-16		133	731						GB -29 Oued Nekhla	30		2,167	0.8	27	16.9	563
	Mansoura	86	491	5,714	4.6	53	127.9	1,487		163		5,313	5 2	59	126.5	175
KB - 18		163	682	4.210	6.6	_ 41	149.5	923	GB-30 Arram							173
KB-19	Telmine	240	1,097	4511	10.5	41	249.8	1,043	GB-31 March I	100		4,530	4.4	44	173	
KB -20		118	349	2,958	3.6	31	62 8	532	GB-32 Mareth 2	180		₹,828	8.4	47	190.3	1.057
KB -21		127	591	4,654	3.5	44	106 6	839	G8 -33 Mareth 3	30	133	4,433	13	. 43	. 18.4	613
	Limagues	57	198	3,474	2.0	35	413	725	GS -34 Mareth 5	115	824	7,165	7.5	65	1727	1,502
					3.3	50	63.2	955	GB -35 Mareth 6	88			3.1	35	82.2	934
	Mazraa Neji	66	348	5,273				513	G8-36 Zarai 2	174			1.2	47	128.7	740
	Oum El Fanh I et 2		79	1,436	- 10	18	28.2			116			29	25	48.4	
K8 -25		82		3,878	1.8	22	27.2	332	GB-37 Zerkine Let 3							
K8 -26	Saidane	30		2,957	0.9	30	213	710	GB -38 Zerkine 2	156			63	40	88.6	568
	Barghouthia	52	129	2,481	14	27	. 47.4	912	G8-39 Ayoune Zerkine			3,000	10	33	17.6	
K8 -21		145	473	3.240	4.8	33	82.6	566	GB-40 Madssin	58		3,810	5.5		9.3	
K8 -29		135		3,293	51	38	101.4	751	GB-41 Kestana I	98	429	4,178	4.2	43	97.9	999
				2,693	22	29	76.7	1,023	GB -42 Keitana 3	140			5.8		95.1	679
KB -30		75	202						GB -43 Kettana 4	125		3,856	4.8	38	96.5	
		70	184	2,629	2.0	29	79.4	1.334					77	31	95.0	4
K8 -31		112	116	1,036	1.7	15	21.0	241	GB-44 Sidi Sellam	_ 120						
K8 -31 K8 -32		\$1	158	1,951	1.8	21	53.9	665	GB-45 Zrig Barrania	71			23	32	29.1	410
KB-32	PRODUCE		316	3,126	3.2	34	112.2	3,311	G8 -46 Ghandri	30			12		4.5	
KB-32 KB-33		1 45							GB-47 Lauradh I	35	185	1 4 12/	1 19	1 10		563
KB-32 KB-33 KB-34	Msaid	95			10	14	1.555	833	II US+I/ LEUNINI	33	103	5.286	11.7	. 49	19.7	1. ~~
KB-32 KB-33 KB-34 KB-35	Msaid Rahmat	* 85	299	3.518	3.0	35	164.5	653						49	19.7	
KB-32 KB-33 KB-34 KB-35 KB-36	Msaid Rahmat Rás El Áin	85 268	299 971	3,518	3 9.3	35	164.5	614	GB-48 Lairadh 3	55	235	4,273	2.3	+2	19.7	358
KB-32 KB-33 KB-34 KB-35 KB-36 KB-37	Msaid Rahmas Rás El Áin Sauk El Baica	268 65	299 921 193	3,518 3,421 2,969	9.3 2.0	35 31	164.5 45.6	614 111			235	4,273				358
KB-32 KB-33 KB-34 KB-35 KB-36 KB-37 KB-38	Msaid Rahmas Ras El Áin Sauk El Baica Ben Zitoun 1 el 2	268 65 147	921 1931 193	3,518 3,407 2,969 3,216	9.3 2.0 4.8	35 31 33	164.5 46.6 156.7	614 111 1,066	G8-48 Lauru(h3 Sob-tidal (48)	55 7,133	235 25,976	3,642	23 264.8	31	19.7 6,094.5	\$55 \$54
KB-32 KB-33 KB-34 KB-35 KB-36 KB-37 KB-38	Msaid Rahmas Rás El Áin Sauk El Baica	268 65	921 1931 193	3,518 3,421 2,969	9.3 2.0	35 31	164.5 45.6	614 111 1,066	GB-48 Lairadh 3	55	235 25,976	4,273	2.3	31	19.7 6,094.5	\$58 \$54

Tableau 9.4.1 Taux de profit économique interne dû au coût économique du projet et aux bénéfices de l'irrigation (par gouvernorat)

							100								
	- Gafsa (Governorate	R Oases			rUn	it D (000)	4.4	- Tozeu	Governora	e, 30 Oas	s -		(Un	c D , 00
-	-03.74		OM			Brigation	<u> </u>			Project	OM			Imigation	
Νo	Year	Project Cost	Cost		Total	Benefit	Balance	No	Year	Cost	Cost		Total	Benefit	Balanc
10	्रा दश				(c)	(d)	(c d)	1,77		(1)	(5)		(c)	(4)	(c - d
ı١	1007	(a) 64.0	(b) 0.0		64.0	0.0	64.0		1997	179.0	0.0		179.0	0.0	-179
1	1997			*	414.0	0.0	414.0		1998	3,327.0	0.0		3,327.0	0.0	332
2	1998	414.0	0.0		1,440.5		-1,417.5	3	1999	5.014.0	29.2		5,043.2	121.7	492
3	1999	1,437.0			3,047.4	23.0 148.7	-2,898 7	1 71	2000	5,517.0	17.4		5,594.4	444.0	3,150
4	2000	3,028.0	19.4				1,9513		2001	2,895.0	134.8		3,029.8	1,005.6	2.02
5	2001	2,388.0	50.2		2,438.2	473.9			2002	1.827.0	167.5		1,994.5	1,703.2	19
6	2002	941.0	76 3		1,017.3	968.5	-48.4	4 1		1,827.0	189.0		189.0	2,490.4	2,30
1	2003	٠.	87.7		\$7.7	1,537.0	1,439.3]	2003		189.0		189.0	3,155.9	2,966
8	2004		87.7		87.7	2,082.5	1,994.8	8			189.0		189.0	3,620.1	3,43
9	2005	1	87.7		87.7	2,525.2	2.437.5	3	2005				189.0	3,846.3	3,65
10	2006	l .	87.7		87.7	2,768 5	2,680.8	10	2006		189.0		189.0	3,935.9	3,74
1	2007		87.7		87.7	2,842.3	2,754.6	14	2007		189.0		1.5	3,935.9	;;;
12	2008		17.7		87.7	2,842.3	2.7\$4.6	12	2008	1.	189.0		0.681	3,935.9	1 3 4
13	2009	l	87.7		87.7	2,812.3	2,754.6	[13	2009	1.	189.0		189.0	3,935.9	3,74
4	2010		87.7		87.7	2,842.3	2.754.6	14	2010	1	189.0		189.0		374
15	20(1		: 87.7	-	87.7	2,842.3	2.754.6	15	2011		189.0		189.0	3,935.9	3,74
6	5015		87.7		§7.7	2,842.3	2,754.6	16	2012	1	183.0		189.0	3,935.9	
7	2013		87.1		87.7	2,842.3	2,754.6	17	2013		189.0		189.0	3,935.9	3.74
8	2014		87.7		§7.7	2,642.3	2.754.6	18	2014		189.0		189.0	3,935.9	3.14
9	2015		87.7		87.7	2,812.3	2,754.6	19	2015		189.0		0.681	3,935.9	3,74
0	2016		87.7		87.7	2,842.3	2.754.6	20	2016		189.0		189.0	3,935.9	3,74
11	2017		87.7		87.7	2,842 3	2,754.6	21	2017		189.0		189.0	3,935.9	3,14
22	2018		87.7		87.7	2,842.3	2,754.6	22	2018		189.0		189.0	3,935.9	3,74
ij	2019		87.7		87.7	2,812.3	2,754.6	23	2019		189.0		189.0	3,935.9	3,74
4	2030	ļ '	87.7		87.7	2,812.3	2.751.6	24	2020		189.0		189.0	: 3,935.9	3,74
5	2021	·	87.7		87.7	2,812.3	2.751.6	25	2021		189.0		189.0	3,935.9	3,74
-1	1.0	1.8				3.00	5 40 5 5	المتما	200	100 6446 6					- 1 - 1
Pi	oject Area	3.467	ha	. NPY	Cost	Berelie	B-C		roject Area		2	_NPX	Cost	Benefit	В.
Pi	roject Cost	6,272	x ,000 D.	10% =	6,064	13,193	7,127	P	reject Cos		x ,000 D.	10% =	14,422	19,291	4,6
	•	2,386	D./ha	7.5% =	6,783	18,015	11,232	1 1		3,337	D/ha	7.5% =	15,917	26,117	10,2
1 -	Sensitiv	ity data:		5% =	7,648	25,177	17,529		. Sensitiv	ity data:	ومتمستانين	5% ±	17,714	35,211	18,4
			Cost Up	Bo	nefit Down (9		1 a 2	1.0	S	4.7	Cost Up		nefit Down (%)	أحبنا أحبح	
÷	licin	(%)	(%)	-10	0	20	B/C		liem	(Æ)	(%)	-10	0	20	
	Cost	0	-10	26.0%	24.0%	19.9%	2.17	1	Cost	Ò	-10	16.9%	15.5%	15.3%	' !
1	Up .		.5	24.9%	23.0%	19.0%	2 66		Up		-5	16.1%	14.7%	11.5%	1
:	Benefit	0	0	23.9%	22.0%	18.1%	3.29		Benefit	0	0	15.3 %	13.9%	10.9%	, 2
1	Down	L	5	22.9%	21.1%	17.3%	1 1	1	Down		5	14.6%	13.2%	10.2%	I
٠.			- 30	22.0%	20.3%	16.6%	1 1	F			10	13.9%	12.6%	9.7%	
	EIRR	22.0%	20	20.5%	18.8%	15.2%			EIRR	13.9%	20	12.7%	11.4%	8.6%	
								Ц					<u> </u>		<u></u> _
	- Kebili	Governorat	e. 67 Oase	s -		ťUn	it: ID., 1000)		- Gabes	Governorat	e, 43 Oase	s -		(Un	ic O., V
7		Project	O/M			Irrigation	1			Project	O/M			Imgation	
io	Year	Cost	Cost		Total	Benefit	Balance	No	Year	Cost	Cost		Total	Benefit	Batar
···					, , , , , ,										1

ì	- Kebili C	iovemomte	. 67 Oases			(Uni	i: ID., 1000)		- Gabes	Governorate	, 43 Oase	s -		(Uni	it (0., 000)
\neg		Project	O/M	·····		Irrigation				Project	O/M			Imgation	1.1
No	Y ear	Cost	Cost		Total	Benefit	Balance	No	Year	Cost	Cost		Total	Benefit	Salaine
		(2)	(b)	· · · · · · · · · · · · · · · · · · ·	(c)	(d)	(c · d)			(a)	(b)		(c)	(4)	(c - d)
1	1997	294.0	0.0		294.0	0.0	-2910	1 1	1997	174.0	0.0		174.0	0.0	-174.0
2	1998	8.042 0	71.2		8,116.2	0.0	8,1162	2	1998	2,547.0	0.0		2,547.0	0.0	-2,547.0
3	1999	8,058.0	160.5	Contract of the Contract of th	8,218.5	322.2	-7,896.3	3	1999	7,930.0	25.9	1000	7,955.9	I19.8	-7,835.1
4	2000	5,104.0	214.4		5,318.4	1,019.3	-4,299.1	1 41	2000	9,917.0	111.6		10,028.6	635.0	-9,393.6
5	2001	3,850.0	253.8	1	4,103.8	1,950.2	-2,153.6	5	2001	4,520.0	211.6		4,731.6	1,611.8	-3.119.8
6	2002	413.0	257.4		670.4	3,052.1	2.381.7	6	2002	858.0	253.6		1,141.6	2,782.6	1,611.0
7	2003		257.4	i e e	257.4	4,169.9	3.912.5	1 1	2003		264.0		261.0	4,001.5	3,131.5
8	2004		257.4		257.4	4,965.4	4 708 0	8	2001		264.0		261.0	5,100.7	4,836.7
9	2005		257.4		257.4	5,386.0	5,128.6	9	2005		264.0		261.0	5,801.3	5,540.3
10	2006		257.4		257.4	5,572.9	5,315.5	10	2006		264.0		261.0	- 6,046.5	5,782.5
ш	2007		257.4		257.4	5,588.7	5.331.3	11	2007		264.0		2610	6,091.5	5,830.5
12	2008		257.4		257.4	5,588.7	5.331.3	12	2008		264.0		264.0	6,094.5	5,830.5
13	2009		257.4		257.4	5,588.7	5,331.3	13	2009		264.0		264.0	6,094.5	5,830.5
14	2010		257.4		257.4	5,588.7	5.331.3	14	2010		264.0		264.0	6,094.5	5,830.5
15	2011		257.4		257.4	5,588.7	5,331.3	15	2011		264.0		264.0	6,091.5	5,830.5
16	2012		257.4		257.4	5,568.7	5.331.3	16	2012		264.0		261.0	6,094.5	5,830.5
17	2013		257.4		257,4	5,588.7	5,331.3	1 17	2013		264.0		2610	6,094.5	5,830.5
18	2014	*	257.4		257.4	5,588.7	5,331.3	18	2014		264.0		264.0	6,094.5	5,830.5
19	2015		257.4		257.4	5,588.7	5,331.3	19	2015		264.0	*	264.0	6,094.5	5, 830.5
20	2016	•	257.4		257.4	5,588.7	5.331.3	20	2016		264.0	1	264.0	6,094.5	5,830.5
21	2017		257.4		257.4	5,588.7	5,331.3	21	2017		264,0		264.0	6,094,5	5,130.5
22	2018		257.4		257.4	5,588.7	5.331.3	22	2015		264.0		261.0	6,094.5	5,830.5
23	2019		257.4		257.4	5,588.7	5.331.3	23	2019		264.0		264.0	6,094.5	5,830.5
24	2020		257.4		257.4	5,588.7	53313	24	2020		264.0		264.0	6,094.5	5,830.5
25	2021		257.4		257.4	5,588.7	5,3313	25	2021		264,0	100	264.0	6,094.5	5,830.5
									100			<u> </u>		l	1
P	roject Area:	7,213	ha	LNPY	Cost	Beaclu	B_C		roject Area			NPY	C est	Benefit	B-C
P	rojeci Cost :		z 000 D	10% =	20,924	29,150	8,226		roject Cost		1,000 D.	(0% =	19,919	30 193	10,274
		3,571	D/ha	7.5% =	22,849	39,105	16,256	1	- 11	3,642	DAta .	7.5% =	22,019	40.833	18,814
	Sensitivi	y data:	·	5% =	25,154	53,752	28,599	ŧ	Sensitiv	ity data:		5% ±		56,350	32,011
	1		Cost Up		chi Down (%		1	1			Cost Up		nefit Down (%)		
	lum		(3)	10	0	20	B.C	្រ	læm	(4)	(9)	-10	0	20	BC
	Cost	T 0 1	-10	17.69	16.1%	12.8%	1 39		Cost	0	-10	19.2%	17.6%	14.1%	1.52
	Up	1	-5	16.79	15.3%	12.19	1.71		Up		5	18.2%	16.7%	13.39	1.85
	Benefit	0	1 0]	15.9%	11.5%	11.49	2.14		Bencfit	0	· 0	17,4%	15.9%	1267	2.30
	Down	11	\$	15.2%	13.8%	10.89			Down		5	16.6%	15,1%	119%	
	I	1 1	10	14.5%	13.1%	10.24					- 10	15.9%	14.4%	11.34	100
	EIRR	14.5%	20	13.34	11.9%	9.14	1.5 (2) 16	1	EIRR	15.9%	20	11.6%	132%	10.14	
								L.,		100			1.1	<u> </u>	L

Tableau 9.4.2 Taux de profit économique interne dû au coût économique du projet et aux bénéfices de l'irrigation (total)

	- All Pro	ject, 153 Oa	ses -			J)	Jnit: D., '000)
		Project	О/М			Irrigation	
No	Year	Cost	Cost		Total	Benefit	Balance
		(a)	(b)		(a+b=c)	(d)	(c - d)
1	1997	711.0	0.0		711.0	0.0	-711.0
2	1998	14,330.0	0.0		14,330.0	0.0	-14,330.0
3	1999	22,439.0	129.0		22,568.0	597.0	-21,971.0
4	2000	23,566.0	360.4		23,926.4	2,264.4	-21,662.0
5	2001	13,653.0	603.4		14,256.4	5,055.8	-9,200.6
5	2002	4,069.0	747.9		4,816.9	8,516.0	3,699.1
7	2003		798.1		798.1	12,208.2	11,410.1
8	2004		798.1	•	798.1	15,303.5	14,505.4
9	2005	•	798.1		798.1	17,328.4	16,530.3
10	2006		798.1		798.1	18,229.3	17,431.2
11	2007		798.1		798.1	18,461.4	17,663.3
12	2008		798.1		798.1	18,461.4	17,663.3
13	2009		798.1		798.1	18,461.4	17,663.3
14	2010		798.1		798.1	18,461.4	17,663.3
15	2011		798.1		798.1	18,461.4	17,663.1
16	2012		798.1		798.1	18,461.4	17,663.3
17	2013		798.1		798.1	18,461.4	17,663.3
18	2014		798.1		798.1	18,461.4	17,663.3
19	2015		798.1	4 7	798.1	18,461.4	17,663.3
20	2016		798.1		798.1	18,461.4	17,663.3
21	2017		798.1		798.1	18,461.4	17,663.3
22	2018		798.1		798.1	18,461.4	17,663.3
23	2019		798.1		798.1	18,461.4	17,663.3
24	2020		798.1		798.1	18,461.4	17,663.3
25	2021		798.1		798.1	18,461.4	17,663.3
P	roject Area	: 23,435 I	ha	NPV	Cost	Benefit	<u>B-C</u>
	roject Cost		,000 D.	10% =	and the second second	91,860	30,733
		3,361 1		7.5% =	67,346	124,106	56,760
	Sensitiv	4 7 7 7		5% =	74,816	171,730	96,91
	:		Cost Up	Ве	nefit Down (%)		
	Item	(%)	(%)	-10	0	20	<u>B/C</u>
	Cost	0	-10	18.9%	17.3%	13.9%	1.50
	Up		-5	18.0%	16.5%	13.1%	1.8
	Benefit	0	0	17.1%	15.7%	12.4%	2.3
	Down		5	16.4%	14.9%	11.8%	
			10	15.7%	14.2%	11.2%	
	EIRR	15.7%	20	14.4%	13.0%	10.0%	1

Tableau 9.4.3 Evaluation économique des 153 oasis (coût économique du projet, bénéfice de l'irrigation, taux de profit économique interne)

				<u> </u>											·
Code			Project	Irrigation		เกุลรดูงเ		Code	1. 18 1.		Project	Imigation		valuation	
No	Name of Oasis	Area	Cost	Benefit	EIRR	B/C	B C	No	Name of Qusis	Area	Cost	Benefit	EIRR	B/C	8 C
A.6. C		(fla)	(D. 000)	(D, 000)		(75%)	(754)	KANILO	overnorate	(5a)	(D. 000)	(O .600)		(7.54)	(75%)
CF · I	overnorate Kasba	698	1,268	420.5	21 24	2.58	1,762	4,111,111	Gueliada	103	260	91.6	22.6%	2.77	399
GF · 2	Sud Ovest	703	1,620	640.8	24.6%	3.04	2.672	K8 - 41	Kelwamen	47	225	50.8	15.4%	1.87	164
GF · 3	El Guettar	450	1,287	461.4	23.0%	2.81	1,931	KB - 42	Khbia	92	267	39.0	9.3%	1,16	39
GF - 4	Lalla	700	1,595	451.7	18.8%	2.22	1,571	KB - 43	Sidi Hamed	100	239	73.3	20.2%	2.44	309
GF · 3	El Ksu	578	1.133	381.2	21.5%	2.54	1,358	KB - 41	Atilet	220	872	169.6	13.1%	1.55	\$09
GF - 6	Oved Shiti	56	166	52.7	20.8%	2.48	205	KB - 45	Douz	280	778	1550	159%	1.84	527
GF - 7	Thelja	65	350	69.8	13.7%	1.61	171	KB - 46	El Choula	75	292	19.7	06%	0.53	- 414
GF · B		217	853	354.2	26 0%	3.23	1,515	KB - 47	El Colaa	65	274	19.8	1.3%	0.57	-98
	Sob-totai (8)	3,467	8,272	2,842.3	22.0%	2.66	11,232	KB-48	Grad Et H'say	90	712	47.0 42.1	0.3% 20.2%	2.38	-273 159
	Governorate Tozeur	929	2,885	645,4	14.9%	1.74	1,803	KB - 50	Noviel	97	271	85.3	20.6%	2.45	3.8
12 · 1		50	138	32.0	15.7%	1.88	117	KB - 51	Zaafrane	101	128	7,4	-1.6%	0.43	60
TZ - 3		62	197	33.2	11.43	137	71	KB - 52	Bouham24	80	290	58.1	13,4%	1.57	137
TZ - 4		72	205	39.2	13.0%	1.56	110	KB-53	Ksar Ghilane	100	450	75.7	10.9%	1.31	111
TZ - 5	Chemsa	90	261	37.5	934	1.17	43	KB-54	Sakkouma	80	454	31.0	0.1%	0.54	-172
TZ- 6	Helba Est	75	362	72.6	13.8%	1.65	224	KB - 55	Tarlaya	77	300	13.9	30%	0.36	-157
TZ - 7	Helba Ovest	50	114	15.9	15.4%	1.83	92	K8 - 56	Dhomrana	45	193	30.3	10.1%	1.23	37
TZ · 8	Jhim I	40	156	55.8	23.2%	2.93	289	KB - 57	Smids	64	206	40.7	13.2%	1.55	94
72 - 9	Jhim 2	167	667	121.3 54.3	12.3%	0.28	-1,058	KB - 58 KB - 59	Gèidma Sabria	80 60	169 317	55.7 91.1	21.3% 19.0%	2.21	294
TZ - 10 TZ - 11	iba Chabbat 3 Nefta	325 852	1,590 2,162	803.9	23.4%	2.85	3,244	K8-60	El Facuar I	37	309	75.4	16.2%	1.87	301
12.12	Ghardgaya	40	163	33.3	13.9%	1.64	93	K8-61	El Facuar 2	80	275	45.0	10.4%	1.25	53
TZ - 13	Ibn Chabbat I	240	700	65.8	4.5%	0.77	137	K8-62	Bechni	100	299	68.5	15.2%	1.75	173
TZ - 14	for Chabbet 2	272	1,211	73.2	4.5% *	0.78	-141	K8 - 63	Dergine	72	368	8.9	XXX *	0.19	-229
TZ - 15	Draa Sud	198	. 93	12.3	6.5% *	0.92	.7	KB • 64	Matrouha .	100	401	93.7	15.5%	1.77	2.29
TZ- 16		72	389	66,4	115%	1.38	130	KB-65	Regim Mantoug I	104	442	62.9	8.5%	1.08	26
T2 · 17		48	159	61.8	20.6%	2.50	265	K8 - 66		96	294	46,4	9.5%	1.21	- 17
TZ - 18		238	928	284.6	20.2₹	2.41	1,086	K8 - 67		52	190	39.0	13.6%	1.51	84
TZ - 19 TZ - 20		78	357	37.1	10.7%	1.30	96 61	6.16	Sub-total (67)	7,213	15,761	5,588.7	14.5%	1.71	16,156
12 · 21		48 55	192 300	33.8 56.8	117%	1.38	172	G3 - I		140	283	82.7	19.2%	2.31	352
TZ - 22		104	438	85.8	13.0%	1.52	183	G8 - 2		40	104	16.7	10.7%	1.30	31
1Z · 23		822	2,718	662.9	16 2%	1.89	3,935	G8 · 3		20	113	15.8	9.9%	1.23	25
TZ · 24		90	227	55.4	16.3%	1.90	171	G8 - 4	Zrig Dakhiania	30	122	18,4	100%	1.24	28
12 - 25		400	1,119	376.7	216%	2.56	1,357	G8 - 5	Teboulbou	520	2,152	511.3	16.0%	1.88	1,611
TZ · 26		80	488	51.5	5.4%	0.83	-66	G8 - 6	Oasis de Gabes	734	1,886	634.0	21.4%	2.60	2,552
12 - 27		23	91	6.7	15% •	0.58	-32	<u>C8 - 1</u>	Limaoua 1 et 2	148	628	141.6	15.49	1.85	509
1Z · 28		48	212	13.0	-03%	0.48	-90	G8 - 5	M'due	40	204	36.5	12 2%	1.47	92 20
TZ - 29 TZ - 30		29	79 117	8.5 8.6	3.5% *	0.84	-10 -40	G8 - 9 G8 - 10	Chott El Ferik Bouchamma	31 143	52 246	15.5 83.0	19.5% 21.6%	2.35	388
12.30	Sub-total (30)	5,622	18,759	3,935.9	13.9%	1.64	10,200	G8 - 11	Mahjoub	374	1,270	390.6	20.2%	2.00	1.569
Kebili (Covernorate		13,137	5,753.5				GB - 12	Salem	99	379	85.3	15.3%	1.80	272
KB · I	Bechri	162	297	142.4	12.1%	1.45	334	G8 - 13	Stoui	12	332	83.1	16.7%	1.98	294
K8 - 2		270	1,027	234.0	15.5%	1.85	804	GB-14	Faycai	260	982	212.5	14.6%	1.71	604
K8 - 3		205	628	91,4	984	1.21	124	GB-13	M' ziria Ghannouch	280	1,365	254.1	12.5%	1.48	\$64
K8 - 4		. 94	442	90.1	14.0%	1.67	285	GB - 16	Melouia	268	794	238.9	19.8%	2.37	. 943
KB - 5		140	786	201.7	17.5%	2.11 2.21	834 520	GB - 17	Ouedhref Anninette	263	1,033	431.8 [45,7	26.2% 13.0%	3.32	2,058 347
KB · 6		181	461 837	195.9	18,4% 16.0%	1.91	698	GB - 18 GB - 19	Chenchou I	57	243	46.8	13.0%	1.54 1.55	113
K8 - 8		176	567	189.8	21.8%	2.70	896	GB - 20	Chenchou 2	40	190	31.8	11.24	135	59
KB - 9		62	231	83.1	23 3%	291	431	GB - 21	Tekeuri	32	189	45.4	16.3%	1.91	157
	Tenchie	54	219	62.3	19.1%	2.33	280	GB - 22	Hamma Oasis	430	1.383	488.2	22.6%	2.73	1,970
	Zacuiet El Anes	125	278	93.0	21.7%	2.67	437		Mziraa Hamma	. 80	345	89.3	17.5%	2.08	331
	Zaoviet El Harch	8 L	329	178.9	25.0%	3.21	697		Bechina I	260	1,020	137.6	8.3%	1.07	59
	Ziret Louhichi	86	289	56.5	13.4%	1.60	166		Bechima 2	290	1,189	291.1	16.5%	1.91	964
	Choochet Nagga	26	88	131.8	14.4%	3.44	701	GB - 26 GB - 27		96 160	192 225	63.8	15.0%	2.15	233
	Guataya Jedida	150	305 731	131.8	26 6% 12 9%	1.53	360		Glib Dokhane	70	166	24.7	9.5%	10	26
	Mansoura	86	494	127.9	17.6%	2.13	533		Oued Nekhia	30	65	16.9	17.3%	201	62
KB - 18		162	682	149.6	15.0%	1.78	492	G8 - 30		163	. B66	126.5	9,1%	1.17	96
	Telmine	240	1,097	249.8	13.5%	1.85	861		Marcib 1	100	453	77.3	11.1%	1.33	118
	Tembib	318	349	62.8	12.1%	1.45	145	G8 - 32	March 2	180	869	190.3	14.4%	1.67	450
	Tombai	327	591	156.6	123%	1.47	255		Mareth 3	30	133	18.4	8.5%	109	10
	Limagues	57	198	413	14.3%	1.70	134		Mareth 5	115	824	172.7	14.1%	16	418
	Mazraa Neji	66	318	63.2	12.4%	1.49	164		March 6	88	299	82 2	18.3%	2.15	286
	Com Et Farth Let 2	55	79	28.2	228%	284	143	GB - 36		174	850	128.7	9.5%	1.18	121
	Stiftimi Saidane	30	154 89	27.2	118% 16.3%	1.42	- 63 82		Zerkine 1 et 3 Zerkine 2	116	630	45.4 88.6	12.8% 8.6%	1.49	99
	Barghouthia	52	129	21.3 47.4	23.6%	2.98	247		Ayoung Zerking	30	90	17.6	13.0%	1.52	39
	Вагліа	146	473	82.6	116%	138	156		Madssia	58	221	9.3	KAX	033	-122
	B'chetti	135	512	101.4	13.3%	1.57	252		Keitana I	98	429	97.9	15.7%	1.83	289
K8 - 30	Blidette	75	202	76.7	24.2%	3.02	367	GB - 42	Keltana 3	140	583	95.1	10.5%	1.27	124
K8 - 33	Zarcine	70	184	79.4	26.8%	3.43	402		Keitana 4	125	432	96.5	13.3%	156	214
KB - 32	Jemaz	112	116	27.0	151%	1.75	79		Sidi Sellani	120	339	95.0	185%	2.13	315
	Miouria	81	158	53.9	22.0%	2 69	242		Zrig Barrania	73	218	29.1	8.0%	1.01	
KB - 33	Msaid	95	316 299	112.2 55.5	23.0%	2.84	520		Ghandri	30	119	4.5	REX.	0.30	-63
K8 - 33 K8 - 34	0.3-				12.5%	1.49	130	00.47	Laaradh I	35	liss	19.7	5.2%	0.82	-25
KB - 33 KB - 34 KB - 35	Rahmat Ret Fl Ain	268			1114	1 40	3//4		Lasta N. 1		934	16.7	3.77	1 44	
K8 - 33 K8 - 34 K8 - 35 K8 - 36	Res El Ain	268	92 i	164.5	11.8%	1.40	305		Lagradh 3 Sub-total (48)	7,133	235 25.976	6.094.5	244	0.64	18.814
K8 - 34 K8 - 34 K8 - 35 K8 - 36 K8 - 37	Res El Ain Souk El Baica				163%	1.40 1.93 2.62	305 160 662		Lacrath 3 Sub-total (48)	7,133	135 15,976	6,094.\$	24% * 15.9%	0.64 1.85	18.814
KB - 33 KB - 34 KB - 35 KB - 36 KB - 37 KB - 38	Res El Ain	268 65	921 193	164.5 46.6		193	160								18.81

Tableau 9.5.1 Frais de production agricole et profit net sur la base du prix financier

							(Unit : D)/ha)
	0	iross Inco	ome			tion Cost		
A see on the	20070763	Unit		Farm	Labor	englight in	1 1 1	Net
Description	Yield*		Amount	Inputs	Cost	Others	Total	Return
Programme to the second second	(ton)	(D./kg)	(a)				(b)	(a - b)
1. Arboriculture	,	1.005	1.000	áca	100	07	602	4.020
1.1 Date Palm Without Pro		1.025	4,662 5,305	357 475	199 278	27 37	583 790	4,079 4,515
With Project Increment	0.63		5,303 643	473	210	. 31	207	4,313
and the standard filled the desired control of the standard for the standa)		010		10	aministration in the same is an a	
1.2 Olive Without Pro		0.400	1,914 2,133	217 296	158 174	19 24	394 494	1,520 1,639
Increment	0.55		2,133	290	174	. 24	100	1,039
polarización de la companiente del la companiente de la companiente del la companiente del la companiente de la companiente del la companiente d			**********					
1.3 Pomegranate Without Pro		0.287	2,273	348	265	31	644	1,629
With Projec	,		2,655	412	292	36	740	1,915
Increment	1.35		382				<u>96</u>	286
1.4 Apricot Without Pro	- L	0.493	4,869	363	371	37	771	4,098
With Projec			5,411	429	420	43	892	4,519
Increment	1.10		<u>542</u>		****************	· .	<u>121</u>	421
1.5 Fig Without Pro		0.385	1,296	249	265	39	553	743
With Project			1,450	349	292	51	692	758
Increment	0.40		154				139	15
2. Vegetables				1 41				
2.1 Turnip*/Carrot Without Pro	iect 20.00	0.201	4,020	374	348	36	758	3,262
With Project	~		4,523	419	406	41	866	3,657
Increment	2.50	N: 4	<u>503</u>				108	<u>395</u>
2.2 Onion Without Pro	ject 21.00	0.186	3,906	437	348	39	824	3,082
With Project			4,427	482	348	41	871	3,556
Increment	<u>2.80</u>		<u>521</u>				<u>47</u>	<u>474</u>
2.4 Kindey Beans Without Pro	ject 10.40	0.370	3,848	263	348	31	642	3,206
With Project	• .		4,329	374			880	3,449
Increment	1.30		481				238	243
2.5 Pepper Without Pro	ject 9.20	0.874	8,041	1,047	348	70	1,465	6,576
With Project			9,002	1,086	406	34	1,526	7,476
Increment	<u> 1.10</u>		<u>961</u>	with the			61	200
2.6 Tomato Without Pro	iect 20.90	0.310	6,479	628	348	49	1,025	5,454
With Projec		•	7,254	673	406	54	1,133	6,121
Increment	2.50		7,254 775				108	667
2 2 2					·			
3. Fodder Crops 3.1 Lucern Without Pro	ject 54.40	0.053	2,883	250	348	30	628	2,255
With Project		0.055	2,063 3,461	345	406	38	789	2,233 2,672
Increment	10.90		578		700	50	161	417
rations.								
4. Cash Crops				٠				• •
4.1 Henna Without Pro		1.839	2,575	387	261	32	680	1,895
With Projec		:	3,126	482	348	41	871	2,255
Increment	0.30	- 4. 2°	552	1.1	s	. je sa si	<u>191</u>	<u>361</u>

Remark: Figures of arboriculture crops are estimated average yield and annual cost of 25 years.

Ref.: Tables K.3.1.1 (1)to (8)

Tableau 9.5.2 Bilan économique des fermes "avec le projet"

	<u> </u>			<u> </u>					
	Kasba Ossis / C	afsa	Oved Shill Oasis /	Çufsa.	Tozeur Ossis / T			a 3 Oasis/	
Description	Area Production	Amount	Area Production	Aroount	Area Production	Amount	Area	Production	
	(Ma) (Ma)	(D.)	(ta) (tons)	(D.)	(p1) (1002)	(0.)	(ba)	(tons)	(D)
A. Farm Land	1.05		3.11	. 1:	138		1.02		
B. Farm income	1.71	8.923	2.33	15.281	1.65	10413	1.03		فلدد
Arbonoulaure	1.06 10.63	5,019	1.78 14.24	14,596	1.38 9.15	9,230	1.00	5.33	5,241
Fooder crops	0.25 16.38	868	0.39 19.38	1,027	0.10 8.61	456	0.02	1.74	92
Winter vegetables	0.23 6.05	1,360	0.16 241	658	0.09 1.30	265	0.02	0.31	60
Summer vegetables	0.17 3.51	1,676			0.08 0.86	478	0.02	0.24	117
Industrial crops						1			
D. Off-farm incomes					1.0	1.54	:		500
Total Gross Encome		8,923		16,281		10,419			6,0)0
E. Production Cost	1.71	1.238	2.33	1.851	1.62	1.331	1.06		#15
Adodatione	1.06	611	1.78	1,406	i.38	1,061	1.00		784
Fooder crops	0.25	197	0.39	307	0.10	79	6.03		16
Winter regardies	0.23	196	0.16	140	0.09	79	0.02		1.1
Summer vegetables	0.17	234	ŧ	-	0.08	112	0.02		27
industrial crops									. A
F. Living Expenses	5.33 personalismily	3,019	5.47 personatamila	3.140	3.21 persons/famil	2.024	5.33	Sc Leon Agency	and the second second
Total Goess Outgoing		4,297		1,593		4375			4,615
G. Net Reserve (Capacity to Pay)		4.625		11.288		६०स			1.395
H. Repsyment Amount		(4.8%)		(9.5%)		(8.2%)			(324%)
- Construction Cost	1,817 D. per ba	1 1	2,964 D. per ba		3,107 D. per ba		3,899	D. per ba	
· Repayment per year		223	·	1,068		497			452
Balance (G - H)		1.401		10.220		5.542			343

	Mansoura Oasis / Kebili	Atilet Dasis / Kehill	Oasis de Gabes / Gabes	Limaoura 1 et 2 Oasis / Gabes
Description	Area Production Amount	Arca Production Amount	Area Production Amount	Area Production Amount
	(ps) (som) (D.)	(ba) (tons) (D.)	(ha) (lons) (D.)	(ba) (tons) (D.)
A. Farm Land	0.21	9.75	0.33	1.25
B. Farm Income	0.42 2.013	1.39 5.326	9.44 2.259	ारा इस्स
Artoncultura	0.25 1.55 1,540	0.75 3.35 3,286	0.29 2.50 1,647	1.25 11.36 3,831
Fooder crops	0.11 6.01 318	0.22 12.14 644	0.05 3.11 165	0.19 12.69 673
Winter regetables	0.02 3.86 61	0.38 8.53 1,136	0.01 0.31 63	0.28 8.83 1,777
Summer vegetables	0.02 0.99 124	0.61 0.42 260	0.01 0.14 125	0.20 3.26 2.154
Industrial crops			0.08 0.14 250	0.05 0.09 156
D. Off-farm Incomes	2.500	1.000	2.000	
Total Gross Income	4,543	6,326	1,250	8.591
E. Production Cost	0.40 326	1.39 1.151	0.44 3.56	1.591
Arbonoulture	0.25	0.75 589	0.29 224	1.25 872
Fooder crops	0.11 87	0.22 173	0.05 37	0.19 150
Winter vegetables	0.02	0.38 331	0.0) 9	0.28 244
Summer regetables	0.02	0.04 58	0.01 16	0.20 281
Industrial crops			0.08	0.05 44
F. Living Expenses	5.33 persons/family 3.244	6.17 presons/family 3.543	141 reasons/family 2.141	5.48 personalismit 3.145
Yotal Gross Outgoing	3,570	4,693	3,501	4,7%
G. Not Reserve (Capacity to Pay)	97)	1633	759	3.855
H. Repayment Amount	(17.1%)	(21.19.)	(11.5%)	(15.9%)
- Construction Cost	5,744 D. per ba	3,961 D. perba	2,569 D. per ba	4,243 D. per ba
- Repayment per year	166	341	85	614
Balance (G-H)	107	1.289	663	2211

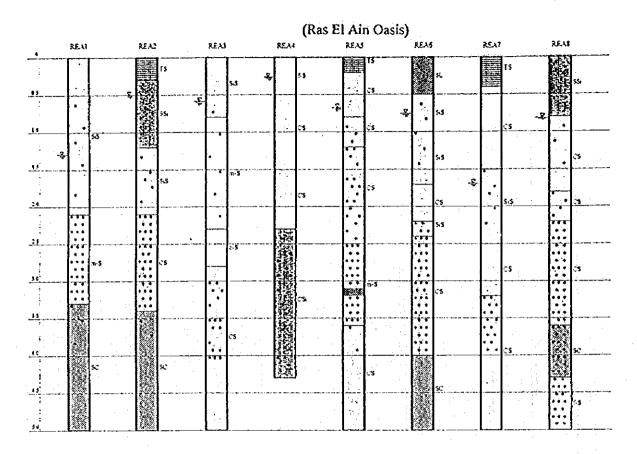
Remarks: Repayment condition for construction cost; annual interest 10% and 20 years of repayment Ref.: ANNEX-K, Table K.3.1.1, K.3.1.2 and K.3.1.3

Figure 3.1.3.1 Stratification standard

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			ż	Blafsancieu	Parto Farina	Sables d'Hammamet Argites de Sidi Barka
			Placene	Tobladica	Raf Raf	Sables de Nobell
	F		-	Poisin		Argiles des Posiess 0. et Bir
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	7		Oligocene	Chatties	Argites de Zoura	
	8		97	Straples		
	`	۳		Philippin		
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Figure 3.1.3.2 Résultat du creusement par tarière manuelle



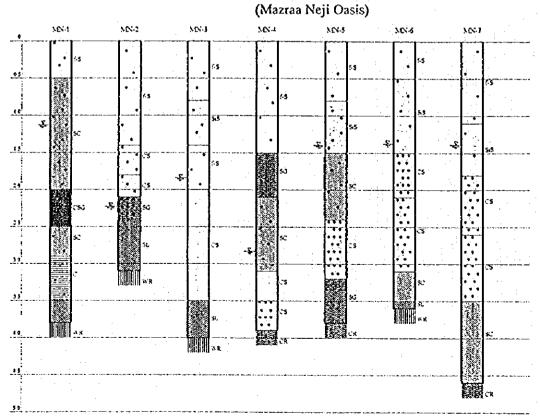
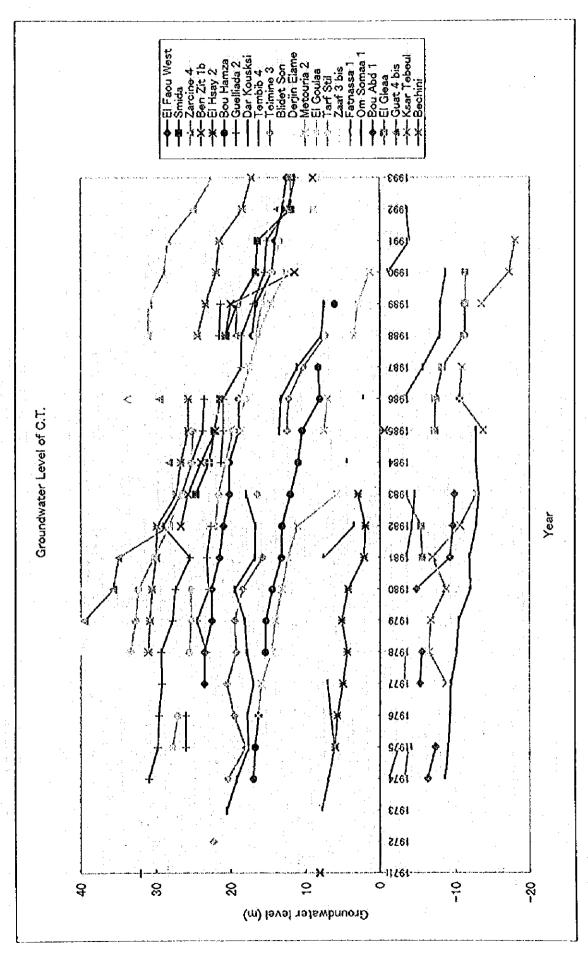


Figure 3.1.4.1 Variation séculaire de la surface piézométrique des forages sur le C.T.



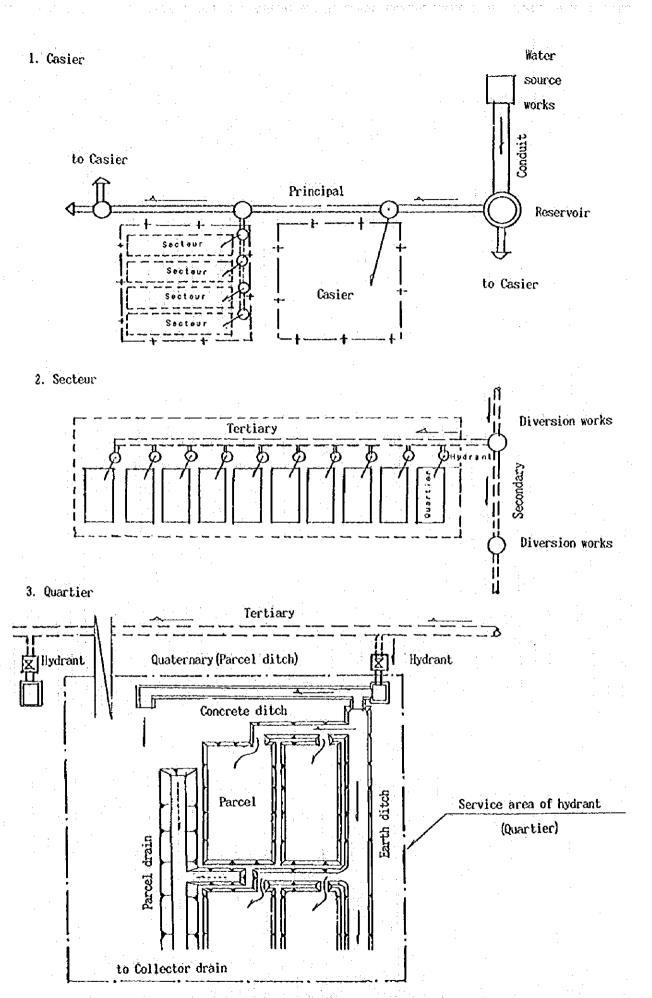


Figure 3.4.4 Modèle et vocabulaire des installations hydrauliques

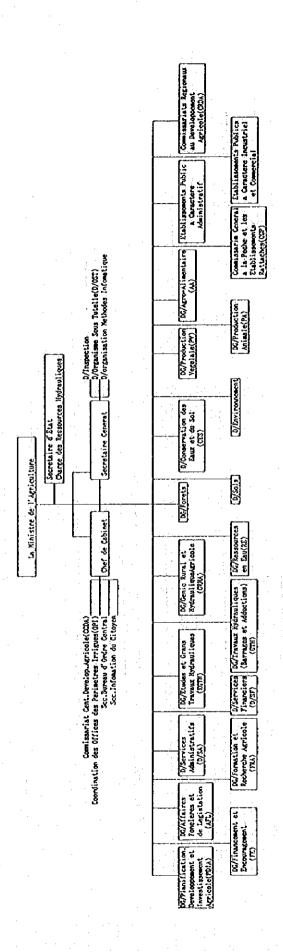
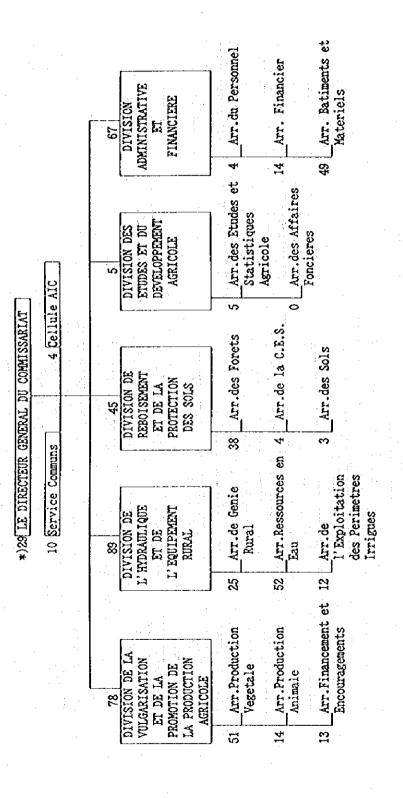


Figure 3.5.1.1 Organigramme du Ministère de l'Agriculture

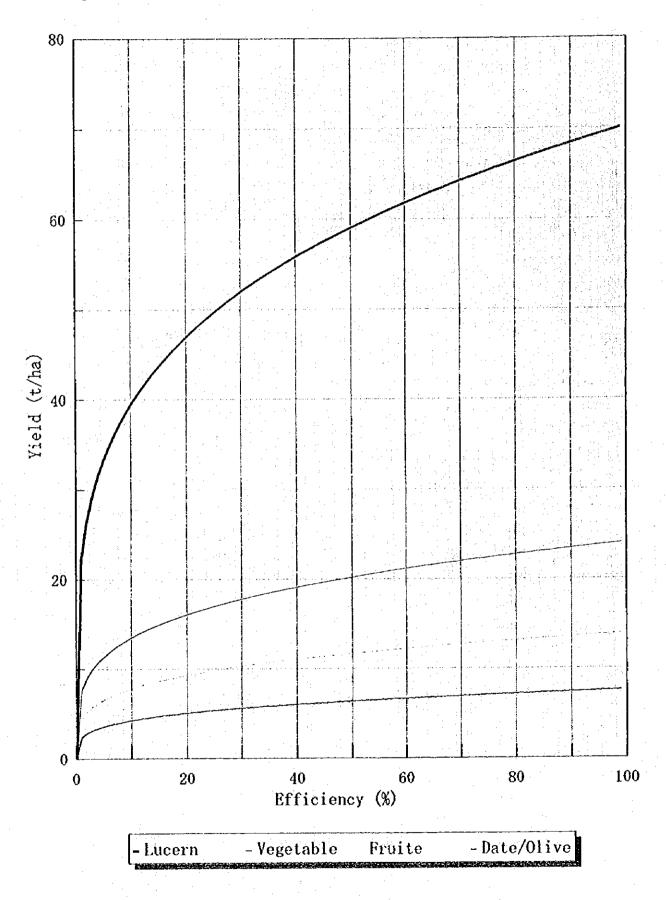


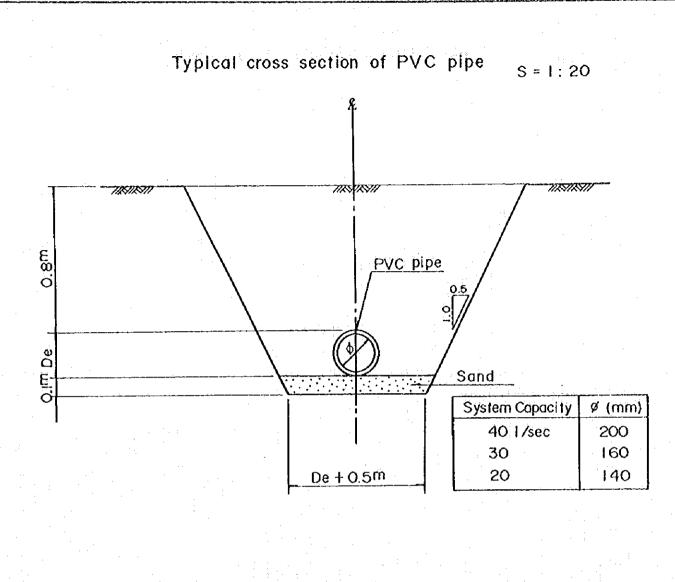
*) Number of Staff

Decret n'89 - 834 du 29 Juin 1989 CRDA : Commissariat Regional au Developpement Agricole

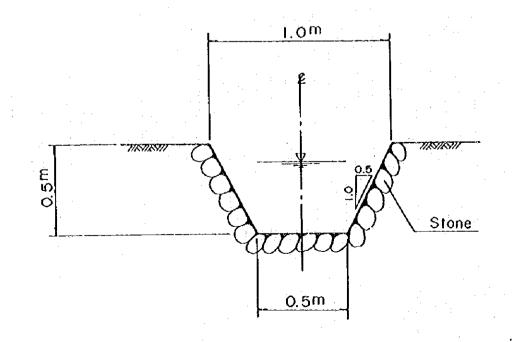
Organigramme des CRDA Figure 3.5.1.2

Figure 5.1.1 Relation entre la production et le taux d'irrigation

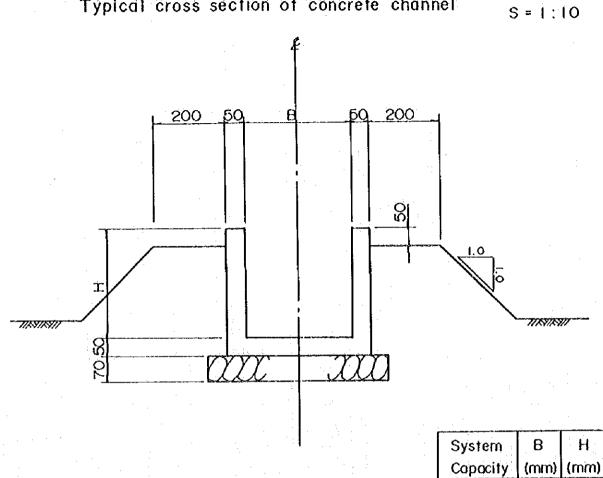




Typical cross section of amenity canal S = 1:20



Typical cross section of concrete channel



Cianna	60	1	Dlan	standard	de canal
Figure	O.Z.	1 -	Flan	2fandara	do ounu

(mm) (mm)

200 200

300

250

250

250

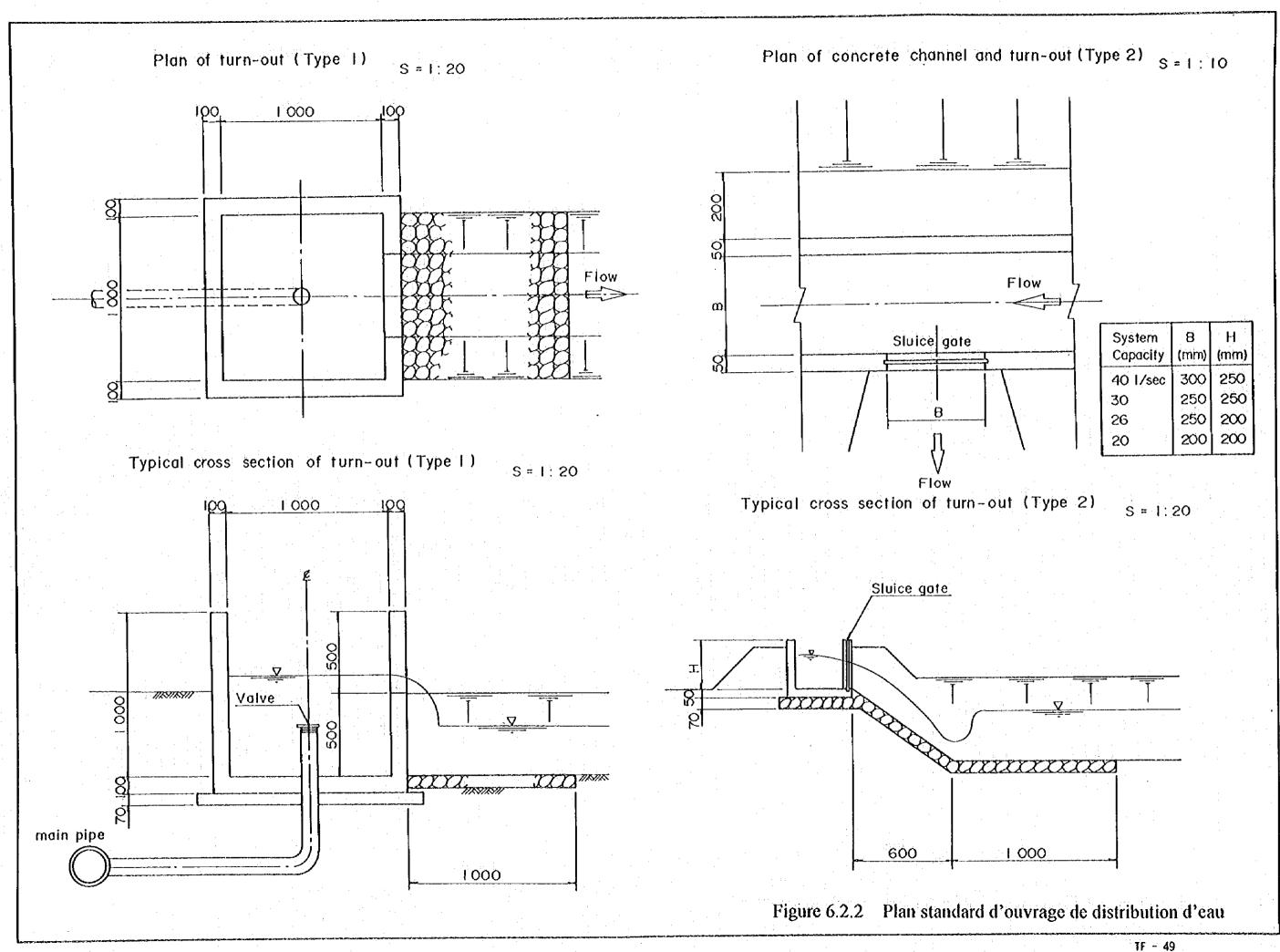
250

200

40 I/sec

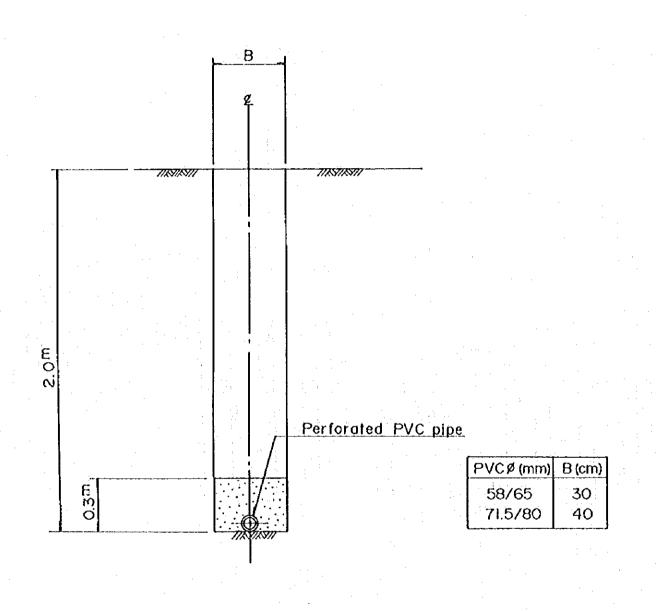
30

26



Typical cross section of field drain S = 1.20

Typical cross section of collector drain S = 1:30



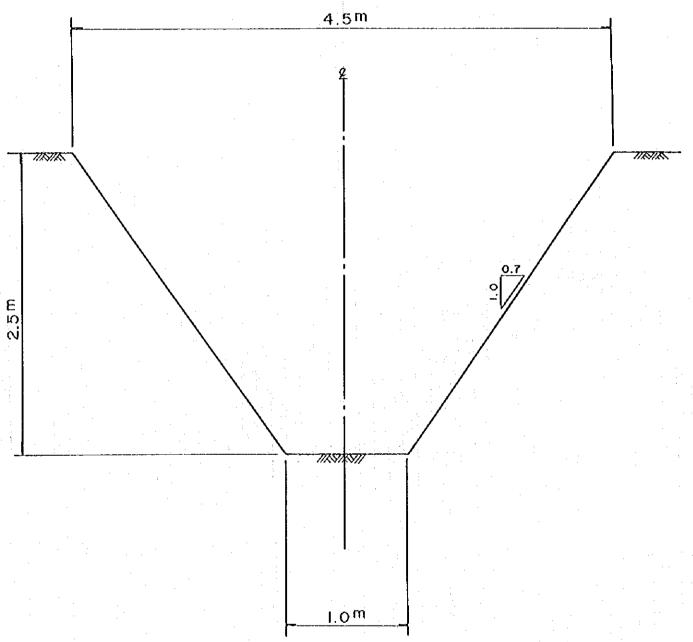
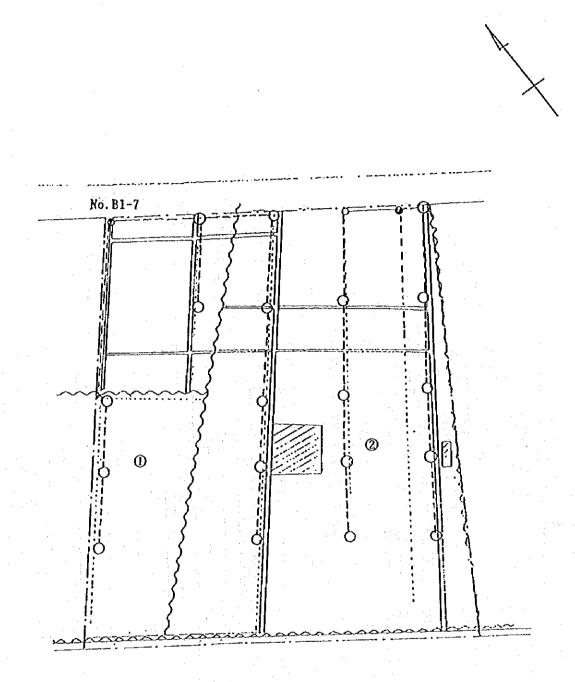


Figure 6.2.3 Plan standard de canal de drainage

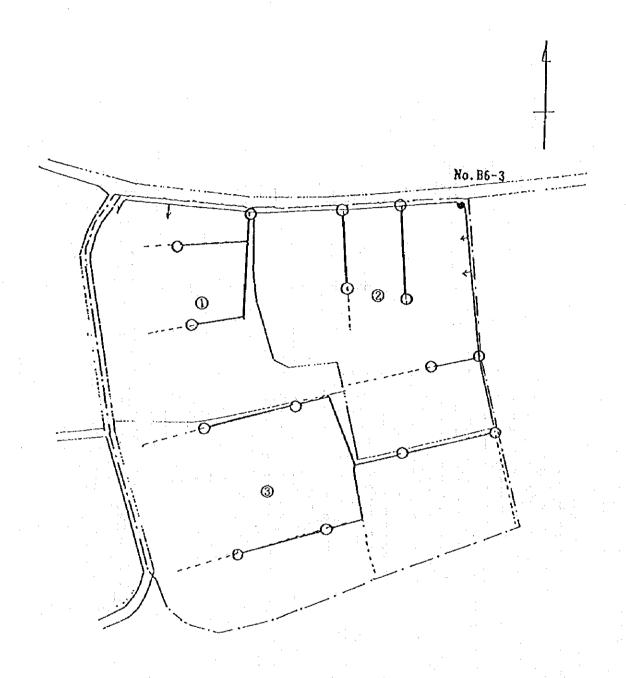
Figure 6.2.4 Plan horizontal du projet des installations terminales (Oued Shili)



LEGEND		
•	Hydrand	
0	Tum-out	
	Concrete Canal	
	Pipe Line	
	Earth Canal	
	Drainage Canal	

4.620 ha
0.150 ha
0.190 ha
0,340 ha
0.090 ha
3.850 ha
0.830

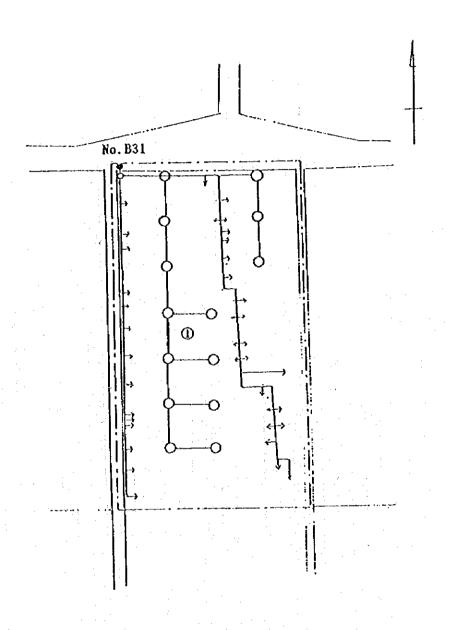
Figure 6.2.5 Plan horizontal du projet des installations terminales (Kasuba)



LEGEND		
•	Hydrand	
0	Turn-out	
	Concrete Canal	
•	Pipe Line	
	Earth Canal	
	Drainage Canal	

Gross area	4.400 ha
Imig canal	0.140 ha
Drain canal	0.000 ha
Road	0.020 ha
Others	0.000 ha
Net area	4.240 ha
Ratio	0.960

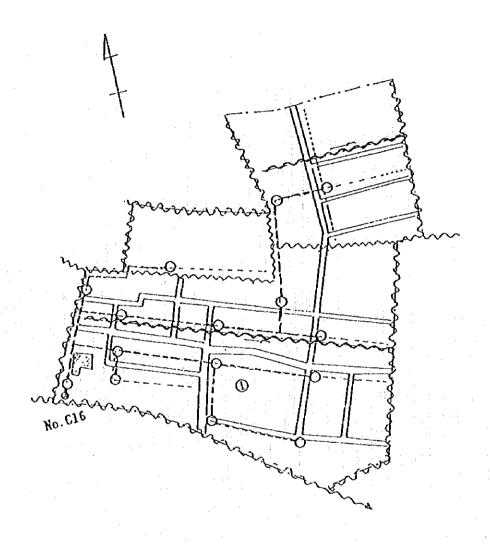
Figure 6.2.6 Plan horizontal du projet des installations terminales (Draa Sud)



LEGEND			
•	Hydrand		
0	Turn-out		
	Concrete Canal		
	Pipe Line		
	Earth Canal		
	Drainage Canal		

Gross area	2.000 ha
Imig canal	0.050 ha
Drain canal	0,000 ha
Road	0,120 ha
Others	0.000 ha
Net area	1.830 ha
Ratio	0.920

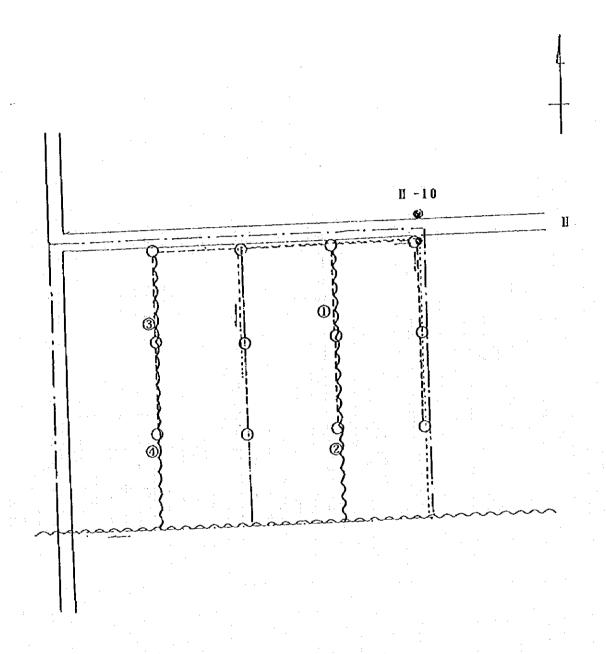
Figure 6.2.7 Plan horizontal du projet des installations terminales (Tozeur)



LEGEND		
0	Hydrand	
0	Tum-out	
	Concrete Canal	
	Pipe Line	
	Earth Canal	
	Drainage Canal	

Gross area	2.760 ha
Irrig canal	0.110 ha
Drain canal	0.070 ha
Road	0.140 ha
Others	0.010 ha
Net area	2.430 ha
Ratio	0.880

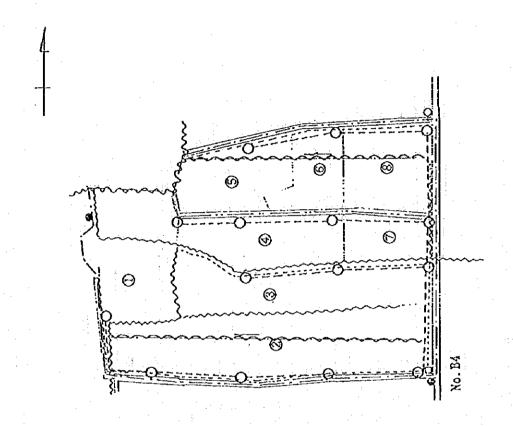
Figure 6.2.8 Plan horizontal du projet des installations terminales (Atilet)



LEGEND		
•	Hydrand	
0	Turn-out	
	Concrete Canal	
	Pipe Line	
	Earth Canal	
	Drainage Canal	

Gross area	3.250 ha
Inig canal	0.050 ha
Drain canal	0.050 ha
Road	0.210 ha
Others	0.000 ha
Nel area	2.940 ha
Ratio	0.900

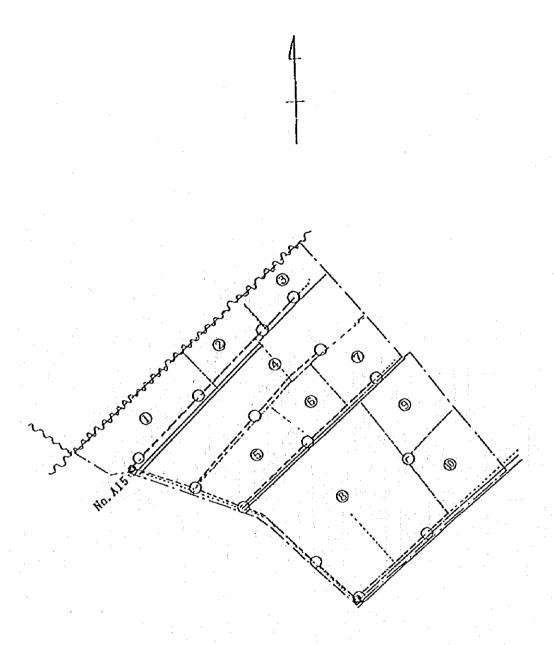
Figure 6.2.9 Plan horizontal du projet des installations terminales (Mansoura)



LI	GEND
•	Hydrand
0	Turn-out
	Concrete Canal
	Pipe Line
	Earth Canal
	Drainage Canal

Gross area	2.390 ha
Imig canal	0.080 ha
Drain canal	0.090 ha
Road	0.120 ha
Others	0.000 ha
Net area	2.100 ha
Ratio	0.880

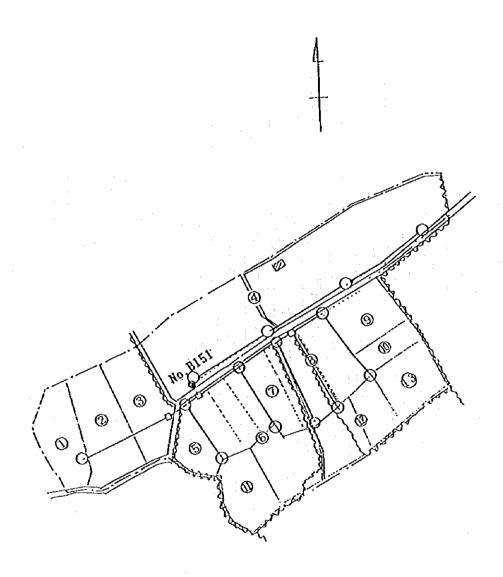
Figure 6.2.10 Plan horizontal du projet des installations terminales (Limaoua)



LI	EGEND
•	Hydrand
0	Turn-out
	Concrete Canal
	Pipe Line
	Earth Canal
	Drainage Canal

Gross area	2.180 ha
Irrig canal	0.120 ha
Drain canal	0.020 ha
Road	0.050 ha
Others	0.000 ha
Net area	1,990 ha
Ratio	0.910

Figure 6.2.11 Plan horizontal du projet des installations terminales (Gabes)



L	EGEND
•	Hydrand
0	Turn-out
	Concrete Canal
	Pipe Line
	Earth Canal
·····	Drainage Canal

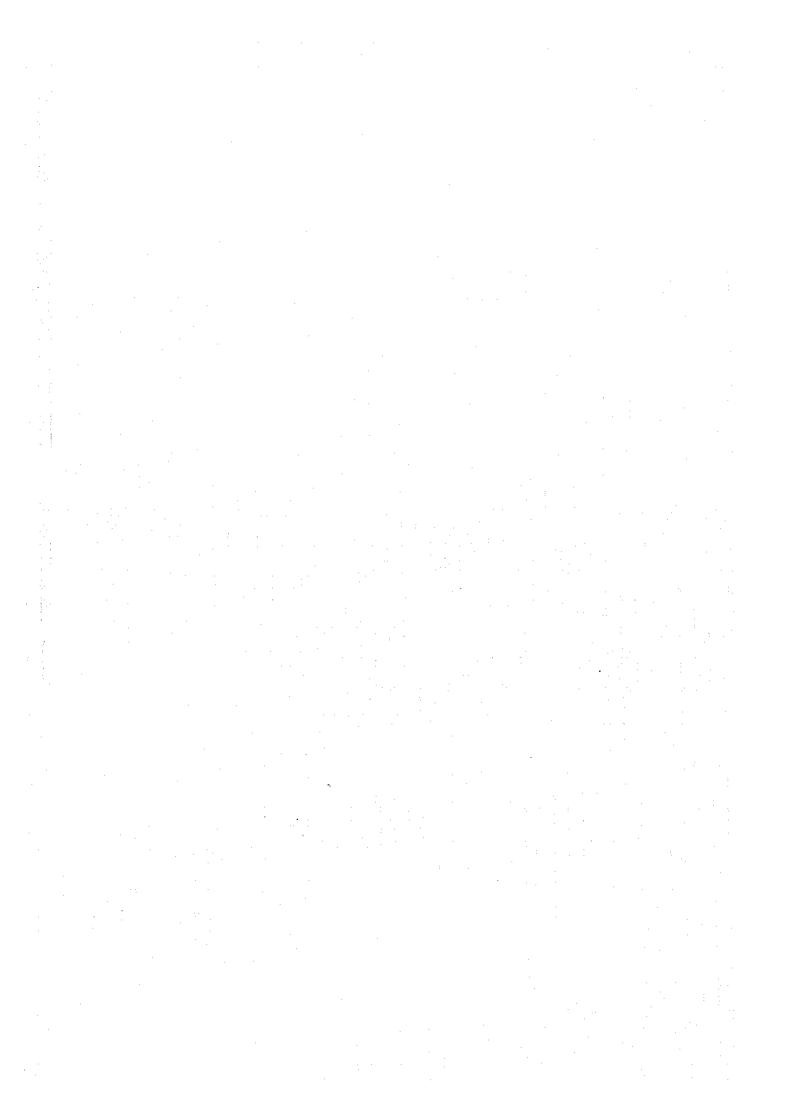
2.260 ha
0.080 ha
0.090 ha
0.160 ha
0.000 ha
1.930 ha
0.850

ATTACHMENTS

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				tang di Kulang. Kabangan

Attachments

Attachment - 1	List of Participants
Attachment - 2	List of Data and Information Collected
Attachment - 3	Assignment Schedule of the Study Team
Attachment - 4	Soil and Water Quality Test
Attachment - 5	Minutes of Meeting on Preliminary Study
Attachment - 6	Scope of Work
Attachment - 7	Minutes of Meeting on Scope of Work
Attachment - 8	Minutes of Meeting on Inception Report
Attachment - 9	Minutes of Meeting on Implementing Report for Phase 2
Attachment - 10	Minutes of Meeting on Progress Report(2)
Attachment 11	Minutes of Mastine on Draft Final Parant



Attachment - 1

List of Participants

LIST OF PARTICIPANTS

Ministry of Agriculture

M. HAMADANE Abdelkader

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Mme. BOUTITI Raqya

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I. A Arrondissement des Périmètres Irrigués

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CRDA de Tozeur

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Chef Arrondissement de Périmètres

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et du Sol

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Etudes Statistiques

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Ingénieur Chef de Service de Ressources en eau

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M. TOUMIA Mohamed Lamine

M. FTIRICH Amar Kilani

M. FEKI Mohamed

M. OUNIS Mohamed

M, LIMAM Lazhari

M. OMRANI Abdallah

M. ZOUARI Ridha

M. SAIED Adel

Directeur Général

Chef d'Arrondissement des Etudes et Statistiques

Ingénieur Principal Agro-économiste

Ingénieur à l'Arrondissement des Périmètres

Irrigues

Chef d'Arrondissement du Génie Rural

Chef d'Arrondissement des Périmètres Irrigués

Chef d'Arrondissement de la Production Agricole

Chef d'Arrondissement des Sols

Attachment - 2

List of Data and Information Collected

	•	Domaine	Code	Nom du document
	A)	Informations		Carte de la Tunisie (S=1:500.000)
		générales	2	Sciences naturelles
		/cartes	3	Assemblage des cartes (1/100.000 et 1/200.000
. :	:	/statistiques	4	Surface, population et population active par emploi de chaque gouvernorat. 1989
	B)	Mesures	1	The VIIth Plan in brief 1992-1998, 1992
	¥ •	gouvernementales / Economie	2	VIIe Plan de développement économique et social 1992 - 199 Développement agricole et sécurité alimentaire
		· Bootionico	3	Associations d'intérêt collectif
	:		4	La stratégie nationale pour la création et le suivi des Associations d'intérêt collectif d'eau potable, DGR, MDA, 1992
		·	5	Investment Coordination Committee (ICC) Guidelines and
			: : : : : : : : : : : : : : : : : : : :	Procedures
			6	ICC Projet Evaluation Procedures and Guidelines
			· /	ICC Technical Board Mini-workshop on Methodology for Project Review
	CV	Mátágrafagia et		Carte des étages bioclimatiques
	C)	Météorologie et hydrologie	2	Pluviométrie (carte hypsométrique des précipitations annuelle
		/sol		moyennes)
•			3	Températures moyennes annuelles Période (1901 - 1995),
				I.N.M. (carte hypsométrique des températures annuelles
		· · · · · · · · · · · · · · · · · · ·		moyennes)
			4	Températures moyennes du mois le plus chaud, I.N.M. (cart
11.			بر	hypsometrique des températures mensuelles maximales)
			3	Températures moyennes du mois le plus froid, I.N.M. (carte
			6	hypsométrique des températures mensuelles minimales) Pluies moyennes annuelles en mm, Période (1901 - 1990 (ca
			U	hypsométrique des précipitations annuelles moyennes)
			. 7	Institut national de la météorologie, 1994 (inclut des données
*1	÷		4	climatiques générales mensuelles de points représentatifs du
· · · · · · · · · · · · · · · · · · ·		•	. 8	Pays) Données d'observation des températures mensuelles moyenn
			J	(gouvernorats de Kébili Tozeur, Gabès, et Gassa), période 1970 - 89
		•	9	Particularités climatiques de Gabès
•			10	Carte pédologique de la Tunisie, S = 1:100.000, Division de sols, 1971
*	D)	Economie	1	Cout à la production d'un hectare
	U)	agricole	2	Frais annuels d'entretient d'un EA, arboriculture en irrigué
			3	Production, prix et distribution des dattes
			4	Résultats de l'enquête suivi de la Campagne agricole (1992-9 Annuaire des statistiques agricoles, 1992
	E)	Organisation	1	Organigramme du Ministère de l'Agriculture, 1988 Organigramme du Ministère de l'Agriculture
				Organigramme de la DGGR
			4	Organigramme du Ministère de la protection de l'environnem
			•	et du territoire
		1.0	5	Ministère de l'Agriculture, Journal officiel de la République
				Tunisienne, 1990
			- 6	Etat du personnel de la Division hydraulique, CRDA
	F)	Rapport d'étude	2	Ressources en eaux du Sahara septentrional, 1992 Abrégé du Plan Directeur des Eaux du Sud (P.D.E.S)
				A2 - 1

			3	Plan Directeur des eaux du sud, volumes I et II, 1983
			ă	Enquête sur les oasis, 1992
			5	Etude comparative entre l'irrigation traditionnelle & la Cuvette
			- :	et le système aux sources multiples, 1988
			6	Fiche Projet (oasis)
				Suivi de projet
			8	Projet d'exécution de rénovation et création de Gassa, Oasis de
		*	•	Lalla, Avant-projet, 1986, DGR, M.D.A.
			g	Projet d'économie de l'eau du périmètre irrigué de Douz
			iń	Programme de détartrage des conduites de distribution des
				refroidisseurs par maillage du réseau, 1986, DGR, M.D.A.
			- 11	Fiche d'identification d'un périmètre irrigué
	G)	Ressources en eau	<u> </u>	Liste des oasis et plan de localisation (gouvernorat de Kébili,
	~/	/ installations de	·	Tozeur, Gabès et Gafsa)
		source	2	Plan de localisation des oasis objets de l'étude (gouvernorats de
	٠	000100	_ :	Kébili, Tozeur, Gabès et Gafsa)
		•	3	Liste des forages et puits (gouvernorats de Kébili, Tozeur,
			_ ;	Gabès et Gafsa)
			4	Economie d'eau dans la Neszaoua
	-	•	5	Ressources en eau de Gabès
			6	Ressources en eau du Sud Tunisien
			7	Evolution de l'exploitation (1973-92)
			8	Sauvegarde des oasis du gouvernorats de Gabès, Etat de la
				salure des oasis, 1989, CRDS Gabès
			9	Carte des ressources en eau de la Tunisie S = 1:500.000, 1991
				DGRE, MDA
•			10	Note sur la salinité des sols dans les oasis de Nefzaoua
	H)	Imigation	1	Aménagement parcellaire avec Seguias bétonnés ou maçonnés
		/installations	2	Suivi de l'évolution des sols sous irrigation, DDS, MDA, 1993
		d'inigation	3	Aperçu de l'imigation dans le gouvernorat de Gabès
		•	4	Stratégie d'économie d'eau dans les périmètres irrigués du
				gouvernorat de Gabès
				Plan d'ensemble
	- '		6	Carte du système des réseaux d'eau (oasis de Zauete el Anes et
	+ ;	And the second	ر د بند	Novel, Kebil CRDA)
			<u>. 7</u>	Situation de l'oasis de Tozeur et du périmètres de Drea Sud
	l)	Eaux souterraines	1	A propos des eaux souterraines en Tunisic (Japonais)
	· .	/qualité des eaux	2	Schémas des couches géologiques (gouvernorat de Kéburi)
			3	Annuaire de l'exploitation des nappes profondes, 1992,
				DGRE, M.D.A. Petroleum Geology of Tunisia, 1990, Entreprise tunisienne
			- 4	
		•	٠ ج	d'activités pétrolières Utilisation des eaux usées traitées à des fins agricoles
				Spécifications physico-chimiques et biologiques
			7	Chimie de l'eau des forages Cl et CT à Kébili
	TV	Environnement		Rapport national, l'état de l'environnement 1993, MEAT
		<u> </u>	<u>.</u>	
	K)	Divers	J	Liste des Bureaux d'études

Domaine	Code	Nom du document
Cartes	1	Cartes topographiques de la zone de l'étude (échelle: 1/100.000), total 45 unités
	2	Cartes topographiques de la zone de l'étude (échelle: 1/50.000 total 87 unités
Hydrogéologie	1	Carte hydrogéologique, plan sectionnal hydrogéologique
	3	documents sur l'hydrogéologie Plan des forages
	3	Inventaire des forages
	4	Relevés d'observation du niveau des caux souterraines
		Relevés d'observation de la qualité des eaux souterraines
Système de	1	Aperçu de la capacité des installations existantes
refroidissement	2	Enide de la survenance de dépôts
des eaux géothermales	3	Etude de l'état de la maintenance des installations
	Cartes Hydrogéologie Système de refroidissement des eaux	Cartes 1 Property of the control of

Attachment - 3

Assignment Schedule of the Study Team

		Societé	1995	1995	1996	1996	NO.
Domaine	Nom	d'appartenance	2 3 4 5 6 7	8 9 10 11	12 1 2 3 4	5 6 7 8	
Synthèse	Hironori Takahashi	Sanyu Consultants Inc.	25.3	20 4 18	18. 16; 17. 16. 16	20 28	
Imigation et drainage	Kenjiro Yatabe	Nippon Koei Co., Ltd.	25¦3 	20:4	18 17 16		
Conception des installations d'irrigation et de drainage	Toshinobu Nakano	Sanyu Consultants Inc.	25;3 2 16	3	18	20 -28 -28 -28	
Système de gestion de l'eau	Toyotaka Niwa	Sanyu Consultants Inc.	3	20 4 3 20	18:		
Eaux souterraines/qualité des eaux	Ryoichi Kawasaki	Sanyu Consultants Inc.	25 3 [12 17 2 17	20 4 24 3 23	23		
Refroidissement des eaux géothermales	Yutaka Yoshida	Nippon Koei Co Ltd.*		22	18.		* Geothernal Engineering Co., Ltd.
Agriculture et sol	Genshichi Wada	Nippon Koei Co., Ltd.	25.3 0 2 16	22	18 17 17		
Agro-économie, organismes de soutien des fermiers	Fumihiro Nagao	Nippon Koei Co., Ltd.	21	20 4	17		·
Environnement et WID	Sachie Oikawa	Sanyu Consultants Inc.	3				
Coordinateur	Tadao Maruyama	Sanyu Consultants Inc.**	3 29 16 211 16	18:23	28 12 17	20 28 28	** Techno Staff Co., Ltd.
Pré	Présentation du rapport		∆ IÇR P⁄R(1)		P/R(2) DE/R		Ar I
	Total		1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1				
Légende: mass Opération sur le terrain		Opération au Japon	AICR: rapport de commencement P/R(1): rapport d'avancement	nent	DF/R: avant-projet de rapport final F/R: rapport final	pport final	