Table 5.3.9 Annual Budget of Distribution Sector - 10-Year Plan (Alternative 1)

DESCRIP	TPROJECT	NAME OF PROJECT/PROGRAM	0100	0101				30		12001			1	-	ŀ	950
MUNBER	NUMBER NUMBER		- 62	BUDGET	1991	1992	1993	1884	1995	1996	1997	1898	1999	2866 -18	-18952	2988
•		TO STATE OF THE POST OF THE PO		180880)											Ħ	
	2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ANTION ON BOILDS INTEREST BOOKEN	α	322	243	48	39	-	1				+	+	322	7
	2-1-14	STUDY ON EXPENTION OF DISTRIBUTION UNLINE IN PERSON	T	9 0	36	1			+	1		1	+		912	T
	NH-1-3		T	3		†	1		 	\dagger	1	-	+		97	I
	NA-1-4	OF THE PI		7.9		4.6	38			 					42	Γ
	ALT-2	2000010	٩	884	1	1	2	388	2	388	1			+	524	386
	MH-2-1	MAINTAIN CHERRY FOR OF FILTH MECHANIS HARRES (SUFFICIAL BY CONSULTONI)	1	288		1	72	725	72	72	-	•	\dagger		216	200
			T	0			1	200		200		-	1		900	200
	N-12	CONSTRUCTION AND OPERATION OF WHOLESALE HARKET	a	17.188		ľ		187	2.731	822	+	4.576	926	3,861 2		298
	NH-3-1			8.348			-	⊬	528	H	3,822		-	Н		3.822
		PNASE-: MUTTRAH		2.528				2	.528				-	2	2.526	
		PHASE-2 SEE8		1,844		-					1,844					1.844
				1.978							1,978				\vdash	878
	0-6-EZ	CONSTRUCTION OF WHOLESPIE HARKET (SUPERUISION BY CONSULTANT)		316					156	1	186			-	126	188
		PHENET TOTAL NEW	1	126			+	-	126		1	1	+	1	126	
		מניים מיים מיים מיים מיים מיים מיים מיים	1	85				1	1	1	35	1	1	1	1	2
	S-18-18	FENCOR OF CALL N. NOTEGO OF NOTEGO TO SERVICE OF SERVICE		2	1		1	1	+	6 11	3 2	300	340	575		8 440
		HUTTROH	Ī	000		l	l	\parallel	1	15.0	25.0	0 0 5	0		1	9 0
		ØHASE-2 SEEB	T	558	T			-	İ	3	+	200	175	275	-	558
		SALALAH		625		\mid	\mid	+	t	\dagger	 	1 2	283	388		825
	WH-3-4	STUDY 4: D/D ON LOCAL WHOLESALE MARKET	T	629		-		-		-	357		272		-	629
	NH-3-5	CONSTRUCTION OF LOCAL MHOLESALE MARKET	-	6.488				-			-	3,688		2,798	9	
		PHASE-1 SOMAR		1,844				-				1.844		-	-	
		1981		1.844				_		_	-	1.844			<u> </u>	1 8 4
		PHASE-2 SUR		1,399										1,399	Ĵ	1,399
				1,399		-				T				1,399	-	393
	NH-3-8	CONSTRUCTION OF LOCAL WHOLESALE MARKET (SUPERVISION BY CONSULTANT)		322								184		138	1	322
		PHASE-1 SOHAR	-	26		-						25	1		1	35
_			_	95			1		1		+	35	1		+	35
		PHASE-2 SUR	1	69		1	1				1	1	1	69	+	69
	ı		1	69			+	+	1	1		1		888	+	3
	2-2-4	DUACET SOUND	T	300		1	1	1	1	1	+	+	202	306	+	376
		TANAL COURT	Ī	27.0				-		+	+	T	800	175	\dagger	275
	0-0-	NM - 0 - O TRAINING STATES OF THE TOTAL OF UNION PROPERTY CAMPONETY	T	20,0	T	l	t	,	100	,	1;	70	200	,	16.0	3 4
	0 0 0	-1	Ť		T	†		-	-	•			-	-	-	2
	SUBTOTA			18.328	2.13	87	=	459 2	2,883	688	1,693	4.578	926	3,861 3		14,678
3-0×	7-17		a	248	158	99	2	₩		٠		-	⊢	-		
: :	Z-4-1	BASIC DATA COLLECTING PROGRAM (STUDY)		88	9.6					-	 				88	
	MT-4-2			43		¥3		-			- 	-		Ī	43	
	WH-4-3	CONSI		47		23	121	12							47	
	NH-4-4	PREPARATION & PUBLICATION OF SUPPLY AND DEMAND FORCAST	Ī	28	26	1	1	1			1			+	26	T
	NR-4-5	INTRODUCTION FOR PRICING PULICY CALUBYS	Ì	52	2	1	\dagger	\dagger		1	+	\dagger	\dagger	+	0	
	υ- Σ	PREPARATION & PUBLICATION OF SUPPLY AND DEMAND FORCAST (SUPPORT)	a	144		48	87	87	-		 -				144	
	9-UX	HEASURES FOR ADJUSTMENT OF SUPPLY AND DEMAND (STUDY)	ď	88				8.0					-		69	
	2,01.5		1	,,,	62,		0	1000	\dagger	†	1	+	+		1	T
() () () () () () () () () ()	H 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS (STUDY)	a	188		186		1	+	\dagger	†			-	168	T
-																Ì
_	8-4N	ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS	α	1.868			320	328	428						1,068	1
	NR-8-1	ESTABLISHMENT OF SHIPPING DRGANIZATION FOR		98	1	1	2 2	82	200	\dagger	†	†	1	-	800	I
	7-8-1	ESTABLISMMENT OF SHIPPING ORGAN, CHILUM FUX FARMENS	T	999	Ť	 	992	4	200	Ť	†			-	000	
	SUBTOTAL			1.228		188	328	328	428					1	1.228	
- - - -	50-12	STRENGTH PROGRAM FOR MAIN DISTREUTION CHANNELS IN PARAP (STUDY)	īα	9,689	1 26	288	3,283	3,283	3,283	-				6	9,663	
								╌							1	
,	SUBTOTAL	AFTER ANGEST TOTAL	1	778.87	36.2	298	298 3,283	3,283 3,283	_1_	849 4 899		4 K7R	828	3.861 15.	333	14.878
1 2 1		0EVELOCYTICS			,											

Table 5.3.10 Annual Budget of Agricultural Produce Processing Sector - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PR10.	TOTAL				٩	ANNUAL BUDGET	UDGET				-	1981	1396
NUMBER		_	BUDGET	1991	1992	1993	1884	1995	9661	1661	1888	1989	- 8022	-1395	-2000
			(1000RD)								-				
NP-1	Establishment of Private Company for Agro-Industry and	α	5,198	188	5.538	2,500								5,180	
	Supply of Agricultural Inputs and Services														
		Ĺ										_	_	_	
2-dN	Establishment of Agro-Industrial Complex for Processing of	Œ	1.415	148	438	486	150		- 8	128	18	128		.134	278
	Dates, Limes and Tomatoes	_											<u></u>	-	
									-					-	-
NP-3	Establishment of Pickling and Vinegar-Processing Plant	α	1,782	132	1,482				13	155			-	1.614	168
		L								-					
NP-4	Establishment of Coconut-Processing Plant	Œ	2.626	1,398	152	412	472	238						2,626	
	Coconut Farm		2,188	1.398	130	188	828	282	L					2.188	
	Coconut-Processing Plant		526		22	252	252	-		-		_		526	
								 	-		-				
TOTAL	DEVELOPMENT BUDGET TOTAL		10,918	1,770	4.564	3.318	622	288	31	275	18	120	1	10.474	444
										_	-	-			

Table 5.3.11 Annual Budget of Inter-Sectoral Project

- 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	DR:0.	PRIO TOTAL					ANNUAL BUDGET	BUDGET					1881	1986
NUMBER			BUDGET	1661	1992	1993	1994	1995	1996	1997	1998	6661	2888	-1995	-2003
			(1800R0)												
1-12	Integrated Agricultural Development Project in Nojd	a	16.553	1,655	1,655	1,655	3.311	996.7	3.311					13.242	3,311
	1) Pilot Farm (58ha)		1.655	1,655										1,655	
	2) Main Development Project (458ha)		14.898		1.655	1.655	3.311	4,966	3.311					11,587	3,311
		_													
2-1N	Improvement and Maintenance of MAF Facilities	α	28,991	5,835	5.896	3,500	880	808	863	800	880	808	899	16,991	4.838
	1) Ministry Building		5,191	2,595	2.596							 		5,191	
	2) Office Building for Directorate General of Agriculture	L	7.800	2,500	2.598	2,838	<u> </u>							7,838	
	in 6 Regions														
	3) Separate Consolidated Allocation for All Consultancies		8.000	308	300	228	300	808	800	800	890	800	800	4.838	4.888
1-10	Citizen's Compensation against Natural Crisis	(1	3.600	300	390	980	388	398	388	306	396	383	308	1.588	1,588
01-2	Master Plan for Development of Date Palm Cultivation	a	800	688										989	
TOTAL	DEVELOPMENT BUDGET TOTAL		41.144	8,450	7.851	5.555	4.411	6.066	4.411	1.100	1.188	1.138	1.198	32,333	8.811
		-													

Table 5.3.12 Regional Budget Total - 10-Year Plan (Alternative 1)

SECTOR	PROJECT	NAME OF PROJECT/PROGRAM	TOTAL	HUSCRT	BATINAH	SHRR01YR	REGION DRKHL179	DMAHIRA	JANUB1YA !	HUSANDAM
	NUMBER		(188880)					080		
irrigation and Dam	NH-1	Improvement of Irrigation System and Controlly:	26,378	0.230	14.468	2.640	2.948	2,318	4.628	2,856
		Distribution System								
		for New Irrigation System Proje	31,250	629	17, 190	4.985	4,380	2,818	1.880	318
	1	TOOR THORSESTA TOT BOT OUTLING MALET USE	258	8	128	38	35	52	8	9
	1	Account of the state of the sta	79.243	4.735	862.78	292	13.262	11.8.0	1,435	2,392
	1	0.000 John 10.000	0000	828	988.3	4.558	8.858	3.9.8	;	Ī
	NU-7	- H119h	5.188	22	1,383	1.376	954	1.318	33	22
	IJ		4.387						4.887	
		Erosion Control and Protection of Agricultural Land	6,518		685	250	4.789	89	525	
	NV-18	10	5, 788	223	2.592	669	1,271	784	201	128
			18.288	991	9.248	2.658	2.135	1.488	2.985	180
Agriculteral	NAR-	Support for Agricultural Research Stations	5.388		2,688	850	858	603	1.888	
Rosearch	NAR-2	Establishment of New Research Units and	5.688		5,259		75		275	
	0-002	CONTRACTOR AND THE PROPERTY OF			007	000	655	630	900	66
	\$ £	から しゃかしって	2,000	-		2000	2	2	3	3
	NRR-4	Forestry-Improvement Program	2,398	86	588	398	280	200	600	97
	NAR-5	Establishment of Locust Survey and Central Unit	2.888	88	: 616	388	298	238	88	69
	ABK-15	2011 301/0695	1.388	950	200	386	303	150	192	842
Agricultural	NAE-1	Improvement and Davelopment of Extension Centers and	3.529	172	8.40	561	737	643	283	284
	NAE-2	Establishment of Development Support Communication	1,198	1.190						
	0.00	Center (DSCC)	100		,	240	200	000	100	8
	5 L L L	50 00 1	2,520	E.	1.145	285	326	687	255	99
	N-36N	Intensive Extension Guidance Progress	15.828	528	4.858	3.886	3.268	2.488	518	480
			21.866	1,858	18,551	2,830	2,285	2.825	1.320	463
Agricultural Organition	2 S S S S S S S S S S S S S S S S S S S	oction and or	2,868	62	1.838	369	238	288	124	14
	0 1 0 0 V	Droi Dro	1	360	4 95.8	0 10	825	A75	504	
	NA9-4	outtural Technology Transfer to Farmers Proje	19.999	386	5.400	489	1.1.89	888	788	288
	NAG-1 Deve	Development and Improvement of Plant Quarantine	986	386				239	400	
			72,520	2,266	15,478	6,824	8.258	7,295	38 858	1.551
Livaatook	-1 ×	Rangeland Revecetation Project in Southern Region	3,552						3,552	
	N.L2	Doings Negith and Disease Control Project	29,357	732	6.985	2.880	2,443	4.328	10.973	927
	- - - -	Livestock Extension Development Project	832	6	241	38	9	200		*
	Z Z	Clearconx Xeasabron Development Project	7 884	ő	198	80	1.00	961	6.988	
-	N. L 3	Livestock input Company Project	1,359	586		2	376			
	N-1-4	Farm Devolopment	21.855	382	5.827	3.424	3.688	2.547	6.136	533
	RI (5	Livestock Specialized Services Program	2.381	69	575	276	233	276	508	69
			38.867	10.372	6.235	2.843	2.745	3.887	4.694	91
Distribution	2 2	Retebilishment of Wholebale Tarket	18,326	7.243	2.468	1.682	1.682	2,408	582.2	
	S C	TATES AND DESCRIPTION OF SECURE AND DESCRIPTION OF SECURE	1 220	1 2 2	347	188	185	1.85	188	
	A-0%		18.877	L	3,371	268	898	455	1.746	100
			18,918	1.460	4,009	765	1.293	516	2.779	192
Agricultural Produce	NP - 1	Establishment of Private Company for Agro-Industry and constitution of contrast includes and contrast	5,108		2,652	165	714	518	153	182
***************************************	6-0X	Den Carrie	6,4	677	456		567			Ī
	•	atos. Limes and Tomatoes		}			;		_	_
	кр-3	, of Pickling and Vinega	1.782	807	168		3.6			
	AP-4	Establishment of Coconut-Processing Plant	2,526						2.628	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	,		41.144	5,655	7,282	2.990	2.874	2.410	18.451	1.482
B_030001000	, C	Appropriate and Mail of appropriate the man which the same	20.00	5, 511	5.418	2.459	9.378	2.858	2007	1.418
	, E	figure Asiafall Project	100 100	,	,			200		
	-10	Citizen's Compensation against Natural Crimis	3.000	120	1.568	450	428	389	ଝଟ	63
	2-10	Haster Pish for Development of Date Pals Cultivation	୧୯୯	24	312	8	84	63	18	12
Total			483,866	29,958	141,453	44 509	61.585	43.653	75.536	7.578
		Y								

Table 5.3.13 Regional Budget of Irrigation and Dam Sector - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PR10.	TOTAL				REGION				_
NUMBER			- 1	MUSCAT	3ATINAH	SHARAIYA	MUSCAT BATINAH SHARAIYADAKHLIYADHAHIRAJANUBIYAMUSANDAM	DHAHIRA	ANUB I YO	USANDAM	_
1-12	Improvement of [rriostion System and Contrallu-	٥	(188880)		14 689	0 0 0	0 440	2.310	6.629		
							25.5				_
	Study Phase(P/S, F/S)		1.700		968	248	240	148	120		_
	Pilot Project		24.678		13,588	1,800	2.700	2.170	4.508		
2-3N	Subside for New Teriostics Seates Droiset for of Books	٥	31 250	628	17 100	000	000 4	6,00	1 000	910	
	101 10200	1	200		200		*. 005	2 0 1	200		
E-RN	Legal Framework for Agricultural Water Use	a	250	1.0	128	38	35	25	8	9	
NN-4	Recharge Dams	α	79,248	4.735	37.238	8.362	13,262	11,815	1,435	2,382	-
NE-4-1	Groundwater-Recharge Scheme					-					
			5.940	496	3.100	609	1.620	629	100	208	
-			59,468	4.888	31,989	6.000	10.200	5.280	1.886	2.008	
NW-4-2	Maintenance and improvement of Existing and Newly		7,400	282	2,988	712	1,992	966	285	142	
,	Constructed Basis		2 4 2	1					1	,	_
7-7-3X	Identification of New Groundwater-Recharge Schemes		\$.860	ac .	90.	1.808	a a	5 000	ne	o.	
										-	
S-HZ	Sub-Surface (Underground) Dams	σ	5,880		2.765	38	2,138	32	35		
	Reconnaissance Study		7.5		35	91	1.0	-1	13		
	Preliminary Study		150		50	25	25	25	52		
	Feasibility Study		383		202		100				_
	Pilot Project (Construction)		4,325		2.425		1.980				
	Observation and Monitoring		150		55		35				
9-12	Aflaj	α	22,520	628	5,390	4,550	8.058	3.910			
NW-6-1			12.800	999	2,648	1.868	4.560	2.499			
NM-6-2	Distribution System Improvement Pilot Project in		1.508		388	330	689	399			
6-8-W	Habrovoerst and Maintepance of Maior Offa:										_
		L	528	20	45.0	450	80%	010			_
	Construction		7,598		2.888	2.009	2 588	1.888			_
											_
7-m	Wells	æ	5.180	22	1.383	1.376	954	1.318	33	22	
NW-7-1			1.100	22	583	176	154	110	33	22	
NW-7-2	Assistant Wells for Aflaj		4.868		808	1,200	308	1,289			
	**************************************	ļ	,						100		
25-35	MODELLO COMPANIENTE	2	. 60 c						2 6 6		
0 0 1 1 2	CALLED TO THE STATE OF ORDER CHRISTING CO. CALLED	1	3,300						5,568		
J 0 4		i	000						900		
S-MR	Erosion Control and Protection of Agricultural Land	Œ	6,518		685	658	4.700	28	525		
	against Floods										_
	9		418		185	20	188	26	52		_
	Construction Phase		8,108		500	500	4.600		208		
NW-18	Survey and Monitoring	α	5,780	223	2,582	669	1,271	704	201	. 20	
NE-10-1	Long-term Plan for Area: Photography and Ortho-photo		2,200	82	1,147	326	337	222	63	2	
0 - 0 I - II N	Retablishment and Operation of Audrological		3.589	139	200	778	080	482	38	9,4	
	Monitoring Notwork for Recharge Dan	L			,	,					
											,
						_					
TOTAL	DECELOPMENT BUDGET TOTAL		185,107	6.238	81.831	21,688	37,722	22,978	12,824	2.858	
		-									_

Table 5.3.14 Regional Budget of Agricultural Research Sector - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PR10.	TOTAL				REGION			
NUMBER			BUDGET	MUSCAT	BATINAH	SHAROIYA	SН якотуярякистуярнянтвя	HAHIRA ,	JANUS I YAMUSANDAR	USANDAM
		_	(189880)							
NAR-1	SUPPORT FOR AGRICULTURAL RESERRCH STATIONS		5,383		2.006	850	อรธ	688	1.888	
NAR-1-1	RESEARCH FACILITIES AT	ď	1,130		1,188					
NAR-1-2	AGRICULTURAL RESEARCH FACILITIES AT	σ	858				850			
NAR-1-3	AGRICULTURAL RESEARCH FACILITIES AT	σ	1.000						1,288	
NRR-1-4	AGRICULTURAL RESEARCH FACILITIES AT	Œ	986		006					
NAR-1-5	AGRICULTURAL RESEARCH FACILITIES AT	a	850			850			_	
NAR-1-6	AGRICULTURAL RESEARCH FACILITIES	а	୧ଷଷ					ଡେଡ		
NAR-2	NITS AND		5.688		5.258		75		275	
NAR-2-1	AGRICULTURAL MACHINERY RESEARCH UNIT AT RUMAIS	α	888	·	008					
NAR-2-2	NAR-2-2 TOXICOLOGY LABORATORY (RUMAIS)	α	388		398					
NAR-2-3	SEED AND TUBER PRODUCTION RESEARCH UNIT (RUMAIS)	ά	650		029					
NOR-2-4	NAR-2-4 CENTRAL SOIL, PLANT AND WATER ANALYSIS LABORATORY (RUMAIS)	σ	888		808					
NAR-2-5	LIBRARY AND DOCUMENTATION CENTER (RUMAIS)	α	250		258					
NAR-2-6	MAR-2-6 PLANT WATER REQUIREMENT DETERMINATION UNIT (SALALAH)	Œ	188						188	
NAR-2-7	1	σ	35					•	75	
NAR-2-8		ч	188		188					
NAR-2-9	SALT TOLERANT PLANTS AND HALOPHYTES RESEARCH UNITS (RUMAIS)	ч	658		059					
NAR-2-16	HONEY BEE LABORATORY (RUMAIS)	ч	200		200					
NAR-2-1	THONEY BEE RESEARCH UNIT (SALALAH)	α	198		-				189	
NAR-2-1	NAR-2-12HONEY BEE RESEARCH UNIT (JEMMAH)	α	75		-		75			
NAR-2-1	NAR-2-13DATE PALM RESEARCH UNIT (RUMAIS)	ď	1.588		1.508					
										2
NAR-3	TAL FARM		2,000	,	456	3ପ୍ରପ	552	258	350	188
NAR-3-1	NAR-3-1 DEUELOPMENT OF ARABIC COFFEE EXPERIMENTAL FARM IN SALALAH	α	200						୧୯୯	
NAR-3-2	DEUELOPMENT OF NURSERIES AT RUMAIS AND BARKA	Œ	396		308					-
NAR-3-3	DEUELOPMENT OF NURSERIES AT SOHAR	ч	150		150					
NAR-3-4	NAR-3-4 DEWELOPMENT OF NURSERIES IN INTERIOR	Ф	488				400			
NAR-3-5	NAR-3-5 DEUELOPMENT OF NURSERIES IN SOUTHERN REGION	Œ	150						150	
NAR-3-6	DEVELOPMENT OF EXPERIMENTAL FARM	Œ	: 20				158			
NAR-3-7	DEVELOPMENT OF EXPERIMENTAL	σ	100							169
NAR-3-8	DEUELOPMENT OF EXPERIMENTAL FARM	α	368			308				
NDN-8-0	DEUELOPMENT OF EXPERIMENTAL FARM	α	250					258		
NAR-4	FORESTRY-IMPROUENENT PROGRAM	ď	2,898	8.8	588	368	288	200	688	40
NAR-5	ESTABLISHMENT OF LOCUST SURVEY AND CENTRAL UNIT (RUMAIS, ALL REGION)	α	2.088	88	1.048	388	280	200	99	46
	THE PROPERTY OF THE PROPERTY O									
NAK-6	SOIL SURUEYS	۵	1.300			366	158	158	2,92	
1			K			_	33,		1000	50
H	DECELOPHEN BUDGET TOTAL		18, 200	100	8,240	2.036	2,185	1,488	200	387
									-	

Table 5.3.15 Regional Budget of Agricultural Extension Sector - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PRIO. TOTAL	TOTAL				REGION			
NUMBER			800657	MUSCAT	BATINAH	SHAROLYA	DAKHLIYA	DHAHIRA	BATINAH SHAROIYADAKHLIYADHAHIRA JANUBIYAMUSANDAN	USAหอดห
- -			(1000R0)							
NAE-1	IMPROUGHENT AND DEUELOPHENT OF EXTENSION CENTERS AND FACILITIES		3.528	172	940	199	737	643	283	284
NAE-1-1	NGE-1-1 ESTABLISHMENT OF EXTENSION CENTERS IN REMOTE AREA	α	488			20	190	158		801
NAE-1-2	NAE-1-2 INPROVENENT OF EXTENSION CENTER FACILITIES	α	1.620	72	540	211	237	243	183	84
NAE-1-3	NAE-1-3 DEUELOPMENT OF AGRICULTURAL TECHNOLOGY INFORMATION UNITS (ATIU)	α	1,588	100	386	386	350	258	100	183
NAE-2	ESTABLISHMENT OF DEVELOPMENT SUPPORT COMMUNICATION CENTER (DSCC)	α	1.190	1.190						
			-						-	
NAE-3	TRAINING OF RESEARCHERS. EXTENSION STAFF AND STATISTICS STAFF	ď	2.528	44	1.145	265	328	285	334	88
NAE-4	INTENSIVE EXTENSION GUIDANCE PROGRAM		15.820	528	4,850	3.866	3.260	2.498	518	430
NAE-4-1	NAE-4-1 SUPPORTING KEY FARMER EXTENSION PROGRAM	α	3,000	188	1.400	450	428	308	270	56
NAE-4-2	NAE-4-2 BATE PALM REHASILITATION & IMPROVEMENT PRORGRAM	α	11.828	488	3.688	3.286	2,700	2,838	150	282
NAE-4-3	PROUISION OF INPUTS FOR EXPERIMENTAL PURPOSES	α	1.090	28	450	153	140	100	120	20
TOTAL	DEUELOPHENT BUDGET TOTAL		23.858	1,959	6.835	4.626	4,323	3.328	1.127	852

Table 5.3.16 Regional Budget of Agricultural Production Sector - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PRIO.	TOTAL				REGION			
NUMBER			BUDGET	MUSCAT	BATINAH	SHRROIYADAKHLIYADHAHIRA	DAKHLIYA	DHRHIRA	JANUBIYAMUSANDR	HEUNHOU
			(1666RD)							
NAR-1	COLLECTION AND ORGANIZATION OF AGRICULTURAL STATISTICS		2.868	62	1,030	309	288	206	124	41
NAR-1-1	AR-1-1 HAGRICULTURAL CENSUS	σ	1.400	42	700	213	967	140	84	28
NAR-1-2	NAR-1-2 ANNUAL UPDATE OF IMPORTANT AGRICULTURAL STATISTICS	Œ	659	20	330	99	92	99	40	13
	1									
NA9-2	RESICULTURAL EXHIBITION AND FESTIVAL		1,486	971		71	7.1	71	71	7.1
NAA-2-1	NAA-2-1 INTERNATIONAL AGRICULTURE AND FOOD EXHIBITION	Œ	886	966						
NAR-2-2	MARA-2-2 DOMESTIC HISTICULTURAL FESTIVAL	œ	588	7.1	7.	7.1	7.1	7.1	71	7.1
		_								
NAB-S	MATIONAL PROJECT FOR PLANT PROTECTION AND AERIAL SPRAY	(I	7,588	225	4,050	1,950	825	675	525	158
NAA-4	MGRICULTURAL TECHNOLOGY TRANSFER PROJECT TO FARMERS	æ	10,063	300	5,400	1,400	1,130	006	788	200
		_								
	NAA 101AL		20,960	1,558	19,551	2,830	2,285	1,852	1,420	463
					h					
	THE TOTAL STREET OF THE STREET STREET	ě	-800	377		-		900	001	
1 3 1	TOTAL CITATION OF THE MONOGENERAL MANAGEMENT OF THE MONOGENERAL MA	E	200	20.0		-	-	207	7	
		<u> </u>								
TOTAL	DEVELOPMENT BUDGET 101AL		21,868	1,853	18,551	2,830	2,285	2,652	1,820	463

Table 5.3.17 Regional Budget of Livestock Sector

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Number of	Name of the Project	Project				0.00				-
Project		Deriod	MuscatBat	inab	baro i ua	Sharo LeaDakh LeaDhah Lea		JanubiveMusandum	พายนอยา	Total
1 1	ation Project in	1					1			
								3,552		3,552
	ហា	ટા						352		352
NLL-1-2	② Grazing Control	1.0						3.208		3.200
וארר-ב ווארר-ב	mai Health & Disea	1	732	986.9	2 380	2,443	4.328	16.973		29,387
N-0-1	pment of	ĵ.	1,0	305			1,385	178	203	1.975
NLL-2-1	Anima! Clin	S	_	189	වර	33	56	313		1.138
NLL-2-2		-		387		-		888		818
NLL-2-3	⊕ CCPP Vaccine Development	89		38						88
NLL-2-4	S National Usccination	1.2	582	4,848	2.227	1.856	2.227	6.496	557	18.559
NLL-2-5	Supplies of	: 0	165	1.375	668	558	660	1.925	1.55	8,583
N11-2-6	C Brucellosis Control in South	1.8						1.236		1.236
NLE-1	Livestock Extension Development		G)	241	38	38	36	275	g,	632
	© Extension Method Improvement	1.0	o,	75	36	38	38	1.05	o.	388
	· Demonstration of Using Equipment									ļ
	tansion									
	· Estabilshment of Demonstration Unit									
NLE-1-2	(2) Training Center Development	5		186				991		332
					~-					
NLR-1	Livestock Research Development			2,446		1.473		2.131		8.056
NLR-1-1	① Development of Livestock Research Centers	16		1.588		1.683		1.500		4.888
NLR-1-2	2 Research Centers Management Consultancy	ស		946		473		631		2,858
NLM-1	Livestock Marketing Improvement Project		91	96:	128	133	188	888.9	13	7.684
NLM-1-1	- 7	7						1.715		1,716
NLM-1-2	② Cait∤e Fattening	ນ						979		878
NLM-1-3	⊜ Cut Meat Processing	ო						537		583
N_N-1-4		ဗ		68	35	35	35	1.831		1.192
NLM-1-5	© Hides and Skins Development	00	7.9	98	26	26	26	19		262
NLM-1-6	© Cattle Destocking Subsidy	ษว						2,500		2.599
NLM-1-7	O Marketing Promotion	S	13	185	6.0	42	58	146	13	418
0 7 1 1	The state of the s	,	Coo			6				0.0
7 - 1			0000			2		1		200
NLL-4	Small Farm Development Support Project		382	5,827	3.424	3.606	2.547	6.136	533	21,655
NLL-4-1	lder Poultry Producti	æ		1.842	1.895	2 302	1.818	1.647	151	8,855
NLL-4-2	ive Livestock	18	382	3,185	1,529	1.274	1,529	4,459	385	12,748
NLL-4-3	(3 A.1. Services for Dairy Com	_				36		36		69
NL1-5	Livestock Specialized Services		69	575	276	232	276	885	69	2.381
NAA-1-1	① Livestock Census	ΟJ	3.1	262	126	125	126	367	3	1.248
N-L-8-1	0.1	100	6	58	13	=	13	o e	ო	11.0
NLM-2	Marketing Su		4	38	12	14	17	න ග	4	143
N-1-8-1	(4) Consultancy Services (Study)	1.0	96	258	120	188	128	350	38	-1
	Total		2.286	15.470	6.824	8,258	7,296	30.858	1.550	72,528
	Tercentage		3	21.3	9.4	11.4	10.1	42.5	2.1	99:

Table 5.3.18 Regional Budget of Distribution Sector - 10-Year Plan

(Alternative 1)

18,326 7,243 2,469 1,682 1,682 2,468 2,788 10.077 2.528 3.371 898 899 455 1.748 3.0.857 4.091 1,682 2,468 2,788 1.844 178 135 135 178 1,844 1,390 1,399 1,844 1,844 1,682 1. 844 1. 399 1. 399 92 92 92 93 93 63 63 63 63 75 63 75 75 75 A 1.858 PREPARATION & PUBLICATION OF SUPPLY AND DEMAND FORCAST (SUPPORT) MEASURES FOR ADJUSTMENT OF SUPPLY AND DEMAND (STUDY) PHASE-2 SUR NIZA NIZA NIZA PHASE-1 SUPERUISION BY CONSULTANT) PHASE-1 SOUR PHASE-2 SEEB MM-3-2 CONSTRUCTION OF LHOLESALE HARKET (SUPERVISION BY CONSULTANT) PHASE-1 HUTTRAH PHASE-2 SEEB MM-3-3 SUBSIDY FOR RETUNETATION OF OPERATION IN MHOLESALE HARKET PHASE-1 HUTTRAH PHASE-1 HUTTRAH PHASE-1 SIEB MM-3-4 STUDY & DAY DON LOCAL WHOLESALE HARKET MM-3-5 CONSTRUCTION OF LOCAL WHOLESALE HARKET MM-3-6 STUDY & LOCAL WHOLESALE HARKET MM-3-7 STUDY SEEB MM-3-7 STUDY SEEB MM-3-8 STUDY SEEB MM-3-8 STUDY SEEB MM-3-8 STUDY SEEB MM-3-1 STUDY SEEB MM-3-2 SONAR NR-8 ESTABLÍSHMENT OF SHIPPING ORGANIZATION FOR FARMERS SUPPORTS NH-8-1 ESTABLÍSHMENT OF SHIPPING ORGANIZATION FOR FARMERS (SUPPORT) NH-8-2 ESTABLÍSHMENT OF SHIPPING ORGANIZATION FOR FARMERS (SQUIPMENT) PHASE-2 SUR NIZWA MM-3-7 SUBSIDY FOR REMUNERATION OF OPERATION IN LOCAL MACLESALE HARKET PHASE-1 SOHAR NH-6 STRENGTH PROGRAM FOR MAIN DISTRBUTION CHANNELS IN PANAP (STUDY) NH-18 STRENGTH PROGRAM FOR MAIN DISTRBUTION CHANNELS IN PANAP NG-2 PILOI HIGHESALE BARKET NG-2-: DPERATION OF PILOI HAGLESALE MARKET (SUPPORT BY CONSULTANT) NH-2-2 DETAIL DESIGN ON UNDLESALE MARKET STABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS (STUDY) 18R1 NH-3-8 TRAINING STAFFS FOR OPERATION OF WHOLESALE MARKETS (SUPPORT) NH-1 ESTABLISHHENT OF WHOLESALE HARKET (STUDY) NH-1-1 STUDY ON ESTABLISHING WHOLESALE NARKET NH-1-2 STUDY ON EXPANTION OF DISTRIBULION UOLUNE IN PARAP NH-1-3 INPEGENATION ON EXPANSION OF DESTITIBUTION UOLUNE IN PARAP NH-1-3 INPEGENATION ON EXPANSION OF DESTITIBUTION OF THE PILOT NH-1-4 IRRINING STAFFS OF PARAP FOR IMPLEMENTATION OF THE PILOT PUBLOFING MIN-A-1 BOSSIC DATA COLLECTING PROGRAM MIN-A-1 BOSSIC DATA COLLECTING PROGRAM (SIUGY) MIN-A-2 BOSSIC DATA COLLECTING PROGRAM (SUPPORTER) MIN-A-3 BOSSIC DATA COLLECTING PROGRAM (SUPPORTER) MIN-A-4 PREPARATION & PUBLICATION OF SUPPORT AND DEFINAN FORCAST MIN-A-4 FREDUCTION FOR PRICING POLICY (SIUDY) NAME OF PROJECT/PROGRAM MM-3 CONSTRUCTION AND OPERATION OF WHOLESALE MARKET NN-3-1 CONSTRUCTION OF UNDESALE MARKET PHASE-1 AUTRAN PHASE-2 SEEB DEVELOPHENT BUDGET TOTAL PHASE-2 TOTAL

Table 5.3.19 Regional Budget of Agricultural Produce Processing Sector - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PRIO.	TOTAL				REG10N			
NUMBER			BUDGET	MUSCAT	BATINAHS	HAROIYA	PKHL14PR	BHRHIRE	BUDGET MUSCAT BATINAHSHARDIYADAKHLIYADHAHIRAJANUBIYAMUSANDAM	USANDAM
			(1888RD)							
NP-1	Establishment of Private Company for Agro-Industry and	Œ	5,120	204	2.652	765	714	518	153	182
	Supply of Agricultural Inputs and Services									
NP-2	Establishment of Agro-Industrial Complex for Processing of	Œ	1,418	449	466		495			
	Dates, Limes and Tomatoes									
NP-3	Establishment of Pickling and Vinegar-Processing Plant	σ	1,782	887	891		84			
		_				-		-		
NP-4	Establishment of Coconut-Processing Plant	Œ	2,626						2,626	
L	Coconut Farm		2,188						2.188	
	Coconut-Processing Plant		528						526	
TOTAL	DEUELOPMENT BUDGET TOTAL		18,918	1,488	4.669	765	1,293	518	2.779	182

Table 5.3.20 Regional Budget of Inter-Sectoral Projects - 10-Year Plan (Alternative 1)

PROJECT	NAME OF PROJECT/PROGRAM	PR10.	TOTAL				REGION			
NUMBER			BUDGET	MUSCAT	BATINAH	SHARO I YAL	AKHLIYA	DHAHIRA.	BATINAHSHARGIYADAKHLIYADHAHIRAJANUBIYAMUSANDAR	USANDAR
			(1888RO)							-
NI-1	Integrated Agricultural Development Project in Nejd	α	16,553						16,553	
	1) Pilot Farm (50ha)		1.655						1,655	
	2) Main Development Project (458ha)		14,898						14,898	
									-	
2-IN	Improvement and Maintenance of MAF Facilities	α	26,991	5.511	5.410	2,458	2.378	2,858	1,798	1.410
	1) Ministry Building		5 191	5, 191						
	2) Office Building for Directorate General of Agriculture		7.808		1,250	1,258	1,258	1.258	1.558	1.258
	in 6. Regions								-	
	3) Separate Consolidated Allocation for All Consultancies		8,688	328	4.168	1,288	1.128	808	248	168
01-1	Citizen's Compensation against Natural Crisis	α	3.088	128	1.568	458	428	328	88	68
01-2	Master Plan for Development of Date Palm Cultivation	α	889	2.4	312	86	84	68	18	12
TOTAL	DEVELOPMENT BUDGET TOTAL		41.144	5,655	7,282	2.388	2,874	2.418	18,451	1,482

Table 5.3.21 Budget Total - 10-Year Plan (Alternative 2)

SECTOR	PROJECT NUMBER	NAME OF PROJECT/PROGRAM	TOTAL BUDGET (1000RO)
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally-	259,922 42,090
•		Controlled Water-Distribution System	00 100
•	NW-2	Subsidy for New Irrigation System Project	37,500
The second second second second	NW-3	Legal Framework for Agricultural Water Use	250
	NW-4	Recharge Dams	81,845
	NV-5	Sub-surface (Underground) Dams	5,000
	NW-6	Aflaj	59,020 18,000
	NW-7	Wells	4,087
	8-44 8-44	Springs Erosion Control and Protection of Agricultural Land against Floods	6,510
	NY-10	Survey and Monitoring	5.820
	31 % 10	Duite) and nonicoling	18,200
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300
Research	NAR-2	Establishment of New Research Units and Laboratories	5,600
	NAR-3	Development and Establishment of Experimental Farms and Nurseries	2,000
	NAR-4	Forestry-Improvement Program	2,000
-	NAR-5	Establishment of Locust Survey and Central Unit	2,000
<u> </u>	NAR-6	Soil Surveys	1,300
			23,050
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	3,520 1,190
	NAE-2	Establishment of Development Support Communication Center(DSCC) Training of Researchers, Extension Staff and Statistics	2,520
	NAE-3	Staff Intensive Extension Guidance Program	15,820
	1 0 8 5 - 4	Intensive extension anigance modium	21,860
Agricultural	NAA-1	Collection and Organization of Agricultural Statistics	2,060
Production	NAA-2	Agricultural Exhibitions and Festivals	1,400
	NAA-3	National Project for Plant Protection and Aerial Spraying	7,500
	NAA-4	Agricultural Technology Transfer to Farmers Project	10,000
	NAQ-1	Development and Improvement of Plant Quarantine	900
			74,576
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552
	NLL-2	Animal Health and Disease Control Project	31,423
	NLE-1	Livestock Extension Development Project	632
	NLR-1	Livestock Research Development Project	6,050 7,604
	NLM-1	Livestock Harketing Improvement Project	
	NLL-3	Livestock Input Company Project	1,359 21,655
	NLL-4	Small Farm Development Support Project	$\frac{21,033}{2,301}$
	NLL-5	Livestock Specialized Services Program	30.087
Distribution	ND-1	Establishment of Wholesale Harket	18,326
Distribution	ND-2	Supply and Demand Forecast of Agricultural Produce	444
	ND-3	Establishment of Shipping Organization for Farmers	1,220
	ND-4	Fortification of PAMAP	10,077
	7 7		10,918
Agricultural Produce Processing	NP-1	Establishment of Private Company for Agro-Industry and Supply of Agricultural Inputs and Services	5,100
	NP-2	Establishment of Agro-Industrial Complex for Processing	1,410
•	NP-3	Establishment of Pickling and Vinegar-Processing Plant	1,782
	NP-4	Establishment of Coconut-Processing Plant	2,626
	 	The state of the s	41,144 16.553
Inter-Sectoral	NI-1	Integrated Agricultural Development Project in Nejd	20,991
•	NI-2	Improvement and Haintenance of HAF Facilities	20,991
	NI-3	Artificial Rainfall Project	3,000
	01-1	Citizen's Compensation against Natural Crisis	3,000 600
	01-2	Master Plan for Development of Date Palm Cultivation	000

Table 5.3.22 Annual Budget Total - 10-Year Plan (Alternative 2)

The control of the	
1. 1. 1. 1. 1. 1. 1. 1.	PROJECT NAME OF PROJECT/PROGRAM
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	NW-1 Improvement of irribation Sustees and
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	smework for Ag
1 1 1 1 1 1 1 1 1 1	+
1. 1. 1. 1. 1. 1. 1. 1.	ATTA:
1. 1. 1. 1. 1. 1. 1. 1.	Nu-7 Ue) 18
1. 1. 1. 1. 1. 1. 1. 1.	Springs
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	NU-9 Eresion Control and Protection of Aprilo
Farth Fart	NU-10 Survey and Honitoring
Strong S	
1.00 1.00	NAR-1 SUBBOAL for Moricultural Roadearon Stell
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Laboratorios
1.1300 2.000 200	Development and Establishment of and Nurseries
1.900 2.00	Forestru-Isprovement Progress
1, 100 1	heent of Locust Survey and
	NAKES VOI SUPVAVA
1.190 1.282 1.58	NRE-1: Improvement and Dovelopment of Extension Facilities
15.872 15.872 15.87 15	Establishment of Development Support
15.822 1.582 1.5	NAE-3 Training of Researchers, Extension Staff
Statistics	NAE-4 intensive Extension Guidance Program
Table Tabl	
Project 18,000 1	Our on turn Evely 1000
Project 10.000 1	NAG-3 National Project for Plant Protection on
Name	Agricultural Technolog
1.055 1.056 1.057 1.05	NAG-1 Development and Improvement of Plant Due
1.050 1.05	Rangeland Revegetation Project in
Colored Colo	NLL-2 Aniwal Health and Dispase Control Proj
T.584 575 1.851 972 1.724 1.559 1.867 1.96 9.9 9.9 9.971 9.991 9.971 9.991	NES-1 Livestock Research Development Project
1.359 3.065 3.06	NLH-1 Livestock Harketing Improvement Pro-
1.00 1.00	LIVESTOCK INDUT COMBANY
12 12 12 13 14 15 15 15 15 15 15 15	Sas Ferm Dove opport
18.326 14.4 156 11.4 12.8 4.6	ALL-3 L14941004 SD401911209 S4141048 Y100189
Produce 1.224 156 114 50 128 426 1 1.24	П
10,016 1,016 1,02 1,02 2,03 3,203	ND-2 Supply and Desend Forecast of Apricultural
10.916 1.770 4.564 9.318 622 206 31 275 18 120 10.474 5.180 1.0874	Т
1, 16 1, 18 18 2, 50 2, 50 15 18 12 18 12 18 12 18 18	
1.416	to Company for Inputs and Ser
1.782 1.22 1.482 1.2 4.72 288 1.3 1.55 1.38 1.108 1.108 2.286 2.286 1.399 1.52 4.13 6.968 4.411 1.100 1.100 1.100 1.100 32.333 1.652	Industrial C
2.6.20 1.390 1.52 1.22 412 412 200 1.1 1.10 1.100 1.100 3.100 32.333 41.1 6.20 8.4.11 1.100 1.100 1.100 1.100 32.333 116.55 1.655 1.555 9.511 6.20 800 800 800 800 800 800 800 800 800 8	NO+3 Fathal impact of Directors
11,142 61,450 7,651 5,555 4,411 6,266 3,311 1,100 1,100 1,100 32,333 15,552 1,555 1,555 3,311 4,566 3,311 4,100 1,100 1,100 32,333 1,555	Establishment of Coconni-Proce
16.552 1.655 1.655 1.655 3.311 4.966 3.311 8.900 800 800 800 808 15.931 15.242 20.951 5.855 3.600 800 800 800 800 800 15.931 15.800 800 800 800 800 15.800 15.800 15.800 800 800 15.800	
29.95; 5.495 5.496 3.590 680 680 800 800 800 800 800 800 800 15.888 15.888 15.888 200 800 800 800 15.888 15.888 15.888 200 800 800 800 800 800 800 800 800	П
A 19.000 300 300 300 300 300 300 300 300 300	П
479,737 49,014 53,706 55,703 55,349 63,114 44,349 40,989 55,543 36,481 277,976 20	Citizen Component De
479.737 49.014 53.796 56.703 55.349 63.114 44.349 46.359 40.389 55.543 36.481 277.976	Master Plan for Develo

Table 5.3.23 Annual Budget of Irrigation and Dam Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	PRIO.	TOTAL			٩	ANNUAL E		REGULREMEN	IEN 7				1661	1996
NUMBER		1	BUDGET	1991	1992	1993	1994		1996	1997	8861	1899	2996	- 1995	- 2000
1 - N	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	1	1888R0>	- 600	000	000	0.00	0.0	9		900		\rightarrow	~∱∙	000
			300137	2	200	+	200	0.0	00110	7	200	2.00	000	200.61	2007.22
			2,420	328	480	-	248	248	243	240	186	+	89	1.580	878
	Pilot Project	1	39.670	388	202	3.500	6.120	7,888	4,950	4,599	4,500	4,588	↓↓ .	18,220	21,450
Z-1-12	Subsidy for New Irrigation System Project for 30.888ha	a	37,580	2,588	2.508	3,750	3.758	3.750	3.750	3.758	3,758	5.888	5.838	16,258	21.258
NU-3	Legal Framework for Agricultural Water Use	α	25.0		45	45		8.8				40	43	173	88
NI-A	2	a	81,645	8.358	9,158	9.450	9.688	11.475	7 700	8.575	7.558	5.175	4 629	48.825	33.628
NU-A-1	ŝ										200		4	+	
	Study Phase		6,120	758	158	750	25.0	758	659	888	087	488		. ↓	2.378
2-7-HN	Daiotacance and Instruction Pristing and Nauli	†	7.895	6,688	7.400	7.588	7.508	9.200		6.480	5,588	-	2.588	38.200	53.988
	Conmittueted Dams	-								Ī		-1			
NU-4-3	Recharged Water Effective Use Pilot Project (Study)		598	5.8	58	280	58	58	508	500	58	508	588	258	2.588
NN-5	Sub-Surtage (Underground) Dems	α	5 000	75	166	180	180	1.965	1.215	1,248	15	15	15	2.500	2.508
	Danie Sande Study	Ì	5	ę.	40.		1			Ì				0 0	
	Description of the second		200		200	9 6	84	65		1			1	2000	T
	Pilot Brolect (Construction)	1	300		1	200	-	980	289	1 995			1	200	400
	Observation and Honitorina	-	25.5		İ	36	38	12	1.5	15.5	15	. 5	15	7.5	75
		t				-							1	-	
9-MN	Ariaj	a	59,828	5.156	6,278		6.679	6.078	6.878	6,878	8.878	╃	5.578	29.670	29,358
NW-6-1			48,688	4.886	906	-	4.888	4.888	4,883	4.888	4.888	Н	1		24.888
NW-6-2	1		1.588	158	150	150	158	158	158	158	158	38:	158	758	758
0.17 P. 0	Consultation of the property o	1											+		
,	Stude	T	602	000	900	1631	128	120	128	120	1991	120	60.	900	898
	Construction	T	8.880	3	1.900	1.368	1.083	1.880	1,800	1.889	1.090	5.09	500	4.989	4.888
- 13Z	E0 18	α	18.000	889	1.906	1,890	1.800	1.809	1,800	1,988	1.888	1,866	1,860	9.838	9,888
1-2-BN	1		6.088	888	600	209	898	668	808	888	888	608	668	3,888	3.689
NN-7-2	Application the list for aflay	\dagger	12.000	1.208	. 288	1.200	1,200	1.260	1.288	1.200	1,200	1.200	1,206	6.903	6.338
8-IIN	Springs	a	4.087	378	375	378	416	430	469	465	497	446	480	1.989	2,118
NW-8-1	Improvement of Springs		3,500	358	358	360	359	358	350	350	358	350	358	1.75@	1,753
NE-8-10	Annuel Meintenance of Open Channel for Spring		587	28	25	28	99	83	58	55	57	36	118	213	368
S-MK	Erosion Control and Protection of Agricultural Land	α	6,510	7.0	760	1.040	1.838	978	559	559	540	500	200	3.878	2.643
	against Floods														
	Study Phase		416	7.9	28	50	58	58	50	80	40			278	178
	Construction Phase	1	6,188		718	866	336	920	588	500	588	500	508	3.686	2.508
NU-18	Survey and Honitoring	-	5,825		-	1.985	986	316	316	3.5	368	388	398	4.264	1,555
1-81-MN			2.200	252	212	\$15	212	212	217	217	216	912	0 (0)	1.18	1.082
	Happing Age of the Control of the Co				44			90	0	8	ç	c	8	97.0	164
2 1 2	Monitoring Network for Recharge	İ	3, 658	947	9	1 863	2	n	200	D P	35	36	200	2	
		П													
							-,		. 00	2.7	, ,		0.00	3.3	,
1 to 10 m	ההסברסגעובעו מחחחבו וסיאר	Ť	226,892	26.132	23, 117	668.79	956.62	34,836				4 4 5		_	104.401
		1				1									

Table 5.3.24 Comparison of Full Plan with 'Alternative 2' Plan
In Irrigation and Dam Sector

[<u> </u>	FULL PLAN		AL.	TERNATIVE	(2)
PROJECT Number	NAME OF PROJECT/PROGRAM	VOLUME	UNIT	TOTAL BUDGET (1000RO)	VOLUME	UNIT	TOTAL BUDGET (1000RO)
NW-1	Improvement of Irrigation System and Centrally-			60,990			42,090
	Controlled Water-Distribution System						
	Study Phase	21	Studies	2,420	21	Studies	2,420
	Pilot Project	6,500	ha	58,570	4,100	ha	39,670
NW-2	Subsidy for New Irrigation System Project for 30,000ha	30,000	ha	37,500	30,000	ha	37,500
NW-3	Legal Framework for Agricultural Water Use	3	Studies	250	3	Studies	250
NW-4	Recharge Dams			86,633			81,645
NW-4-1	Groundwater-Recharge Scheme						
1111	Study Phase	42	Dams	6,520	39	Dams	6,120
	Construction Phase	42	Dams	65,200		Dams	61,200
NH-4-2	Maintenance and Improvement of Existing and Newly	1	Item	8,413	1	Item	7,825
	Constructed Dams	ļ <u>-</u>	0112	E00		Ctudion	E00
NW-4-3	Recharged Water Effective Use Pilot Project(Study)	4	Studies	500		Studies 1	500 6.000
NW-4-4	Identification of New Groundwater-Recharge Schemes	ll	Item	6,000	1	Item	5,000
NW-5	Sub-Surface (Underground) Dams			5,000			5,000
77 3	Reconnaissance Study	1	Study	75	1	Study	75
} <u>-</u>	Preliminary Study		Study	150		Study	150
}	Feasibility Study		Study	300	2		300
 	Pilot Project(Construction)	2	Dam	4,325	2	Dam	4,325
├		1	Item	150		Item	150
	Observation and Monitoring		1 CCIII	100	<u> </u>	TCIR	
NH-6	Aflaj			113,420			59,020
NW-6-1	Repair and Maintenance of Aflaj	3,000	Aflaj	90,000	1,600	Aflaj	48,000
NY-6-2	Distribution System Improvement Pilot Project in	10	Studies	1,500	10	Studies	1,500
	Oasis(Study)						
NH-6-3	Improvement and Haintenance of Major Aflaj						
	Study	40	Studies	1,920	30	Studies	1,520
	Construction	40	Aflaj	20,000	16	Aflaj	8,000
				20.040			10,000
NW-7	Wells	10 010		30,240	0.000	11-11-	18,000
NK-7-1	Subsidy for Repair of Existing Open Wells	10,240		10,240	6,000		6,000
NW-7-2	Assistant Wells for Aflaj	500	Wells	20,000	300	Kells	12,000
NK-8	Coningo	<u> </u>		5,914			4,087
NY-8-1	Springs Improvement of Springs	300	Springs	5,250	200	Springs	3,500
NH-8-2	Annual Maintenance of Open Channel for Spring	1	Item	664		Item	587
0 1							
N-9	Erosion Control and Protection of Agricultural Land			11,510	ļ		6,510
	against Floods		01	416	1. 1.	Chudian	410
 	Study Phase		Studies	410		Studies	410
	Construction Phase	19	Projects	11,100	<u> 9</u>	Projects	6,100
NW-10	Survey and Monitoring			5,940			5,820
NW-10-1	Long-term Plan for Areal Photography and Ortho-photo	1	Item	2,200	1	Item	2,200
	Mapping	 .	The-	9 040	ļ ,	Itom	2 620
NW-10-2	Establishment and Operation of hydrological Monitoring Network for Recharge Dams	1	Item	3,740	1_	Item	3,620
 	BOHT COLLING HECMOLY TOT BECHIEF BRIDE	· · · · ·			ļ	· · · · ·	
TOTAL	DEVELOPMENT BUDGET TOTAL			357,397			259,922
			<u> </u>	<u> </u>	<u></u>	<u> </u>	

Table 5.3.25 Annual Budget of Agricultural Research Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	PR 10.	TOTAL			٩	ANNUAL	BUDGET						1981	1896
NUMBER			BUDGET	1991	1992	1993	1994	1995	1996	1987	1998	1999	2988	11895	-2886
)	(188880)									-			
NAR-1	SUPPORT FOR AGRICULTURAL RESEARCH		5,368	, 835	640	385	325	315	828	493	423	423	423	2.718	2.598
NAR-1-1	AGRICULTURAL RESEARCH FACILITIES AT	α	1,186	208	199	100	100	100	190	199	169	189	100	680	286
NAR-1-2	AGRICULTURAL RESEARCH FACILITIES AT	a	858	350	7.0	78	99	58	5.8	50	200	5.0	5.0	828	250
NAR-1-3	AGRICULTURAL RESEARCH FACILITIES AT	σ	1.000	350	130	65	65	85	99	65	65	65	98	875	325
NRR-1-4	AGRICULTURAL RESEARCH FACILITIES AT	α	999	68	388	128	99	99	68	60	89	99	63	688	388
NAR-1-5	AGRICULTURAL RESEARCH FACILITIES AT SHARBIYA	ď	858	75	43	46	40	40	383	78	181	73	7.8	235	615
NAR-1-6	AGRICULTURAL RESEARCH FACILITIES AT	a	600						250	148	7.0	7.0	7.0	6	688
0	The state of the s														
NHK-Z		1	5.600	875	898	410	286	250	485	570	640	415	415	3,875	2,525
NAK-2-1		σ	800	215	65	65	85	65	65	65	69	65	65	475	325
NAR~2-2	TOXICOLOGY LABORATORY (RUMAIS)	σ	360	75	188	38	12	15	13	13	13	13	13	235	65
NAR-2-3	SEED AND TUBER PRODUCTION RESEARCH UNIT (RUMAIS)	a	650		20	20	23	10	255		125	100	186	7.0	580
NAR-2-4		α	808	388	75	7.5	7.5	75	40	48	97	48	43	689	288
NDR-2-8	LIBRARY AND DOCUMENTATION CENTER (RUMAIS)	Œ	250	~	160	33	25	52	۲۷	2	0	2	2	240	18
NAR-2-6	NAR-2-6 PLANT WATER REQUIREMENT DETERMINATION UNIT (SALALAH)	а	189		100									188	8
NAR-2-7	MEDICAL AND PERFUNE PLANT RESEARCH UNIT (SALALAH)	α	75		•				15	15	15	15	15	69	75
NAR-2-8		α	100			2 8	28			1				188	හ
NAR-2-9	NAR-2-9 SALT TOLERANT PLANTS AND HALOPHYTES RESEARCH UNITS (RUMAIS)	Д	059				100	160		150	100	188	100	200	458
NAR-2-1	NAR-2-10HONEY BEE LABORATORY (RUMAIS)	Œ	208	88	52	52	28	28	29	1.8	10	18	1.8	148	89
NAR-2-1	NAR-2-11HONEY BEE RESEARCH UNIT (SALALAH)	Œ	100	20	1.5	10	18	1.0	10	1.8	s	ន	5	65	35
NAR-2-1	NAR-2-12HONEY BEE RESEARCH UNIT (JEMMAH)	α	22	91	15	10	ιΩ	ß	ភ	£	វេ	ភ	2	50	25
NAR-2-1	30ATE PALM RESEARCH UNIT (RUMAIS)	α	1,588	208	115	98	195	195	68	268	268	68	69	896	788
NEK- W	DEUELOPMENT		2.000	128	278	295	195	168	288	273	143	138	138	1.949	968
NAR-3-1	DEUELOPMENT	σ	200			28	45	4.8	19	139	6	O)	S	135	65
NAR-3-2	삥	а	398	128	40	38	20	1.0	30	28	18	1.0	19	859	88
NAR-3-3		ď	150		40	28	28	20	မ	18	16	٥	ø	199	50.
NRR-3-4	SEVELOPMENT OF	α	400		150	88	40	30	20	20	28	28	29	300	196
NAR-3-5	SEUELOPMENT OF	ъ	150		4.8	26	20	20	18	16	ω	9	ω	186	29
NAR-3-6	DEUELOPMENT OF EXPERIMENTAL	σ	150			92	25	25	4	4	6	14	4	115	35
NAR-3-7	DEUELOPMENT OF EXPERIMENTAL FARM AT	α	189			ae B	25	15	6	Ö	80	13	6	7.0	36
NAR-3-8	DEUELOPMENT OF EXPERIMENTAL FARM AT	Œ	380					-	190	36	38	52	52	6	380
NDK-3-9	DEUELOPMENT OF EXPERIMENTAL FARM AT DNAHIRA	Œ	250				1	-	1	145	32	35	32	8	258
1	WYCOCOCK TITULESCOKE CONTROL	-				- 1	-	-	18	. 6		-	6		- I
A I Y	TOKEN XIIITANOCENER YAQUKHI	a	2.838	202	200	992	59 N	992	988	200	288	202	268	1.838	1,838
NAR-5	ESTABLISHMENT OF LOCUST SURUEY AND CENTRAL UNIT (RUMAIS, ALL REGION)	α	2.030	200	200	200	288	288	288	200	200	290	200	1.888	1.898
NAR-6	SOIL SURUEYS	a	1.300		200	288	288	208	199	183	188	188	188	808	500
	1								+			- [,		ŀ
10101	DECELOPMENT SUBSET TOTAL		18,262	2.430	2,290	1 700 1	1.780	585	2.161	836	1,706 1	.475	1.456	9.625	8.575
									į			1			

Table 5.3.26 Annual Budget of Agricultural Extension Sector - 10-Year Plan (Alternative 2)

NUMBER NPFF1	こまどうりとし きょうりどし こう はこまち	PR10.	TOTAL			Œ	ANNUAL	SUDGET						1.991	98811
		_	BUDGET	1991	1992	1993	1994	1995	1996	1897	1938	1999	2959	96611	-2088
			(1DBBRD)												
	IMPROVEMENT AND DEVELOPMENT OF EXTENSION CENTERS AND FACILITIES		3.528	764	794	744	634	584	-	-	-			3.520	පා
NAE-1-1 ESTE	NAE-1-1 ESTABLISHMENT OF EXTENSION CENTERS IN RENOTE AREA		400	180	158	188	8.0							400	is)
NAE-1-2 INPR	NAE-1-2 IMPROUGHENT OF EXTENSION CENTER FACILITIES	σ	1,620	364	344	344	284	284	-		-			1,520	ઇ
NAE-1-3 DEUE	DEUELOPMENT OF AGRICULTURAL TECHNOLOGY INFORMATION UNITS (ATIU)	Œ	1.500	300	368	308	308	388						.588	8
		L				-									
NAE-2 ESTA	ESTABLISHMENT OF DEUELOPMENT SUPPORT COMMUNICATION CENTER (DSCC)	ď	1.198	7.02	258	212	15	9	_					1.198	83
											<u>-</u> -				
NAE-3 TRAI	TRAINING OF RESEARCHERS, EXTENSION STAFF AND STATISTICS STAFF	σ	2,520	689	204	204	284	234	284	204	284	284	284	1.533	1.817
						-					ļ .	-			
NAE-4 INTE	INTENSIVE EXTENSION GUIDANCE PROGRAM		15.828	1.582 !	1.582 1	, 582 1	1.585.1	582	. 582 1	1.582	1.582	1,582 1	. 582	7.918	7.918
NAE-4-1 SUPP	19E-4-1 SUPPORTING KEY FARMER EXTENSION PROGRAM	σ	3.008	366	399	300	396	388	388	386	388	388	300	1.530	1.588
NAE-4-2 DATE	NAE-4-2 DATE PALM REHABILITATION & IMPROVEMENT PRORGRAM	σ	11.828	1.182	1.182 1	182 1	1 281 1	1.182	1, 182 1	1.182	1, 182 1	1, 182 1	1.182	5.918	5.910
NAE-4-3 PROL	PACE-4-3 PROUISION OF INPUTS FOR EXPERIMENTAL PURPOSES	α	1.090	188	180	188	180	1.00	100	201	100	199	169	209	590
						Γ								-	
TOTAL DE	DEUELOPMENT BUDGET TOTAL		23,050	3,737	2,838 2	2,742 2	2,432 2	2.376	1.786	1.786	1,786 1	1.786 1	1,786 1	14,123	8.927

Table 5.3.27 Annual Budget of Agricultural Production Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	PRIO	PRIO. TOTAL				RNNUBL	Bunge					ŀ	1001	1001
NUMBER		_	BUDGET	1991	1992	1993	1994	1995	1996	1997	1998	19991	2808	1005	200
			(1888RD)										-∤		222
NBR-1	COLLECTION AND ORGANIZATION OF AGRICULTURAL STATISTICS		2,068		639	225	121		300	350	5.0	T	-	360	200
NAR-1-1	MAR-1-1 MGRICULTURAL CENSUS	G.	1,488	380	350	26			300	358	e s	†	+	286	200
NAR-1-2	NAR-1-2 HANUAL UPDRIE OF IMPORTANT AGRICULTURAL STATISTICS	Œ	660	84	289	175	121							999	
NAR-2	BGRICH TURRE EXHIBITION AND FRATEUR		007	200	3			Š	1	,					
1.30-2-1	4 0 0 0 0 0		1,460	?	90	•	707	2	63	292	20	63	262	700	709
0 00	CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR	Ξ,	300	225		13	212	_	13 (212		13	212	459	459
7-7-444	MA-Z-Z DOMESTIC HUNICOLIUREL FESTIVAL	G	500	50	56	. 50	50	20	20	58	5.0	56	58	250	258
									-						
NHH	MINITONE, PROJECT FOR PLANT PROTECTION AND RERIAL SPRAY	Œ	7,588	1,000	1,000,1	1 626	686 1	999	500	520	566	500	588	5.686	2,588
0 100%	ļ	-		ŀ	1									-	
	HENLIULIUMME GEUNNOLUGY INNNSPER PROJECT TO FARMERS	4	10,000	1,039	1,000,1	,000	906	, 900	689,1	., 000	, ରଉଡ	. 338 1	838	5,000	5,838
						1									
	1000 4040	.										-			
	TALL OF BEING	-	29,960	2,659	2,689	2,288	2,383	050	1,863	2,112	609	,563 1	762	2.868	8,900
		-					1	1	1			1			
1-068	DEVELOPMENT & TAPROCHARN OF PLANT DESCRIPTION	a	000	000	000		5	†	1	1		1		-	ĺ
			202	200	2	000	202			1	1	Ť	1	28.6	
								Ì		ŀ	1				
10101	DEVELOPMENT BUDGET TOTAL		21,860	2,859	3,686	2,388	2.583 2	959	863	2.112	688	563 1	762	2 968	8.948
													т	-1	

Table 5.3.28 Annual Budget of Livestock Sector

- 10-Year Plan (Alternative 2)

Table 5.3.29 Annual Budget of Distribution Sector - 10-Year Plan

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(Alternative

1986 --2088

288 3.283 3.283 3.283 8.283 689 4.576 328 3.861 15.387 14.678 2,818 14,298 2,528 3,822 2,526 224 388 9.9 1,228 468 9,689 1,869 189 1981 2888 -1885 1999 698 4, 888 4, 578 3,688 1998 98 258 229 4.698 3.822 158 388 2,526 126 3,203 3,203 3,203 388 388 1894 48 66 288 243 158 98 984 288 616 38,887 1,868 1,228 MHSSE-2 SEEB PHASE-1 PASSE-2 SEEB PHASE-2 SEEB PHASE-2 SEEB PHASE-2 SALALAN MH-3-5 STUDY & D.ON LOCAL WHOLESALE HARKET WH-3-5 CONSTRUCTION OF LOCAL WHOLESALE HARKET PHASE-1 SOWAN MH-3-6 CONSTRUCTION OF LOCAL WHOLESALE MARKET (SUPERVISION BY CONSULTANT) PHASE-1 SOWAN MH-3-6 CONSTRUCTION OF LOCAL WHOLESALE MARKET (SUPERVISION BY CONSULTANT) PHASE-1 SOWAN MH-3-6 CONSTRUCTION OF LOCAL WHOLESALE MARKET MASE-2 SUR MHASE-2 SUR MHASE-2 SUR MHASE-2 SUR MHASE-2 SUR MHASE-2 SUR α αα a PREPARATION & PUBLICATION OF SUPPLY AND DEMAND FORCAST (SUPPORT) MEASURES FOR ADJUSTMENT OF SUPPLY AND DEMAND (STUDY) NH-8 STRENGTH PROGRAM FOR MAIN DISTRBUTION CHANNELS IN PAMAP (STUDY) NH-18 STRENGTH PROGRAM FOR MAIN DISTRBUTION CHANNELS IN PAMAP NN-8 ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS (SUPPORT) NH-8-1 ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS (SUPPORT) NH-8-2 ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS (EQUIPMENT) NN-3 CONSTRUCTION AND OPERATION OF WHOLESALE MARKET NN-3-1 CONSTRUCTION OF WHOLESALE MARKET PHASE-1 FUTTRAH PHASE-2 SALALM NN-3-2 CONSTRUCTION OF WHOLESALE MARKET (SUPERVISION BY CONSULTANT) PHASE-1 SEEB HH-3-3 TRAINING STAFFS FOR OPERATION OF WHOLESALE MARKETS (SUPPORT) NH-2-: PILOI WHOLESBLE IBRKET NH-2-: DEERATION OF PILOI WHOLESGLE TBRKET (SUPPORT BY CONSULIGNT) NH-2-: DEETAIL DESIGN ON WHOLESGLE BARKET NR-1 ESTABLISHMENT OF WHOLESALE MARKET (STUDY) NR-1-1 STUDY ON ESTABLISHING WHOLESALE MARKET NR-1-2 STUDY ON EXPANION OF DISTRIBUTION UOLUME IN PAHAP NR-1-3 IMPLEMENTATION ON EXPANSION OF DESTRIBUTION UOLUME IN PAHAP NR-1-3 IMPLEMENTATION ON EXPANSION OF DESTRIBUTION OF THE PILOT NR-1-4 TRAINING STAFFS OF PAHAP FOR INPLEMENTATION OF THE PILOT SALALAN SUBSIDY FOR REMUNERATION OF OPERATION IN UNQLESALE MARKET PHASE-1 MUTIRAN PHASE-2 SEEB STABLISHMENT OF SHIPPING DRGANIZATION FOR FARMERS (STUBY) MIN-4-1 BASIC DATA COLLECTING PROGRAM (STUDY) MIN-4-1 BASIC DATA COLLECTING PROGRAM (STUDY) MIN-4-2 BASIC DATA COLLECTING PROGRAM (SUPPORT) MIN-4-3 BASIC DATA COLLECTING PROGRAM (SUPPORT BY CONSULTANT) MIN-4-4 PREPARATION & PUBLICATION OF SUPPORT AND DEMAND FORCAST MIN-4-5 INTRODUCTION FOR PRICING POLICY (STUDY) OF PROJECT/PROGRAM DEVELOPMENT BUDGET TOTAL NM-8-8 NA-5 SUBTOTAL 107

Table 5.3.30 Annual Budget of Agricultural Produce Processing Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	9810.	PRIO. TOTAL					ANNUAL BUDGET	BUDGET					1881	1386
NUMBER		: .	BUDGET	1881	1892	1993	1994	1995	1986	1997	8661	1999	2002	-1995	-2888
			(139080)												
1-dk	Establishment of Private Company for Agro-Industry and	α	5.188	180	2,500	2.508								5,189	
	Supply of Agricultural Inputs and Services														
NP-2	Establishment of Agro-Industrial Complex for Processing of	α	1.410	148	438	406	158		13	120	18	128		1.134	276
	Dates, Limes and Tomatoes											-	-		
NP-3	Establishment of Pickling and Vinegar-Processing Plant	α	1,782	132	1,482				1.3	155		_	_	1.614	168
													_		
NP-4	Establishment of Coconut-Processing Plant	a	2.626	1.398	152	412	472	288						2.626	
	Coconut Farm		2.188	1,398	138	168	228	288			_			2.130	
	Coconut-Processing Plant		526		22	252	252							929	
											_			_	
OTAL	DEUELOPMENT BUDGET TOTAL		10.918	1.778	4,564	3,318	622	280	31	275	18	128		10.474	444
		-													

Table 5.3.31 Annual Budget of Inter-Sectoral Project

- 10-Year Plan (Alternative 2)

ROJECT	NAME OF PROJECT/PROGRAM	PRIG.	TOTAL					ANNUA!	BUDGET					1991	1996
UMBER		_	BUDGET	1991	1992	1993	1994	1995	1996	1937	1998	1999	2029	-1995	-2009
			(1888RO)												
1-1	Integrated Agricultural Development Project in Nejd	a	16.553	1,655	1.655	1,655	3,311	4,966	3.311					13,242	3,311
	1) Pilot Farm (5gha)	T	1,655	1.655										1.655	
	2) Main Development Project (458ha)		14,898		1,655	1,655	3.311	4.966	3.311					11,587	3,311
2-1	Improvement and Maintenance of MAF Pacilities	α	20.991	5,835	5.896	3,680	880	888	898	880	880	008	890	16.931	4.800
	1) Ministry Suilding		5,191	2,595	2.596									5,191	
	2) Office Building for Directorate General of Agriculture		7.808	2.583	2.503	2.893								7.803	
	in 6 Regions														
	3) Separate Consolidated Allocation for All Consultancies		9,668	808	888	308	888	880	899	888	883	800	800	4.608	4.338
1-1	Citizen's Compensation against Natural Crisis	α	3.008	388	380	386	388	388	300	300	202	308	309	1.582	1.588
1-2	Haster Plan for Development of Date Paim Cultivation	α	688	698										680	
DIAL	DEUELOPMENT BUDGET TOTAL		41.144	8.458	7,851	5.555	4,411	6.066	4.411	1.100	1 186	1,169	1,190	32,333	8.811
		_													

Table 5.3.32 Regional Budget Total - 10-Year Plan (Alternative 2)

HUSANDAH	3.828		375	2.458			128		:	119	188				99.	90	46		284			8.8		488	41	7.1	150	288		212	000			13	Ŀ	2		10			1.8		185				1	1.492		1	99	12	
JANUSIYA	13,358		2,250	1,445	32		180	4.887	525	296	2.985	1.036	275		2	600	99	786	283			334		916	124	7.1	525	768	468	81.575	3.55	179	2,131	6.988		6.136	802	4.694	601.7	165	1 748	2,713	ES1		٠.		2,626	18.451	16.553]_	96	91	
DHAHIRA	33,918		3.375	11.873	35	11,118	4.208		85	733	1.409	633			867	200	208	158	3.326			285	00,	2.400	206	7.1	675	900	203	296.	262 7	36		109		2,547	276	3.087	200	165	455	510	518					2,418	0 00.0		366	99	
REGION DAKHL!YA	3.999		5.258	13.367	2,130	22,230	3,248		4,799	1.263	2.185	858	75		200	280	280	: 50	737			328		3.200	288	7.1	825	1.188	707 0	8.464	0 640	30	1.473	199	376	3.606	230	2,745	20011	165	868	1.293	>14	10,	487	8.4		2.874	040 6	9	827	84	
SHARQ1YR	32,143		4,875	8,488	35	9.958	4,568		959	199	2.850	859			age	308	388	380	561			285		3,808	388	71	1.858	1,408		T.071	2 347	38		188		3.424	276	2.843	700.1	165	1987	765	292					2,998	200	2.438	456	36	
Вятінян	113,891		28.625	39.389	2,765	13,318	5.588		989	2,649	9.248	2,800	5.250		200	005	1.040		8.835			1,145		4,850	1.830	1.2	4.050	5,403		15, 384	007.	1.70	2.446	186		5.027	575	6.235	004	397	3,371	4.009	2,652		465	168		7.282		014	1,568	315	
ниѕсят	8.277		750	4 76.5		2.429	128			222	168					36	90		172		1,195	77		926	62	971	225	306	300	2,328	400			91	983	382	69	10.372	444	991	2.520	1,468	284		0.	1887		5.655	- 1	1,51	120	34	
TOTAL BUDGET	259, \$22		37.588	91.645	5,000	59.650	18,006	4.087	6,519	5 826	38.260	5,300	5,690		2,000	2.000	2,000	1,308	3.528		1,198	2,520		15.820	2.080		7.588	H	636	74.576	3,552	629	6.050	7,684	1.359	21.655	2.301	36.867	10,320	1.220	10,017	10.918	5.188		. 4.39	1,782	2.626	41.164	16.553	86 92	3.000	909	
T NAME OF PROJECT-PROGRAM	Improvement of irrigation System and Centrally-	Controlled Mater-Distribution System	pation System Pro	Recharge Debu	Sub-surface (Underground) Dams	nile.	uells.		Erosion Control and Protection of Agricultural tand	ספירטי שהם אסטירטיים		Support for Agricultural Research Stations	t of New Research Unit		- Nove-tobalent and human-tungent of hypertagones forest	Forestry-Improvement Program	Establishment of Locust Survey and Contral Unit	Soil Surveys	Improvement and Dovelopment of Extension Centers and		Establishment of Development Support Communication	Iraining of Researchers, Extension Staff and Statistics	Staff	EXCOUSION	Collection and Organization of Apricultural Statistics	Springltural Exhibitions and Postivals	National Project for Plant Protection and Aerial Spraying	Agricultural Technology Transfer to Fermers Project	Development and laprovement of Plant Quarentine		Called Marity and Planes Contact to Southern Region	onk fixtagaige Davelopsest 9	Livestock Research Development Project	Livestock fishketing laprovement Project	ook input Company Project	Small Form Development Support Project	Livestock Specialized Services Program		Care in and Desert Consert of Daries Departed	Establishest of Shroping Organization for Farsons				cultural inputs and	Establishment of Apro-Industrial Complex for Processing - of Dates, Limes and Tomstoon	, b	of Cocedut-Processing		Integrated Apricultural Development Project in No.1d	Data to the Despite 1 Designed	Cilinan's Cospensetion spainst Natural Crisis	dester Plan for Development of Date Palm Cultivalion	
PROJECT	- NZ		2-2	2 2	NP-5	9-72 72	7-VN	8-42 20-8	o 1 2 2	-13		1-8AN	NAR-2		S-XHV	NAR-4	NAR-5	NRR-6	NAE-1		NAE-2	NAE-3		N P P P	-agN	N98-2	NBA-3	A88-4	1-96N		2 2	2 2	-8-N	- H	RLL-3	NL L 4	N-1-5		C I ON	NO 13	NO-14		1-dN	9	Z 2	£-9⊀	NP-4	Ц	C	7 S		2-10	
SECTOR	Irrigation and Dam									-		Agricultural	Research						Boricultural	Extension			-		Agriculturel	Production					L-Vestock .								101100 ATE 0				Agricultural Produce	Processing :					Inter-Sectors!				

Table 5.3.33 Regional Budget of Irrigation and Dam Sector

- 10-Year Plan (Alternative 2)

Number Number Controlled March Controlled M	PROJECT	NAME OF PROJECT/PROGRAM	PR 10.					REGION			
Indicovament of Irridation Sustan and Centrally	NUMBER			•	HUSCAT	HAN:TA	SHARQIYA	DAKHLIYA	DHAHIRA	SHARQIYADAKHLIYADHAHIRAJANUBIYAMUSANDAR	USANDAM
Subsidiary Controlled Water-Intention System and Centrolled Water-Intention System and Centrolled Water-Intention System and Centrolled Water-Intention System Project (or 30.000h)			}	() BGBRO)							
Subsidy Phase(P-S-F-S)	-32	Improvament of Irrigotion Overton and Controlly-	Œ	42,696		27,360	3.860	3 988	2.550	4.629	
Subsidy for New Infication System Project for 30,080he A 97,508 750 28,825 10 128			Ŀ	2.420		050	36.0	590	280	90	
Subsidification System Project for 30,000hp A 37,500 750 22,025 128		Pilot Project	L	39.878		27,668	2,788	3,388	2,173	4.508	
Subsidy for New Irridation System Project for 30,900 to 250 10 128											
Recharge Dasa	NM-2	for New Innigation System Project for	ll	37,500	750	20.625	4,875	5,258	3,375	2,250	375
Recharge Days Recharge Day											
Construction Page Construction Caracteristics Construction Caracteristics Carac	3	Agricultural Water	a	250	=	128	38	32	25	8	g.
	4-32	Recharge Dans	α	81,645	4.755	39,389	8.488	13.367	11.873	1.445	2,408
Study Phase Study Phase Construction Phase Construction Phase Construction Phase Construction Phase Construction and Improvement of Existing and Newly 7.825 295 3.249	NW-4-1	Groundwater-Recharge Scheme									
Construction Phase Construction Phase Construction Phase Construction Phase Constructed Dama Construction		Study Phase		6.120	410	3, 198	620	Į į	540	188	218
		Construction Phase		81.288	4,003	32.800	6.998	19,208	5,286	1.983	2.900
	NW-4-2	Maintenance and improvement of Existing and Newly		7.825	295	3,249	738	2.067	1,033	295	148
Sub-Surface Under Early Dear Construction		Constructed Dest								;	
Stb-Surface Underground Dams Stb-Surface Underground Dams Stb-Surface Underground Dams Stb-Surface Underground Dams State Stat	NE-4-4	depti()cetion of Net Groundesteribecharce Schoese	ŀ	226	20	158	1 999	28	2000	a o	96
Sub-Surface (Underground) Dasa Februarian Fig. Fig. Februarian Fig.				30.0	Ť		000		300		
Reconneigaence Study 150 56 56 56 56 56 56 56	NH-5	Sub-Surface (Underground) Dams	a	5.000		2,765	35	2,130	35	35	
Preliminary Study 150 15		Reconne asence Study	L	75		35	1.0	1.03	10	9-	
February February 1989 289		Preliminary Study		150		5.0	52	25	25	25	
Pilot Project (Construction)		Fessibility Study		366		209		189			
Affaj		Pilot Project (Construction)		4,325		2,425		1,900		-	
## Repair and Naintenance of #flej Repair and Naintenance of #flej Selection 1,500 2,420 19,310		Observation and Monitoring		150		55		95			
# A flat -1											
Repair and Maintenance of Maja 1,500 1,500 300	9-3 3	D(la)	α	59,820	2,426	13,310	9,950	22.230	11,110		
1 1 1 1 1 1 1 1 1 1	NW-6-1			48.886	2,436	10.550	7,298	18.240	9.620		
Straing	2-9-82	Improvement Pilot Project		1.580		300	300	689	2000		
Study 1,520 20 450 1,000 1	NW-6-3	and Maintenance of Major	L								
Construction Cons		Study		1.520	20	458	458	388	210		
Subaidy for Repair of Existing Open Helis - 6,888 120 5,588		Construction		8.000		2.838	2,083	3,668	1.883		
Wells	,										
Consistent Wells for Affa; Control Contr	- NO.		æ	19.000	150	8,588	4.568	3.248	4	186	123
Springs	1 1 1 1	01 EX 181 110		6.668	128	3, 186	958	948	9 6	186	120
Springs Springs A 4.887 Springs A 4.887 Springs Annual Maintenance of Open Channel for Spring S87 S87 September S97 September S97 September S97 September S97	7-1-45	מפונה בפו הוופנה היופנה		15,000		2.490	3.600	2,466	30.5		
Improvement of Springs 3.500	8-1N	Springs	4	4.887						4.887	
Erosion Control and Protection of Agricultural Land A 6.510 Erosion Control and Protection of Agricultural Land A 6.510 Study Phase Construction Phase Survey and Monitoring Tapping Tapping Establishment and Operation of hydrological 3.620 137 Honitoring Natural for Real Photography and Ortho-photo 8.200 137	NU-8-1	Japonovesent of Springs		3.500						3.588	
Erosian Control and Protection of Agricultural Land A 6.510 Study Phase Construction Phase Survey and Monitoring Survey and Monitoring Tabbing Establishment and Operation of hydrological 3.620 137 Establishment and Operation of hydrological 3.620 137	218-37	Annuel Meintenance of Open Channel for Spring		287						587	
Study Phase Study Phase Study Phase Construction Phase Survey and Monitoring Long-term Plan for Areal Photography and Ortho-photo Repsing Establishment and Operation of hydrological 3,620 137 Honitoring Natuork for Recharge Dama	6-NN	Erosion Control and Protection of Agriculture! Land	ď	6.510		289	550	4.788	28	525	
Study Phese Construction Phase Construction Phase Survey and Monitoring Survey and Monitoring Leng-transplant for Areal Photography and Ortho-photo 2.288 85.820 Tabbing Tabbing Honitoring Naturark for Recharge Dams		spainst Floods									
Survey and Monitoring Survey and Monitoring Survey and Monitoring Survey and Monitoring Survey and Monitoring Survey and Monitoring Survey and Monitoring Survey and Monitoring Survey and Ortho-photo Survey and Monitoring Network for Recharge Dama		Study Phese		418		185	5.0	100	99	25	
Survey and Monitoring 5-1 Long-term Plan for Rreal Photography and Ortho-photo 2,208 85 Tepping Tepping Testablishment and Operation of hydrological 3,620 187 Honitoring Network for Recharge Dama		Construction Phase		801.9		520	200	4.608		200	
1-1 Long-term Pien for Gree! Photography and Ortho-photo 2,208 55 Tepping Testing Network for Recharge Dama Honitoring Network for Recharge Dama	21-3N	Survey 206 Monitoring	ŀ	000	000	0 240	587	1.263	298	280	1:9
Tepping Establishment and Operation of hydrological 3,620 (37 Honitorine Network for Recharge Dama	7 - 12	CACATANA DISC TO CONTRACT OF C	1	0.000		20,0	900	200	000	23	ű
Establishment and Operation of hydrological 3,620 137 Monitoring Network for Recharge Dams		000000000000000000000000000000000000000		2,000	2	7 1	226	3	111	?	
for Recharge Dama	NW-:0-2	and Operation of		3.620	137	1.502	342	926	478	137	83
		for Recharge Dan									
The state of the s											
TOTAL NELIGIODERNI GILDAET TAYAL	TOTOL	LOYOF TORON TARGOLD		000 000	200		0,000	9 0 0	0.00	2 2 2 6	2 0.20
\dagger	0 46	מבסברסגוננאו מסמפבו וסואר		Nog. ANN	A, 277	199 61	32. 43		0 . 7 . 7 . 7 . 7	200	31.00

Table 5.3.34 Regional Budget of Agricultural Research Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	PR10.	TOTAL				REG10N			
NUMBER			느	MUSCAT BATINAH		HAROIYAD	AKHLIYAD	HAHIRA U	SHAROIYADAKHLIYADHAHIRA JANUBIYANUSANDAN	SANDAM
			(100080)							
NAR-1	SUPPORT FOR AGRICULTURAL RESEARCH S		5.388		2.000	850	859	688	1.888	
NBR-1-1	AGRICULTURAL RESEARCH FACILITIES	Œ	1.138		1.166					
NAR-1-2	F.	Œ	858				858			
NAR-1-3	H.	α	1.888						1.808	
NAR-1-4	ρŢ	α	886		988					
NAR-1-5	F.	a	858			850				
NAR-1-6	AGRICULTURAL RESEARCH FACILITIES AT DHAHIRA	a	688					ଚନ୍ଦ		
NAR-2	NAR-2 ESTABLISHMENT OF NEW RESEARCH UNITS AND LABORATORIES		5,600		5,250		75		275	
NAR-2-1	ΙZ	α	208		908	-				
NAR-2-2	TOXICOLOGY LABORATORY (RUMAIS)	α	396		300					
NAR-2-3	SEED AND TUBER PRODUCTION RESEARCH UNIT (RUMAIS)	α	650	-	658					
NAR-2-4	SISATE	a	800	-	800					
NAR-2-5	LIBRARY AND DOCUMENTATION CENTER (RUMAIS)	Œ	250		250					
NAR-2-6	PLANT WATER REQUIREMENT DETERMINATION UNIT (SALALAH)	Œ	188						198	
N98-2-7	G.	α	75						75	
NAR-2-8	DISEASE AND PEST FORECASTING UNIT (RUMAIS)	α	1 68		188		-			
NAR-2-9	SALT TOLERANT PLANTS AND HALOPHYTES RESEARCH UNITS (RUMAIS)	Œ	650		858					
NAR-2-12	NAR-2-18HONEY BEE LABORATORY (RUNAIS)	Œ	200		208					
NAR-2-11	NAR-2-11HONEY BEE RESEARCH UNIT (SALALAH)	Œ	130						199	
NAR-2-12	NAR-2-12HONEY BEE RESEARCH UNIT (JEMMAH)	α	7.5				75			
NAR-2-13	NDATE PALM RESEARCH UNIT (RUMAIS)	ч	1.588:		1.530					
NAR-3			2.000		458	338	550	258	358	188
NAR-3-1	DEUELOPMENT OF ARABIC COFFEE EXPERIMENTAL FARM IN SALALAH	Œ	200	-					200	
NAR-3-2	DEVELOPMENT OF NURSERIES AT RUMAIS AND BARKA	α	388	-	300					
NAR-3-3	DEUELOPMENT OF NURSERIES AT SOHAR	α	150		150					
NAR-3-4	DEUELOPMENT OF NURSERIES IN INTERIOR	Œ	466			-	400			
NAR-3-5	DEUELOPMENT OF NURSERIES IN SOUTHERN REGION	α	150						150	
NAR-3-8	DEUELOPMENT OF EXPERIMENTAL FARM AT WAD! QURIYAT	α	150				158			
N98-3-7	NGR-3-7 DEUELOPMENT OF EXPERIMENTAL FARM AT MUSANDAM	α	180							180
NAR-3-8	DEUELOPMENT OF EXPERIMENTAL FARM AT SHARAIYA	a	388			386				
NAR-3-9	DEUELOPMENT OF EXPERIMENTAL FARM AT DHAHIRA	Œ	250					250		
NPR-4	FORESTRY-IMPROUEMENT PROGRAM	α	2.838	88	500	308	280	200	600	48
NAR-S	ESTABLISHMENT OF LOCIST SIRVEY OND CENTRAL LINIT (RIMAIS ALL REGION)	a	9.00	62	676	66.6	88	288	88	48
		1.	_	1						
NAR-6	SOIL SURVEYS	ď	1.300			388	150	158	788	
101	1			,	,	14		000	- 18	
H C I H C	DECELOPMENT BUDGET TOTAL		18.286	102	9.240	2,658	2,185	1.400	, 880 N	180
		ļ								

Table 5.3.35 Regional Budget of Agricultural Extension Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	PR10. TOTAL	TOTAL				REGION			[
NUMBER			BUDGET [MUSCAT BATINAH	BATINAH	SHAROIYA	DAKHL IYA	DHAH!RA	SHAROTY ADAKHLIY ADHAHIRA JANUBIY AMUSANDAN	USANDAN
			(1966R0)						-	
NGE-1	INPROVEMENT AND DEVELOPMENT OF EXTENSION CENTERS AND FACILITIES		3.520	172	340	195	737	643	283	284
NAE-1-1	NAE-1-1 ESTABLISHMENT OF EXTENSION CENTERS IN RENOTE AREA	ď	468			58	186	150		188
NAE-1-2	NAG-1-2 INPROVENENT OF EXTENSION CENTER FACILITIES	Œ	1.628	72	540	211	287	243	183	84
NAE-1-3	NAE-1-3 DEVELOPMENT OF AGRICULTURAL TECHNOLOGY INFORMATION UNITS (ATIU)	α	1.588	100	380	306	358	258	108	100
			-			-				
NAE-2	ESTABLISHMENT OF DEVELOPMENT SUPPORT COMMUNICATION CENTER (DSCC)	α	1,198	1.198						
			-	-					 !	
NOE-3	TRAINING OF RESEARCHERS. EXTENSION STAFF AND STATISTICS STAFF	α	2.528	7.7	1.145	265	326	285	334	88
			-							
NRE-4	INTENSIVE EXTENSION GUIDANCE PROGRAM		15.820	528	4.350	3.308	3.258	2.400	518	480
NAE-4-1	SUPPORTING KEY FARMER EXTENSION PROGRAM	α	3.000	001	1.483	450	420	388	278	80
NAE-4-2	NOE-4-2 ORTE PALM REHABILITATION & IMPROVEMENT PRORGRAM	α	11,820	409	3.000	3.288	2.709	2,000	120	400
NAE-4-3	NACE-4-3 PROUISION OF INPUTS FOR EXPERIMENTAL PURPOSES	α	1.883	20	450	150	148	199	128	20
			-							
								1		-
TOTAL	DEVELOPMENT BUDGET TOTAL		23.658	1.959	6.835	4.626	4.323	3.328	1,127	852

Table 5.3.36 Regional Budget of Agricultural Production Sector - 10-Year Plan (Alternative 2)

PROJECT	NAME OF PROJECT/PROGRAM	PRIO.	TOTAL				REGION			
NUMBER				MUSCAT	BRIINAH	SHAROIYADAKHLIYADHAHIRA	RKHL IVE		JANUS I Y FAUSANDAM	MAGNES
			(100080)							
ABB	COLLECTION AND ORGANIZATION OF RESICULTURAL STRITTES		2.959	62	1,930	309	288	206	124	4.1
NRS-1-1	NAR-1-1 RGRICULTURAL CENSUS	α	1.436		788	012	196	140	84	28
NA8-1-2	NAR-1-2 ANNUAL UPDATE OF IMPORTANT AGRICULTURAL STATISTICS	В	999		330	66	9.5	99	48	13
6	- 1									
Z HHV	N RND PESTIV		1,489	971	71	7:	11.	16	7.1	71
NAR-2-1	NHH-2-1 INTERNATIONAL AGRICULTURE AND FOOD EXHIBITION	œ	996	006		- 4				
N88 - 2 - 2	DOMESTIC AGRICULTURAL	Œ	Sea	7.1	7.	71.	71	71	7.1	71
NBA-3	NATIONAL PROJECT FOR PLANT PROTECTION AND AFAIAL SPRAY	Œ	7.580	225	4,959	1.358	825	675	525	150
		-					_			
r.B.B4	RGRICULTURAL IECHNOLOGY TRANSFER PROJECT TO FARMERS	α	10,000	388	5,400	1,488	1,100	660	766	293
	ACO TOTO!									
	100 No. 100 No		20,960	1,558	13,551	2,830	2,285	1,852	1,426	463
				-		+-				
280-1	DEVELOPMENT & IMPROVEMENT OF PLANT GUARANTINE	Œ	206	369				290	209	-
		-								
10707	BEVELOPMENT REPORT TOTOL		3	1000	2	200	000	. 608	- 050	
1	ור		21,866	1,056	100/31	2,330	58377	7:035	17550	425

Table 5.3.37 Regional Budget of Livestock Sector - 10-Year Plan (Alternative 2)

	Period	Muscati	MuscatBatinah SharaiyaDakhliyaDhahira JanubiyaMusandum	haraiya	Jakhli vej	Shahira	Janubiyar	Tusendum	Total
I									
00:84							3.552		3.552
shaent of Rengeland	2						ଓ ଅଟେ ଅଟେ		352
@ Grazing Control	1.0						3,288		3.200
4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		200	400	2 007	0 8 8 0	11 12 12 13	11 600		000
TO STEED ARREST OF THE STE	·	200	0 00	1	20.4	000	4 4 4 4		01111
**************************************	5 6	9	0 C	C	L	0 0	0 0		2 0
SOLUTION TOBOLCH	n		0	o D	9	o o	0		0
Laboratory De	.1		436				333		eo eo
CCPP Vacoine	8	:	හ ග						86
	9:	683	6.029	2.414	2.812	2,414	7.848	683	28,115
Supplies of Veterinary	18	1 38	1,588	728	638	728	2.130	180	6.838
Brucellosis Control in	12						1.236		1.236
Extension		σ,	241	36	69	36	271	œ	632
ion Method	63	(T)	75	38	68	38	198	6	388
ration of Using									
Extension									
hment of Demonstration									
g Center Development			98:				166		332
			3115		6.2.7				9 9 6 9
			0.00		9 6		4 6 C		9 6
MODIL OF LIVESTOOK KOUDANOR			1,000		329		330		200
n Centers Management	φ. 		946		3 7 4		631		2.858
- 1									
vestook		5	136	1.63	199	63 7.1	6.989	13	7,624
Company for Livestook	7				-		1,716		1.716
Cattle	ie.						979		61.5
Cut Meat Processing	S				-		537		537
Milk Collecting and	8		ଜନ	35	32	35	1.631		1,192
Hides and	8	a) t-	26	28	26.	28	79		262
Cattle	ស						2,588		2.888
🗷 Marketing Promotion	ហ	13	185	ଜନ	42	58	: 46	13	418
Imput Company	61	883			376				1.359
m Bayellonmant Guranet		000	100	2 494	900	O E A 7	90.0	223	.0
Company of the post of the pos	и	,	678	1 00	0 0	3 6	2 2 2	. R	0 00
200 + 4 + 2	,	000	1 0 0	0000	1000	000	0 4	000	0.00
(a) A 1 Cont. Off. 100 1	1	300	000	0	† e	040	000	900	200
201 0000 0000 0000					900		30		8
Specialized		63	10	276	0.00	276	888	68	2.331
ook Census	ea	65	262	126	105	126	198	31	1.848
National Disease	3.0	co	28	8.	1.1	44	(f)		113
Marketing Surveo		q	96	-	4	1.	52	43	6.4
Consultanov	6	60	253	128	56.1	1.05	6	88	398
		2.328	15.984	7.871	8.464	7,842	31.576	1.612	74.576
Percentage			21.4	ம	11.3	1.0.	42.3	(d)	68;
N N L L - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Southern Region © Grazing Control © Grazing Control Animal Health & Diseas © Chamal Clinics impro © Chamal Clinics impro © Chamal Clinics impro © Corporational Unionation © Supplies of Veterine © Supplies of Veterine © Supplies of Veterine © Extension Dev Livestock Extension Dev Civestock Extension Dev Corporation Method Improvisual Extension Training Center Deve © Training Center Deve © Training Center Deve © Training Center Deve © Training Center Deve © Company for Livestock © Company for Live	Southern Region © Esteblishment of Rengeland Management © Casting Control Animal Health & Disease Control Project © Development of New Gustantines © Castine Control © Laboratory Development © CSP Vaccine Development © Stopples of Ueterinery Equipment © Stopples of Ueterinery Equipment Livestock Extension Development © Extension Method Improvement Demonstration of Using Equipment Ustaus Extension Development Ustaus Extension Development Ustaus Extension Method Improvement Ustaus Extension Development Ustaus Extension © Training Center Development Usestock Extension © Training Center Development Usestock Marketing Improvement Consultancy Investock Marketing Improvement © Cattle Fattening © Cut Meat Processing © Cut Meat Processing © Cattle Destocking Subsidy © Cattle Destocking Subsidy © Cattle Destocking Subsidy © Cattle Destocking Subsidy © Cattle Destocking Subsidy © Investock Census © Livestock Census © Livestock Census © Livestock Specialized Services © Livestock Census © Livestock Specialized Services © Livestock Specialized Services © Livestock Specialized Services © Livestock Specialized Services © National Disease Survey © Marketing Survey © Marketing Survey © Consultancy Services (Study) © Consultancy Services (Study) © Consultancy Services (Study)	Southern Region Scuttern Region © Establishment of Rangeland Management Animal Health & Disease Control Project © Animal Health & Disease Control Project © Animal Clinics Improvements © CopP Vacoine Development © Supplies of Veterinary Equipment © Supplies of Veterinary Equipment © Supplies of Veterinary Equipment © Extension Method Improvement O Extension Method Improvement O Extension Method Improvement Civestock Extension Development O Extension Method Improvement O Extension Method Improvement Civestock Extension Development O Extension Method Improvement O Company for Livestock Products O Company for Livestock Production O Company for Livestock Production O Company for Livestock Production O Seal Method Promotion O Seal Method Promotion O Seal Method Promotion O Seal Method Promotion O Seal Method Insease O Livestock Specialized Services O Livestock Services (Study) O Consultancy Services (Study) O Consultancy Services (Study) O Consultancy Services (Study) O Consultancy Services (Study) O Consultancy Services (Study) O Consultancy Services (Study)	Southern Region of Rengeland Management 18 18 18 18 18 18 18 18	South Area Register of Management 18 Relating Control Register of Management 18 Relating Control Register of Management 18 Relating Control Register of Management of New Gustantines S 18 Relating Control Register of Management of New Gustantines S 18 Relating Control Register of Management Relating Control Relat	Southern Region Control Project 18 19 19 19 19 19 19 19	Southern Region Control Project 18 18 18 18 18 18 18 1	Southern Control Project Control Con	Southern Region 1,680 1,680 1,680 1,680 1,680 1,680 1,880 1,

Table 5.3.38 Regional Budget of Distribution Sector - 10-Year Plan

(Alternative 2)

DESCRIP	DESCRIPTOROJECT	NAHE OF PROJECT/PROGRAM	PRIO. TOTAL		HUSCAY B	SHOWLTO	HONTON	REGION 1 VOD	DO HOH	Region Bot Index Horestydnorm: Value (Police Index Police Compo	100,000
			ř	186880)							
₹-9×	1	GOTABLISHMENT OF WHOLESALE MARKET (STUBY)	α	322	322	+					
	- S	MILION ON EXPONITION OF DISTORMINE IN DOCTOR	\dagger	23	218	1	1			+	T
·	NH-1-8	IMPLEMENTATION ON EXPANSION OF DESTRIBUTION UCLUME IN PAMAP		1	1						
	4-1-EN	S OF PANAP FOR INPLEMENTATION OF THE	1	7.0	7.0	+					
	MA-2	PILOT WHOLESALE MARKET	ď	884	884		†				Γ
<u></u>	-2-5 -2-5 -2-5 -5-5 -5-5 -5-5 -5-5 -5-5	DPERBIION OF PILOT MHOLESALE MARKET (SUPPORT BY COMSULTANT) DETAIL DESIGN ON WHOLESALE MARKET	- -	288	288						
	0.1	CONSTRUCTION ONE DEPOTION OF HISTORY	 	-	1		- 6		100	000	
	-	CONSTRUCTION OF UNOLESCIE MARKET	1	8.348	4.378	2,408	280	2801	2, 408	1.978	
	IJ	PHASE-1 MUTTRAH		м	2,526						
		PHASE-2 SEEB		1.844	1,844						
		ягаган		1 978		1	1	1	1	1.978	1
	2-E-E-E	CONSTRUCTION OF WHOLESALE HARKET (SUPERVISION BY CONSULTANT)	1	316	218			1	ľ	86	
_		DAGCE-0 CEER	1	200		T		-	1	-	
		SALALAH	T	88					T	38	
	0-0-22	SUBSIDY FOR REMUNETATION OF OPERATION IN WHOLESALE MARKET		1,975	1,358					625	
-		PHASE-1 HUTTRAH		836	888						
		>HASE-2 SEEB		658	558						
		Salata		625	1					625	
-	7-8-X	STUDY & DID ON LOCAL WHOLESALE MARKET	1	629		178	135	135	178	-	brack
	S-6-12	u;		8 4 8 6		. 84	1,388	1,389	184	+	
		PHOSE-1 SOHER		7	1	1,844	1	1		+	
		3115 0=350RO		388	1	-	1.308		***	-	Ī
		07Z1X		1.389				1,399	1		
	NH-3-6	CONSTRUCTION OF LOCAL WHOLESALE MARKET (SUPERVISION BY CONSULTANT)		322		85	68	89	26		
-		O'ADSE-1 SOHAR		28		92		_	1		
		18R1 buves=0 ello	1	82			64	+	26		Ī
				69			3	89			
	¥8-3-7	FOR R		558	 	276			276		
		**	1	275	T	275	1		27.6	1	T
	a TEN	TROUBLING STORES FOR OPERATION OF MEDIFICAL F HORKETS (SUDDOLL)	1	474	202	92	6	73	182	787	Ī
								+			
	SUBTOTAL	D.		18,326	7 243	2,468	1.682	1,682	2,468	2 788	
۲۰ ۲۰ ۲۰	Z .	BASIC DATA COLLECTING PROGRAM	α	24.0	246	1		1	1	-	T
	NE-4-2	BASIC DATA COLECTING PROGRAM (EQUIPMENT)		13	\$ 2						
	NR-4-3	BASIC DATA COLLECTING PROGRAM (SUPPORT BY CONSULTANT)		1.7	47						
	N-4-4	PREPARATION & PUBLICATION OF SUPPLY AND DEMAND FORCAST		28	28						
	N7-4-5	INTRODUCTION FOR PRICING POLICY (STUDY)		26	52		1	†	1		
	Z - 5	PUBLICATION O	a	1.4.4	144	1				-	
	2 L	PPLY AND DEMAND (STUDY)	α	69	8.9						
	1010		1	1	1999	+	1	1	1	+	
81-07	2 - 2 E	ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS (STUDY)	a	168	2.1	53	12	21	21	21	
· !	H										
	8-5	ESTABLISHMENT OF SHIPPING ORGANIZATION FOR FARMERS	a	1.868	24.3	343	143		143	144	
		COLDELISHERN OF SHIPPING ORGANICALION FOR FARTERS (SUPPORT)		1.086	133	333	133	133	133	134	
									į		
 - :	SUBTOTA	NION ACCOUNT TONGOLO	١	468	***	386	164	42	100		4
* *	KH-18	STRENGTH PROGRAM FOR MAIN DISTRBUTION CHANNELS IN PANAP	α	9.689	2.483	3,214	956	857	434	1,665	87
	SHRTOTAL		<u> </u>	19.877	نسلم	3,371	898	+	455	1,746	6
TOTAL	2000	DEUELOPMENT BUDGET TOTAL		39.867	18,371	6,235	2,842	2.745	3,687	4,691	16
				Ţ					1		

Table 5.3.39 Regional Budget of Agricultural Produce Processing Sector - 10-Year Plan (Alternative 2)

OJECT	NAME OF PROJECT/PROGRAM	PR10.	TOTAL				REGION			
MBER			BUDGET	MUSCAT	BATINAHS	SHARG1YAE	DAKHL!YAD	HAMIRA.	INAHSHARGIYADAKHLIYADHAHIRAJANUBIYAMUSANDAM	SANDAM
		L	(1000RD)							
~~	Establishment of Private Company for Agro-Industry and	σ	5.188	284	2,652	765	714	518	153	102
	Supply of Agricultural Inputs and Services									
		_								
27	Establishment of Agro-Industrial Complex for Processing of	α	1.410	443	486		495			
	Dates, Limes and Tomatoes									
		_								
61	Establishment of Pickling and Uinegar-Processing Plant	α	1,782	202	891		84			
							-			
- 4	Establishment of Coconut-Processing Plant	Œ	2,626						2.626	
	Coconut Farm	_	2,188						2.188	
	Coconut-Processing Plant	_	526					1	526	
							_			
TAL	DEVELOPMENT BUDGET TOTAL	-	10,918	1.460	4,889	765	1.293	510	2.779	102
									-	
		l								

Table 5.3.40 Regional Budget of Inter-Sectoral Projects - 10-Year Plan (Alternative 2)

JECT	NAME OF PROJECT/PROGRAM	PRIO.	TOTAL				REGION			
BER			BUDGET	MUSCAT	BATINAH	SHARGIYA	DAKHLIYA	DHAHIRA	BATINAHSHARQ1YADAKHL1YADHAH1RAJANUB1YAMUSANDA	USANDAM
			(1888RD)							
_	Integrated Agricultural Development Project in Nejd	Œ	16,553						16.553	
	1) Pilot Farm (S@ha)		1.655						1.655	
	2) Main Development Project (458ha)		14.898						14.838	
o.	Improvement and Maintenance of MAF Facilities	σ	28,991	5,511	5,418	2,450	2.378	2,858	1.798	1.418
	1) Ministry Building		5,191	5.191		1.				
	2) Office Building for Directorate General of Agriculture		7.888		1,250	1,258	1.250	1,258	1.558	1,258
	in S Regions									
	3) Separate Consolidated Allocation for All Consultancies		8. ଉଉନ୍ତ	328	4,168	1.288	1,128	998	248	168
										-
	Citizen's Compensation against Natural Crisis	α	ଓ ଓଡ଼ିଆ	128	1.568	458	420	366	36	89
	Master Plan for Development of Date Palm Cultivation	α	598	24	312	86	8.4	89	18	12
٩٢	DEVELOPMENT BUDGET TOTAL		41,144	5,655	7,282	2,998	2,874	2,418	18,451	1,482

Table 5.4.1 Comparative Description of 10-Year Plan
- Full, Alternative 1 and Alternative 2

Larga, Lawrence Book Book Control Control	1			ALTERN	ATIVE
SECTOR	PROJECT NUMBER	NAME OF PROJECT/PROGRAM	FULL (1000RO)	(1) (1000RO)	(2) (1000RO)
Innigation and Dam		Subtotal	357,397	186,107	259,922
Irrigation and Dam	NY-1	Improvement of Irrigation System and Centrally- Controlled Water-Distribution System	60,990	26,370	42,090
	NW-2	Subsidy for New Irrigation System Project	37,500	31,250	37,500
	N¥-3	Legal Framework for Agricultural Vater Use	250	250	250
	NV-4	Recharge Dams	86,633	79,240	81,645
	NY-5	Sub-surface (Underground) Dams	5,000	5,000	5,000
	NW-6	Aflaj	113,420	22,520	59,020
	NW-7	Wells	30,240	5,100	18,000
	NA-8 NK-8	Springs Erosion Control and Protection of Agricultural Land	5,914 11,510	4,087 6,510	4,087 6,510
	NW-10	against Floods Survey and Honitoring	5,940	5,780	5,820
Agricultural		Subtotal	18,200	18,200	18,200
Research	NAR-1	Support for Agricultural Research Stations	5,300	5,300	5,300
neseat on	NAR-2	Establishment of New Research Units and Laboratories	5,600	5,600	5,600
	NAR-3	Development and Establishment of Experimental Farms and Nurseries	2,000	2,000	2,000
	NAR-4	Forestry-Improvement Program	2,000	2,000	2,000
	NAR-5	Establishment of Locust Survey and Central Unit	2,000	2,000	2,000
	NAR-6	Soil Surveys	1,300	1,300	1,300
		6.1.4.1	91.000	00 000	90 050
Agricultural Extension	NAE-1	Subtotal Improvement and Development of Extension Centers and	24,000 4,470	23,050 3,520	23,050 3,520
	NAE-2	Facilities Establishment of Development Support Communication	1,190	1,190	1,190
	NAE-3	Center(DSCC) Training of Researchers, Extension Staff and Statistics	2,520	2,520	2,520
	NAE-4	Staff Intensive Extension Guidance Program	15,820	15,820	15,820
Agricultural		Subtotal	25,060	21,860	21,860
Production	NAA-1	Collection and Organization of Agricultural Statistics	2,560		2,060
Troduction	NAA-2	Agricultural Exhibitions and Festivals	1,400	1,400	1,400
	NAA-3	National Project for Plant Protection and Aerial Spraying		7,500	7,500
	NAA-4 NAQ-1	Agricultural Technology Transfer to Farmers Project Development and Improvement of Plant Quarantine	10,000 1,100	10,000 900	10,000 900
	1111				
Livestock		Subtotal	79,320	72,520	
	NLL-1	Rangeland Revegetation Project in Southern Region	3,552	3,552	3,552
	NLL-2	Animal Health and Disease Control Project	31,423	29,367	
	NLE-1	Livestock Extension Development Project	632	632	632
	NLR-1	Livestock Research Development Project	6,550 7,604	6,050 7,604	6,050 7,604
	NLM-1	Livestock Marketing Improvement Project Livestock Input Company Project	1,359	1.359	1,359
	NLL-3 NLL-4	Small Farm Development Support Project	25,899		21,655
	NLL-5	Livestock Specialized Services Program	2,301	2,301	2,301
Distribution		Subtotal	30,067	30,067	30.067
DISCITUTEION	ND-1	Establishment of Wholesale Market	18,326	18,326	18,326
	ND-2	Supply and Demand Forecast of Agricultural Produce	444	444	444
	ND-3	Establishment of Shipping Organization for Farmers	1,220	1,220	1,220
	ND-4	Fortification of PAMAP	10,077	10,077	10,077
Agricultural Produce		Subtotal	10,918	10,918	10,918
Processing	NP-1	Establishment of Private Company for Agro-Industry and	5,100	5,100	5,100
	NP-2	Supply of Agricultural Inputs and Services Establishment of Agro-Industrial Complex for Processing	1,410	1,410	1,410
	NP-3	of Dates, Limes and Tomatoes Establishment of Pickling and Vinegar-Processing Plant	1,782	1,782	1,782
·	NP-4	Establishment of Coconut-Processing Plant	2,626	2,626	2,626
I-1- 0-1	1	Outsola!	43,644	41,144	41,144
Inter-Sectoral	ועו	Subtotal Integrated Agricultural Development Project in Nejd	16,553	16,553	16,553
	NI-1 NI-2	Integrated Agricultural Development Project in Rejulings in Republic Reprovement and Haintenance of MAF Facilities	20,991	20,991	20,991
	NI-2	Artificial Rainfall Project	2,500	20,331	0
• .	0I-1	Citizen's Compensation against Natural Crisis	3,000	3,000	3,000
	01-2	Master Plan for Development of Date Palm Cultivation	600	600	600
Total			588,606	403,866	479,737
		MAF Budget	557,333	372,593	448,464
	:	PAMAP Budget Agricultural Investment	31,273	31,273 350,784	31,273

CHAPTER 6

REGIONAL DEVELOPMENT

CHAPTER 6 REGIONAL DEVELOPMENT

6.1 Regional Development Approach

In the early stages of economic development of a country, emphasis is focused first on the establishment of social infrastructures in the capital area. Production sectors' comparative advantage exists in international terms of trade, as a means of effective application of limited resources.

Thus, the development plan in the initial phase focuses on establishing a base from which development can spread to other parts of the country. After this base is established, usually the capital area as mentioned above, is established economically to a certain level, and then regional development begins to assume importance in national planning.

Regional development in developing countries, principally in Asia, generally occurred according to the following model:

Phase 1

In this initial stage, occurring generally in the 1960's for many developing nations, an unbalanced development strategy was pursued by implementing large-scale projects to develop local production of basic materials and to promote the import substitution industry. Areas where this production capability existed were consequently the sites of large projects to develop water resources, mineral resources, and trunk infrastructure for transport. Strategy thus centered on natural resources development.

However, the unbalanced nature of the strategy skewed development in favor of urban and other population centers at the expense of rural areas. The economy assured a dual structure of society with serious disparity in the level of development between the city and the countryside which tended to get worse as time progressed.

Phase 2

In the 1970's, a growing shift in planning policy was seen in developing countries with focus dispersed away from the economic base in the capital area to the rural area, including an integrated rural development approach which encompassed all regions of the country. Emphasis was placed on increasing the capacity of rural areas to support population, development of distribution infrastructures, introduction of new farming technology, and construction of secondary and tertiary irrigation systems.

Phase 3

Balanced development in both the public and private sectors was pursued with a view to stabilizing the socio-economy. Infrastructures to improve daily rural life were addressed, and projects promoted were of a nature whereby the active participation of intended beneficiaries in both planning and implementation was encouraged.

In the agricultural sector, projects aimed at environmental protection and conservation. Small-scale irrigation and various onfarm projects, for which operation and maintenance were within the scope of the farmer's capability, were emphasized.

As this trend progressed, the farm village became the center of agricultural policy combining a strategy of farm and village development including an enhanced living environment and rational irrigation water management.

Through the above process, agriculture is developed as the base industry of the regional community. The agricultural sector comes to represent a rational integration of traditional farming, modern agriculture and related small industries, and is recognized as embodying the function of wise management of the regional environment and its resources.

Regional development may thus be considered as rural development, with agriculture at the center of a balanced regional economy also containing industrial and marketing components.

In formulating this type of regional development strategy, attention should be given to the following:

- (1) Self-reliance of the regional community (establishment of a rural society capable of independently and vigorously pursuing agricultural activity).
- (2) Environmental conservation.
- (3) Balance between population and land use.
- (4) Balanced availability of goods, and improved income.
- (5) Establishment of small-scale infrastructures (as opposed to large-scale conventionally emphasized).
- (6) Diversification towards a multi-cultural production system and reassessment of traditional agriculture

In the case of Oman, the Regional Development Committees have been established for the most backward regions to formulate the regional development program and implement and manage, during the initial stages, the development projects for the region. Once a certain level of development is achieved under the projects in the region, the functions of these are transferred by the committee to the concerned government agencies. Under this program, development results have been achieved in Buraimi and Musandam.

In addition to the above, the various government agencies pursue independent development programs on their own as well. Accordingly, there is much room for more government effort.

The current role of MAF in regional development is limited to the implementation of projects related to the agricultural sector. Nevertheless, agricultural development as a part of regional development is of extreme importance as almost half of the Omani work force is employed in the agricultural sector, and more than half of the nations' population resides in rural areas. It is expected that MAF will in the

coming years assume more and more leadership in the area of regional development.

6.2 Regional Development Strategy under the 10-Year Agricultural Development Plan

To date, agricultural development has been pursued from a national standpoint, with the sectoral base being established in the capital region under the previous Five-year Development Plans. Consequently, it is appropriate in the future to disperse this base to the key cities in each region. This corresponds to phase 2 of the previously discussed regional development model.

The government recognizes the importance of regional development and formulates the regional development plan in advance of formulating the Fourth Five-year Development Plan.

Under the 10-year Master Plan, the "upstream" agricultural and livestock production sectors are to be developed through the new technology dissemination effect of agricultural research stations and extension centers in rural areas centering on the key regional towns. The services and activities under the foregoing facilities would reach not only farmers in and around the key towns, but in remote areas as well. Distribution facilities and wholesale markets under PAMAP would also be established at the key towns to facilitate the movement of produce to the "downstream" consumer market.

At the same time, agricultural production infrastructures would be strengthened through projects to construct recharge dams, rehabilitate traditional falaj and well systems, and establish modern irrigation facilities, for efficient management of limited water resources.

The above strategy would function to systematically remove the constraints affecting Omani agriculture. Common constraints to all regions are:

- (1) Finite water resources, aggravated by overdrafting of groundwater accompanying expansion of cultivated land.
- (2) Inadequate agricultural production infrastructures.
- (3) Depressed levels of agricultural and animal husbandry technology aggravated by lack of trained personnel to introduce appropriate modern methods.
- (4) Underdeveloped distribution system for agricultural and livestock products.
- (5) Migration of youth away from agriculture.

Specific regional issues are as follows:

- (1) Saline intrusion in Batinah and Salalah due to overdrafting of groundwater.
- (2) Degeneration of rangeland in Janubiya due to overgrazing of livestock.

In order to address the above constraints, the JICA team has formulated the following programs:

- (1) Groundwater recharge through construction of recharge dams.
- (2) Economical water use through introduction of efficient irrigation systems.
- (3) Strengthening of research and extension activities pertaining to new agricultural and livestock technology to upgrade farmers' technical levels.
- (4) Subsidies for inputs, equipment and machinery as an incentive for farmers to adopt new techniques.
- (5) Promotion of farm management combining both cropping and animal husbandry as a measure to increase the farm income of the small farmer in particular.
- (6) Improvement of distribution system efficiency through the establishment of wholesale markets under PAMAP and other distribution facilities and organizations.
- (7) Diversification of the rural economy through promotion of rural industries.
- (8) Stimulation of awareness and interest in agriculture to stem the

migration of youth away from the agricultural sector.

Regional divisions designated by the Development Council are as follows: Muscat, Batinah, Sharqiya, Dakhliya, Dhahira, Janubiya and Musandam.

6.3 Regional Allocation of Agricultural Development Budget

Under the Master Plan, the nationwide project development potential over the 10-year period was identified, and its total corresponding budget to achieve the same was calculated. Regional allocation was then determined within this overall framework.

The Development Council has indicated that the allocation of the development budget for the overall national plan should be as follows:

Muscat				25%
Janubiya				10%
Batinah,	Sharqiya,	Dakhliya,		
Dhahira.	Musandam		L	65%

The JICA team formulated its regional allocation plan for agricultural investment bearing in mind the above. However, it must be noted that as the budget in question is specifically for agricultural development, the breakdown by region does not completely correspond with the Development Council's percentages which represent budget allocations covering all sectors, not just agriculture.

The JICA team applied criteria set out in section 5.2.2.2 (2) in determining regional allocation.

For projects pertaining to criteria (b) and (c), total project load is known, but specific regional outlay will not be clear until the implementation stage. For strictly national projects and programs, regional outlay is estimated on the basis of arbitrary criteria such as cropped area, number of head of livestock affected in a particular region, etc. Such regional outlays would be subject to readjustment as necessary

at the project implementation stage.

Regional outlay under the total investment target of R.O. 589 million under the 10-year Agricultural Development Plan is indicated in Tables 6.3.1 - 6.3.2. Summarized, it is as follows:

Muscat	6%
Janubiya	14%
Total for other regions	80%

As projects are agriculture-related, the investment proportion for Muscat is as low as would be expected. The reasons for a high investment rate in Janubiya are:

- (1) Of the primary production sectors, animal husbandry is the most backwards and therefore, has the most potential for development. Janubiya would be the focus of efforts to accelerate development of the livestock sector under the 10-year Master Plan. 42 % of the total investment in this sector would be allocated to Janubiya.
- (2) The inter-sectoral Integrated Agricultural Development Project for the Nejd Region has the highest priority for a large-scale agricultural project and is accordingly given investment priority in the Master Plan.
- (3) The soil survey program for Nejd and the forestry improvement program for Jabal are high priority projects.
- (4) The coconut processing plant which has good feasibility and is anticipated to lead to production of export-oriented products in the future will be implemented in the Janubiya Region.

The largest regional outlay is that for the Batinah Region. The reason for this is that it is the major agriculture production area in Oman. The next largest regional outlay is for Dakhliya, and the next being roughly equal are for Dhahira and Sharqiya.

Table 6.3.1 Regional Budget Summary (R.O. 1,000)
(Full 10- Year Plan)

Sector	Total	Muscat	Batinah	Sharqiya	Dakhliya	Dhahira	Janubiya	Musandam
Irrigation and Dam	357,397	11,534	145,106	45,586	83,274	53,487	15,306	3,104
Agricultural Research	18,200	160	9,240	2,050	2,185	1,400	2,985	180
Agricultural Extension	24,000	1,959	7,285	4,676	4,523	3,428	1,277	852
Agricultural Production	25,060	1,948	12,151	3,255	2,629	2,527	2,025	522
Livestock	79,320	2,455	17,045	7,580	9,388	8,051	33,061	1,740
Distribution	30,067	10,372	6,235	2,843	2,745	3,087	4,694	91
Processing	10,918	1,460	4,009	765	1,293	510	2,779	102
Inter-Sectoral Projects	43,644	5,655	7,282	2,990	2,874	2,410	20,951	1,482
						m. 001	00.000	0.079
Total	588,606	35,543	208,353	69,746	108,912	74,901	83,078	8,073

Table 6.3.2 Regional Investment Distribution by Sector (%)

Sector	Total	Muscat	Batinah	Sharqiya	Dakhliya	Dhahira	Janubiya	Musandam
Irrigation and Dam	60.7	32.5	69.6	65.4	76.5	71.4	18.4	38.4
Agricultural Research	3.1	0.5	4.4	2.9	2.0	1.9	3.6	2.2
Agricultural Extension	4.1	5.5	3.5	6.7	4.2	4.6	1.5	10.6
Agricultural Production	4.3	5.5	5.8	4.7	2.4	3.4	2.4	6.5
Livestock	13.5	6.9	8.2	10.9	8.6	10.7	39.8	21.6
Distribution	5.1	29.2	3.0	4.1	2.5	4.1	5.7	1.1
Processing	1.9	4.1	1.9	1.1	1.2	0.7	3.3	1.3
Inter-Sectoral Projects	7.4	15.9	3.5	4.3	2.6	3.2	25.2	18.4
								l
Total	100	100	100	100	100	100	100	100

Table 6.3.3 Sectoral Investment Distribution by Region (%)

Sector	Total	Muscat	Batinah	Sharqiya	Dakhliya	Dhahira	Janubiya	Musandam
		<u> </u>						
Irrigation and Dam	100	3.2	40.6	12.8	23.3	15.0	4.3	0.9
Agricultural Research	100	0.9	50.8	11.3	12.0	7.7	16.4	1.0
Agricultural Extension	100	8.2	30.4	19.5	18.8	14.3	5.3	3.6
Agricultural Production	100	7.8	48.5	13.0	10.5	10.1	8.1	2.1
Livestock	100	3.1	21.5	9.6	11.8	10.2	41.7	2.2
Distribution	100	34.5	20.7	9.5	9.1	10.3	15.6	0.3
Processing	100	13.4	36.7	7.0	11.8	4.7	25.5	0.9
Inter-Sectoral Projects	100	13.0	16.7	6.9	6.6	5.5	48.0	3.4
					1.4.4.7.4			
Total	100	6.0	35.4	11.8	18.5	12.7	14.1	1.4

Sharqiya is the region most lagging in agricultural modernization. Preliminary soil surveys indicated 400 km² of land (S1, S2, S3) appropriate for irrigated cultivation. Although precise reserves of ground water are unclear, the potential for new water resources development is present.

A "National Water Resources Master Plan" is currently being prepared by MWR for precise identification of water resources in each region. The budget under the 10-year Master Plan for Pilot Projects for Centrally Controlled Irrigation Systems includes the Al Kamil project (50ha) already determined as feasible, and promising projects of around a 100 ha-scale from among those currently being investigated by MWR.

If in addition to the projects already considered under the 10-year Master Plan, any promising and feasible areas for pilot projects for centrally controlled irrigation emerge in the future as the result of ongoing study by MWR, these should be incorporated into the Master Plan and corresponding budget outlay should be made, particularly for projects that are identified in the Sharqiya Region where agricultural development is most lagging.

Sectoral agricultural investment allocation by region is shown in Table 6.3.3. The irrigation and dam sector accounts for 61 % of the investment. Next is the livestock sector. Regional allocation trends are basically the same for Batinah, Sharqiya, Dakhliya, Dhahira and Musandam. However, in the case of Muscat, the investment proportion for distribution is relatively higher, while that for livestock and intersectoral (including Nejd) development is higher for Janubiya.

Regional investment per unit of cropped area and per capita are shown in Tables 6.3.4 - 6.3.5. Investment per cropped hectare is largest in Janubiya for the five regions excluding Muscat and Musandam. However, it must be noted that the cropped area for Janubiya does not include the 200,000 ha of rangeland and 70,000 ha of natural pasture in the region. The unit area investment for Sharqiya, Dakhliya and Dhahira Regions are all larger than for Batinah, reflecting the need to address the particularly backward levels of agriculture in these regions.

Table 6.3.4 Ratio of Investment/Cropping Area (R.O./ha)

Sector	Total	Muscat	Batinah	Sharqiya	Dakhliya	Dhahira	Janubiya	Musandam	≀ Maximum/ Minimum
Cropping Area (ha)	55,671	2,115	29,092	8,615	7,728	5,603	1,488	1,030	
		1.					10.000	0.014	0.04
Irrigation and Dam	6,420	5,453	4,988	5,291	10,776	9,546	10,286	3,014	2.04
Agricultural Research	327	76	318	238	283	250	2,006	175	8.43
Agricultural Extension	431	926	250	543	585	612	858	827	3.43
Agricultural Production	450	921	418	378	340	451	1,361	507	4.00
Livestock	1,425	1,161	586	880	1,215	1,437	22,218	1,689	37.92
Distribution	540	4,904	214	330	355	551	3,155	88	14.72
Processing	196	690	138	89	167	91	1,868	99	21.03
Inter-Sectoral Projects	784	2,674	250	347	372	430	14,080	1,439	56.25
Total	10,573	16,805	7,162	8,096	14,093	13,368	55,832	7,838	7.80

Note: (*) exclude Muscat and Musandam

Table 6.3.5 Ratio of Investment/Omani Population (R.O./capita)

Sector	Total	Muscat	Batinah	Sharqiya	Dakhliya	Dhahira	Janubiya	Musandam*	Maximum/ Minimum
Omani Population in 1990	1,218,344	158,763	406,202	203,606	183,345	118,413	125,361	22,654	
Irrigation and Dam	293	73	357	224	454	452	122	137	3.72
Agricultural Research	15	1	23	10	12	12	24	8	2.36
Agricultural Extension	20	12	18	23	25	29	10	38	2.84
Agricultural Production	21	12	30	16	14	21	16	23	2.09
Livestock	65	15	42	37	51	68	264	77	7.08
Distribution	25	65	15	14	15	26	. 37	4	2.68
Processing	9	9	10	4	7	4	. 22		Α.
Inter-Sectoral Projects	36	36	18	15	16	20_	167	65	11.38
Total	483	224	513	343	594	633	663	356	1.93

Note: (*) exclude Muscat and Musandam

In terms of per capita, the investment rate is highest for Janubiya out of the five regions excluding Muscat and Musandam. The reason for this is that numerous high priority projects, as discussed previously, are concentrating on this region. The differential rate in per capita investment among the five regions is a factor of 1.9, which is within acceptable limits.

Also, a comparison of per capita investment in Batinah and the other regions of Sharqiya, Dakhliya and Dhahira reveals that with the exception of Sharqiya, the investment rate in this regard is higher than for Batinah, indicating that regional allocation of funding is directed at bringing balance into skewed levels of development between regions.

Nevertheless, it is important that efforts at balanced development in the agricultural sector be complemented by programs under other government agencies in the areas of rural housing, education, etc.

6.4 Regional Development Plan

Regional agricultural development plan under the target budget of R.O. 589 million is as follows:

(1) Muscat

(a) Irrigation and dams

- Construction of recharge dams at Willayat Quriyat and falaj rehabilitation in proportion to cropped area.

(b) Agriculture

- Establishment of Development Support Communication Center, sponsoring of International Agriculture and Food Exhibition, and strengthening of two existing plant quarantine stations.
- Establishment of Agricultural Technology Information Units in existing extension centers.

(c) Livestock

- Establishment of concentrate feed plant of Livestock Input Company in harbor vicinity.
- Implementation of appropriate project load for NLL-2, NLE-1, NLM-1, NLL-4 and NLL-5 in proportion to livestock head number in region. The JICA team estimates of livestock numbers based on 1982 GRM study are given in Table 6.4.1.
- Strengthening of animal quarantine station at one location.

(d) Others

- Strengthening of facilities at MAF headquarters.
- Establishment of central wholesale markets at Muttrah and Seeb.
- Strengthening of facilities at PAMAP headquarters and other distribution facilities under PAMAP.
- Establishment of processing facilities for dates, limes and tomatoes, as well as a pilot plant for pickling.

Breakdown and sectoral share for investment in the Muscat Region are shown in Table 6.4.2.

(2) Batinah

(a) Irrigation and dams

- Construction of recharge dams, modern irrigation projects, and centrally controlled water distribution systems towards recharge of groundwater resources and economical water use. Of the 42 recharge dam sites under the Master Plan, 20 are in Batinah. Of 21 sites for pilot projects for centrally controlled irrigation, 8 are located in the region, for a total benefit area of 4,000 ha.
- Project load for modern irrigation facilities and falaj rehabilitation in proportion to cropped area in the region.
- Batinah is also considered promising for F/S studies and pilot projects for underground dam.

(b) Agriculture

- Strengthening of facilities at Rumais Agricultural Research

Table 6.4.1 Animal Unit Distribution Ratio by Region

Region	goats	sheep	cattle	AnimalU.	X	Modified %
(An	imal Head)					
Muscat	24,000	7,500	2,100	8,400	2.9	3
Batinah	216,300	67,200	18,500	75,200	25.7	25
Sharquiya	113,000	22,500	9,600	36,700	12.6	12
Dakhaliya	93,100	13,100	7,900	29,140	10.0	10
Dhahira	117,100	18,300	9,400	36,480	12.5	12
Janubiya	106,200	4,000	77,900	99.940	34.2	35
Musandam	26,500	3,100	500	6,420	2.2	3
Total	696,200		125,900	292,280	100	100
Animal Unit	139,240		125,900			

Source: JICA estimation

Note: Calculation method of Animal Unit is:
Goats and Sheep: Head numberx0.2--①
Cattle: Head numberx1.0--②

①+②=Animal Unit of each Region

Table 6.4.2 Regional Budget in Muscat - 10-Year Plan

		(UNIT:	1000 R.O.)	1010010	AULDE DV	COLLDE DV
SECTOR	PROJECT NUMBER	NAME OF PROJECT/PROGRAM	7 REGIONS TOTAL BUDGET	MUSCAT REGION BUDGET	SHARE BY REGION (%)	SHARE BY SECTOR (%)
			(1)	(2) 11,534	$\frac{(2)/(1)}{3.2}$	32.5
7	3712 1	Instrument of Insigntion System and Controlly	357,397 60,990	11,334	0.4	02.0
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally- Controlled Water-Distribution System	00,000			
	NW-2	Subsidy for New Irrigation System Project	37,500	7 50	2.0	2.1
	NW-3	Legal Framework for Agricultural Water Use	250	10	4.0	0.0
	NW-4	Recharge Dams	86,633	4,750	5.5	13.4
	NW-5	Sub-surface (Underground) Dams	5,000 113,420	5,600	4.9	15.8
	NY-6	Aflaj	30,240	205	0.7	0.6
	NW-7 NW-8	Wells Springs	5,914	1.00		0,0
	NW-9	Erosion Control and Protection of Agricultural Land against Floods	11,510			
	NW-10	Survey and Honitoring	5,940	219	3.7	0.6
····			18,200	160	0.9	0.5
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300			
Research	NAR-2	Establishment of New Research Units and Laboratories	5,600			
	NAR-3	Development and Establishment of Experimental Farms and Nurseries Forestry-Improvement Program Establishment of Locust Survey and Central Unit	2,000			
	NAR-4	Forestry-Improvement Program	2,000	- 80	4.0	0.2
	1111111	HOUGH TENED TO THE	2,000	80	4.0	0.2
	NAR-6	Soil Surveys	1,300 24,000	1,959	8.2	5.5
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	4,470	172	3.8	0.5
EV fell2 IOH	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190	1,190	100.0	3.3
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	77	3.1	0.2
	NAE-4	Intensive Extension Guidance Program	15,820	520	3.3	1.5
			25,060	1,948	7.8	5.5
Agricultural	NAA-1	Collection and Organization of Agricultural Statistics	2,560	77	3.0	0.2
Production	NAA-2	Agricultural Exhibitions and Festivals	1,400	971	69.4	2.7 0.8
	NAA-3	National Project for Plant Protection and Aerial Spraying	10,000 10,000	300 300	3.0	0.8
	NAA-4 NAO-1	Agricultural Technology Transfer to Farmers Project Development and Improvement of Plant Quarantine	1,100	300	27.3	0.8
	NAG 1	neterobache and improvement of light Agaraneine	79,320	2,455	3.1	6.9
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552			
11.0000	NLL-2	Animal Health and Disease Control Project	31,424	793	2.5	2.2
	NLE-1	Livestock Extension Development Project	632	9	1.4	0.0
		Livestock Research Development Project	6,550	91	1.2	0.3
		Livestock Marketing Improvement Project	7,604 1,359	983	72.3	2.8
	NLL-3 NLL-4	Livestock Input Company Project Small Farm Development Support Project	25,899	510	2.0	1.4
		Livestock Specialized Services Program	2,300	69	3.0	0.2
<u> </u>	1100 0	Bircocoon opportuition dor 12000 110gram	30,068	10,372	34.5	29.2
Distribution	ND-1	Establishment of Wholesale Market	18,326	7,243	39.5	20.4
	ND-2	Supply and Demand Forecast of Agricultural Produce	444	444_	100.0	1.2
	ND-3	Establishment of Shipping Organization for Farmers	1,220	165	13.5 25.0	0.5 7.1
	ND-4	Fortification of PAMAP	10,078 10,918	2,520 1,460	13.4	4.1
Agricultural Produce	NP-1	Establishment of Private Company for Agro-Industry and	5,100	204	4.0	0.6
Processing	NP-2	Supply of Agricultural Inputs and Services Establishment of Agro-Industrial Complex for Processing of Dates, Limes and Tomatoes	1,410	449	31.8	1.3
	NP-3	Establishment of Pickling and Vinegar-Processing Plant	1,782	807	45.3	2.3
	NP-4	Establishment of Coconut-Processing Plant	2,626			ļ
			43,644	5,655	13.0	15.9
Inter-Sectoral	NI-1	Integrated Agricultural Development Project in Nejd	16,553	E E11	26.3	15.5
	NI-2	Improvement and Maintenance of MAF Facilities	20,991 2,500	5,511	20.3	10.0
•	NI-3	Artificial Rainfall Project Citizen's Compensation against Natural Crisis	3,000	120	4.0	0.3
	0I-1 0I-2	Master Plan for Development of Date Palm Cultivation	600	24	4.0	0.1
Total		•	588,606	35,543	6.0	100.0

- Center as the focus for basic agricultural research with impact on the country as a whole. Also, an agricultural research station would be established at Sohar, given the importance of agriculture in northern Batinah for the nation as a whole.
- Establishment of nurseries for fruit trees at two locations.
- Establishment of five new extension sub-centers in remote areas.
- Given the comparative disadvantage of poor quality dates grown in Batinah, allocation under the date extension program would be relatively less than the proportional amount of date cropped area in the region.
- Workload for other programs in proportion to cropped area in the region.
- Establishment of Agricultural Technology Information Units in both existing and new extension centers.

(c) Livestock

- Strengthening of facilities at Rumais Livestock Research Center and CVIL. A training center adjacent to the Rumais Livestock Research Center would also be constructed.
- Of the total small poultry holders targeted throughout all regions under the Small Holder Poultry Production Project, 535 are to be created through subsidy in Batinah.
- Other livestock project load in proportion to numbers of livestock in the region.
- One new animal quarantine station and two new animal clinics will be established. Facilities at one existing animal clinic will be strengthened.

(d) Others

- Facilities of the Directorate General of Agriculture at Sohar will be strengthened.
- Establishment of wholesale markets at Sohar and Rustaq.
- New construction and strengthening of existing distribution facilities under PAMAP.
- Construction of pickling plant at Sohar and Barka.
- Strengthening of facilities at MAF dates processing plant at Rustaq.

Breakdown and sectoral share for investment in Batinah Region are shown in Table 6.4.3.

(3) Sharqiya

(a) Irrigation and dams

- Construction of recharge dams, modern irrigation projects and centrally controlled water distribution for groundwater recharge and economical water use. Recharge dams are to be constructed at four locations. Study of new development potential for water resources is to be continued, referring to findings of the "National Water Resources Master Plan" of MWR.
- Implementation of pilot projects for centrally controlled irrigation at four locations for total benefit area of 400 ha. Of these, the Al Kamil project (50 ha) has already been determined as feasible and would be scheduled for implementation in 1991. Project load for new irrigation facility projects and falaj rehabilitation would be in proportion to cropped area in the region.

(b) Agriculture

- Establishment of Al Kamil Agricultural Research Station.
- Establishment of one new extension sub-center in remote area.
- Implementation of soil survey, given promising farmland in the region.
- Relatively heavier outlay under the date extension program, given the superior dates grown in the region.
- Remaining program outlay in proportion to cropped area in the region.
- Establishment of Agricultural Technology Information Units in both existing and new extension centers.
- Afforestation research and pilot project to counter desertification at edge of Wahiba desert.

(c) Livestock

- Establishment of one new animal clinic and strengthening of

Table 6.4.3 Regional Budget in Batinah - 10-Year Plan

SECTOR	PROJECT NUMBER		1000 R.O.) 7 REGIONS TOTAL BUDGET (1)	BATINAH REGION BUDGET (2)	SHARE BY REGION (%) (2)/(1)	SHARE BY SECTOR (%)
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally-	357,397 60,990	145,106 36,960	40.6 60.6	69.6 17.7
	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	Controlled Water-Distribution System	DG 500	90.005		
	NW-2 NW-3	Subsidy for New Irrigation System Project Legal Framework for Agricultural Water Use	37,500 250	20,625 128	55.0 51.2	$\frac{9.9}{0.1}$
	NH-4	Recharge Dams	86,633	43,137	49.8	20.7
	NW-5	Sub-surface (Underground) Dams	5,000	2,765	55.3	1.3
	NW-6	Afla.i	113,420	26,130	23.0	12.5
	NW-7	Wells	30,240	9,427	31.2	4.5
	NW-8 NW-9	Springs Erosion Control and Protection of Agricultural Land	5,914 11,510	3,185	27.7	1.5
	NU to	against Floods Survey and Monitoring	5,940	2,749	46.3	1.3
	NW-10	2011 Act and wontrolling	18,200	9,240	50.8	4.4
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300	2,000	37.7	1.0
Research	NAR-2	Establishment of New Research Units and Laboratories	5,600	5,250	93.8	2.5
	NAR-3	Development and Establishment of Experimental Farms and Nurseries	2,000	450	22.5	0.2
	NAR-4	Forestry-Improvement Program	2,000	500	25.0	0.2
	NAR-5	Establishment of Locust Survey and Central Unit	2,000	1,040	52.0	0.5
	NAR-6	Soil Surveys	1,300	2 005	20. 4	2 (
Agricultural Extension	NAE-1	Improvement and Bevelopment of Extension Centers and Facilities	24,000 4,470	7,285 1,290	30.4 28.9	3.5 0.6
DATE OF THE PROPERTY OF THE PR	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190			
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	1,145	45.4	0.5
	NAE-4	Intensive Extension Guidance Program	15,820	4,850	30.7	2.3
			25,060	12,151	48.5	5.8
Agricultural	NAA-1	Collection and Organization of Agricultural Statistics	2,560	1,280	50.0	0.6
Production	NAA-2	Agricultural Exhibitions and Festivals National Project for Plant Protection and Acrial Spraying	1,400 10,000	71 5,400	5.1 54.0	$-\frac{0.0}{2.0}$
	NAA-3 NAA-4	Agricultural Technology Transfer to Farmers Project	10,000	5,400	54.0	2.0
	NAQ-1	Development and Improvement of Plant Quarantine	1,100	01,100		
	1110	De la la la la la la la la la la la la la	79,320	17,045	21.5	8.2
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552			
	NLL-2	Animal Health and Disease Control Project	31,424	7,499	23.9	3.0
		Livestock Extension Development Project	632	241	38.1	0.
	NLR-1	Livestock Research Development Project	6,550	2,446	37.3	1.7
		Livestock Marketing Improvement Project	7,604	196	2.6	0.
	NLL-3	Livestock Input Company Project	1,359 25,899	6,088	23.5	2.9
•	NLL-4 NLL-5	Small Farm Development Support Project Livestock Specialized Services Program	2,300	575	25.0	0.3
	ט ממוו	Elivestock opecialized activities frostala	30,068	6,236	20.7	3.0
Distribution	ND-1	Establishment of Wholesale Market	18,326	2,468	13.5	1.2
	ND-2	Supply and Demand Forecast of Agricultural Produce	444			
	ND-3	Establishment of Shipping Organization for Farmers	1,220	397	32.5	0.2
	ND-4	Fortification of PAMAP	10,078	3,371	33.5	1.0
	<u> </u>		10,918	4,009	36.7	1.9
Agricultural Produce Processing	NP-1 NP-2	Establishment of Private Company for Agro-Industry and Supply of Agricultural Inputs and Services Establishment of Agro-Industrial Complex for Processing	5,100 1,410	2,652	52.0 33.1	0.3
	NP-3	of Dates, Limes and Tomatoes Establishment of Pickling and Vinegar-Processing Plant	1,782	891	50.0	0.4
	NP-4	Establishment of Coconut-Processing Plant	2,626 43,644	7,282	16.7	3.9
Inter-Sectoral	NI-1 NI-2	Integrated Agricultural Development Project in Nejd Improvement and Maintenance of MAF Facilities	16,553 20,991	5,410	25.8	2.6
* * *	NI-3	Artificial Rainfall Project	2,500			
<u> </u>	01-1 01-2	Citizen's Compensation against Natural Crisis Master Plan for Development of Date Palm Cultivation	3,000 600	1,560 312	52.0 52.0	0.
Total			588,606	208,353	35.4	100.

facilities at 1 existing animal clinic.

- Establishment of 550 poultry small holders under subsidy program.
- Other livestock project load to be implemented in proportion to number of livestock in the region.

(d) Others

- Strengthening of existing Directorate General of Agriculture facilities at Ibra.
- Establishment of local wholesale markets at Sur and Ibra.

Breakdown and sectoral share for investment in Sharqiya Region are shown in Table 6.4.4.

(4) Dakhliya

(a) Irrigation and dams

- Construction of recharge dams, modern irrigation projects and centrally controlled water distribution systems for groundwater recharge and economical water use, given the threatened nature of water resources in the region. Recharge dams would be constructed at seven locations, and pilot projects for centrally controlled irrigation at four locations, for a total benefit area of 950 ha.
- New irrigation and falaj rehabilitation project load would be in proportion to cropped area in the region.

(2) Agriculture

- Establishment of Jimmah Agricultural Research Station, to conduct research on dates and field crops.
- Establishment of one extension sub-center in remote area.
- Relatively heavier outlay under the date extension program, given the superior dates grown in the region.
- Establishment of nursery for dates, grapes, etc., at one location.
- Remaining program outlay in proportion to cropped area in the region.
- Establishment of Agricultural Technology Information Units in

SECTOR	PROJECT NUMBER	NAME OF PROJECT/PROGRAM	7 REGIONS TOTAL BUDGET (1)	SHARQIYA REGION BUDGET (2)	SHARE BY REGION (%) (2)/(1)	SHARE BY SECTOR (%)
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally- Controlled Water-Distribution System	357,397 60,990	45,586 3,060	12.8 5.0	65.4 4.4
	NW-2	Subsidy for New Irrigation System Project	37,500	4,875	13.0	7.0
	NH-3	Legal Framework for Agricultural Water Use	250	38	15.2	0.1
	NH-4	Recharge Dams	86,633	8,401	9.7	12.0
	NY-5	Sub-surface (Underground) Dams	5,000	35	0.7	0.1
	NV-6	Aflaj	113,420	19,830	17.5	28.4 11.0
	NV-7 NV-8	Wells Springs	30,240 5,914	7,638	25.3	11.0
	NW-9	Erosion Control and Protection of Agricultural Land against Floods	11,510	1,050	9.1	1.5
	NW-10	Survey and Monitoring	5,940	659	11.1	0.9
	1		18,200	2,050	11.3	2.9
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300	850	16.0	1.2
Research	NAR-2	Establishment of New Research Units and Laboratories	5,600			
	NAR-3	Development and Establishment of Experimental Farms and Nurseries	2,000	300	15.0	0.4
•	NAR-4	Forestry-Improvement Program	2,000	300	15.0	0.4
	NAR-5	Establishment of Locust Survey and Central Unit	2,000 1,300	300 300	15.0 23.1	0.4
·	NAR-6	Soil Surveys	24,000	4,676	19.5	6.7
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	4,470	611	13.7	0.9
	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190	·		
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	265	10.5	0.4
	NAE-4	Intensive Extension Guidance Program	15,820	3,800	24.0	5.4
			25,060	3,255	13.0	4.7
Agricultural	NAA-1	Collection and Organization of Agricultural Statistics	2,560	384	15.0	
Production	NAA-2	Agricultural Exhibitions and Festivals	1,400 10,000	1,400	5.1 14.0	2.0
	NAA-3 NAA-4	National Project for Plant Protection and Aerial Spraying Agricultural Technology Transfer to Farmers Project	10,000	1,400	14.0	2.0
	NAQ-1	Development and Improvement of Plant Quarantine	1,100	1,100		
	1,1,14	Total photo und Improvidente of Trains quartering	79,320	7,580	9.6	10.9
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552			
	NLL-2	Animal Health and Disease Control Project	31,424	3,227	10.3	4.6
		Livestock Extension Development Project	632	36	5.7	0.1
		Livestock Research Development Project	6,550	100		
		Livestock Marketing Improvement Project	7,604 1,359	108	1.4	0.2
	NLL-3 NLL-4	Livestock Input Company Project Small Farm Development Support Project	25,899	3,933	15.2	5.6
	NLL-5	Livestock Specialized Services Program	2,300	276	12.0	0.4
······································	I IVDII O	arrobook operation but the recovery	30,068	2,843	9.5	4.1
Distribution	ND-1	Establishment of Wholesale Market	18,326	1,682	9.2	2.4
	ND-2	Supply and Demand Forecast of Agricultural Produce	444			
	ND-3	Establishment of Shipping Organization for Farmers	1,220	165	13.5	0.2
	ND-4	Fortification of PAMAP	10,078	997	9.9 7.0	1.1
Agricultural Produce	NP-1	Establishment of Private Company for Agro-Industry and	10,918 5,100	765 765	15.0	1.1
Processing	NP-2	Supply of Agricultural Inputs and Services Establishment of Agro-Industrial Complex for Processing of Dates, Limes and Tomatoes	1,410			
	NP-3 NP-4	Establishment of Pickling and Vinegar-Processing Plant Establishment of Coconut-Processing Plant	1,782 2,626			
<u>`</u>	111 -4	rational of Anomine Hacesonia train	43,644	2,990	6.9	4.3
Inter-Sectoral	NI-1	Integrated Agricultural Development Project in Nejd	16,553		<u>-</u>	
	NI-2	Improvement and Maintenance of MAF Facilities	20,991	2,450	11.7	3.5
	NI-3	Artificial Rainfall Project	2,500			
	0I-1 0I-2	Citizen's Compensation against Natural Crisis Master Plan for Development of Date Palm Cultivation	3,000 600	450 90	15.0 15.0	0.6
Total			588,606	69,746	11.8	100.0

both existing and new extension centers.

(3) Livestock

- Strengthening of facilities at existing Livestock Research Center at Wadi Quriyat.
- Consulting service to operate modern research facilities and transfer of technology regarding the same.
- Strengthening of facilities at one existing animal clinic.
- Promotion of artificial insemination and improvement of dairy cow breed for medium and small dairy farmers in areas adjacent to the capital region.
- Establishment of a poultry breeding farm for supply of broilers under Livestock Input Company at Wadi Quriyat .
- Establishment of 670 small poultry holders under subsidy program.
- Other livestock project load to be carried out in proportion to number of livestock in the region.

(d) Others

- Strengthening of existing Directorate General of Agriculture facilities at Nizwa.
- Establishment of local wholesale markets at Nizwa and Samail.
- New construction and strengthening of existing distribution facilities under PAMAP.
- Strengthening of facilities at MAF date processing plant at Nizwa.
- Establishment of pickling plant at Bahla.

Breakdown and sectoral share for investment in the Dakhliya Region are shown in Table 6.4.5.

(5) Dhahira

(a) Irrigation and dams

- Construction of recharge dams, modern irrigation facilities and centrally controlled water distribution systems for groundwater recharge and economical water use. Although locally there are both areas of excessive drafting and areas of resource surplus in

Table 6.4.5 Regional Budget in Dakhliya - 10-Year Plan

SECTOR	PROJECT NUMBER		1000 R.O.) 7 REGIONS TOTAL BUDGET (1)	DAKHLIYA REGION BUDGET (2)	SHARE BY REGION (%) (2)/(1)	SHARE BY SECTOR (%)
	 		357,397	83,274	23.3	76.5
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally- Controlled Water-Distribution System	60,990	9,300	15.2	8.5
	NW-2	Subsidy for New Irrigation System Project	37,500	5,250	14.0	4.8
	NW-3	Legal Framework for Agricultural Water Use	250	35	14.0	0.0
	NH-4	Recharge Dams	86,633	13,373	15.4	12.3
	NW-5	Sub-surface (Underground) Dams	5,000	2,130	42.6	2.0
	NW-6	Aflaj	113,420	40,810	36.0	37.5
	NW-7	Wells	30,240	5,434	18.0	5.0
	NN-8	Springs	5,914			
	NW-9	Erosion Control and Protection of Agricultural Land against Floods	11,510	5,700	49.5	5.2
	NW-10	Survey and Monitoring	5,940	1,242	20.9	1.1
			18,200	2,185	12.0	2.0
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300	850	16.0	8.0
Research	NAR-2	Establishment of New Research Units and Laboratories	5,600	75	1.3	0.1
	NAR-3	Development and Establishment of Experimental Farms and Nurseries	2,000	550	27.5	0.5
•	NAR-4	Forestry-Improvement Program	2,000	280	14.0	0.3
	NAR-5	Establishment of Locust Survey and Central Unit	2,000	280	14.0	0.3
	NAR-6	Soil Surveys	1,300	150	11.5	0.1
			24,000	4,523	18.8	4.2
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	4,470	937	21.0	0.9
	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190			
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	326	12.9	0.3
	NAE-4	Intensive Extension Guidance Program	15,820	3,260	20.6	3.0
,			25,060	2,629	<u>10.5</u>	2.4
Agricultural	NAA-1	Collection and Organization of Agricultural Statistics	2,560	358	14.0	0.3
Production	NAA-2	Agricultural Exhibitions and Festivals	1,400	71	5.1	0.1
	NAA-3	National Project for Plant Protection and Aerial Spraying	10,000	1,100	11.0	1.0
	NAA-4	Agricultural Technology Transfer to Farmers Project	10,000	1,100	11.0	1.0
	NAQ-1	Development and Improvement of Plant Quarantine	1,100			
			79,320	9,389	11.8	8.6
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552	0.040		
		Animal Health and Disease Control Project	31,424	2,649	8.4	2.4
		Livestock Extension Development Project	632	30	4.7	0.0
		Livestock Research Development Project	6,550	1,973	30.1	1.8
	NLH-1	Livestock Marketing Improvement Project	7,604	100	1.3	0.1
		Livestock Input Company Project	1,359	376	27.7	0.3 3.7
	NLL~4	Small Farm Development Support Project	25,899	4,031	15.6	0.2
	NLL~5	Livestock Specialized Services Program	2,300 30,068	230 2,745	10.0 9.1	2.5
Distribution	MD 1	Establishment of Wholesale Market	18,326	1,682	9.2	1.5
Distribution	ND-2	Supply and Demand Forecast of Agricultural Produce	444	1,002	0.2	1.0
		Establishment of Shipping Organization for Farmers	1,220	165	13.5	0.2
	ND-3 ND-4	Fortification of PAMAP	10,078	899	8.9	0.8
	מה ביינה	FOR LITTCACTOR OF PANAP	10,918	1,293	11.8	1.2
Agricultural Produce Processing	NP-1	Establishment of Private Company for Agro-Industry and Supply of Agricultural Inputs and Services	5,100	714	14.0	0.7
TITUESSING	NP-2	Establishment of Agro-Industrial Complex for Processing of Dates, Limes and Tomatoes	1,410	495	35.1	0.5
	NP-3 NP-4	Establishment of Pickling and Vinegar-Processing Plant Establishment of Coconut-Processing Plant	1,782 2,626	84	4.7	0.1
	1111 1	nountitamment of occount frocessing front	43,644	2,874	6.6	2.6
Inter-Sectoral	NI-I	Integrated Agricultural Development Project in Nejd	16,553		<u>v.v</u>	
mici beceviai	NI-2	Improvement and Maintenance of MAF Facilities Artificial Rainfall Project	20,991 2,500	2,370	11.3	2.2
	01-1	Citizen's Compensation against Natural Crisis	3,000	420	14.0	0.4
	01-1 01-2	Master Plan for Development of Date Palm Cultivation	5,000 600	84	14.0	0.1
Total	. 1		588,606	108,912	18.5	100.0

the region, the overall trend in Dhahira is one of overdrafting of groundwater. Recharge dams would be constructed at seven locations and pilot projects for centrally controlled irrigation at four locations for a total benefit area of 650 ha.

- New irrigation and falaj rehabilitation project load would be in proportion to cropped area in the region.
- A proportionately heavier outlay would be made for the Buraimi area at the border with UAE.

(b) Agriculture

- Establishment of new agricultural research station at Ibri.
- Establishment of three extension sub-centers in remote areas.
- Relatively heavier outlay under the date extension program, given the superior quality of dates grown in the region.
- Strengthening of existing facilities at one existing plant quarantine station, and new establishment of one station.
- Remaining program outlay in proportion to cropped area in the other region.
- Establishment of Agricultural Technology Information Units in both existing and new extension centers.

(c) Livestock

- Establishment of one new animal clinic.
- Establishment of two new animal quarantine stations.
- Establishment of 295 small poultry holders under subsidy program.
- Other livestock project load to be carried out in proportion to number of livestock in the region.

(d) Others

- Strengthening of existing Directorate General of Agriculture facilities at Ibri.
- Establishment of wholesale markets at Ibri and Buraimi.

Breakdown and sectoral share for investment in the Dhahira Region are shown in Table 6.4.6.

(6) Janubiya

Table 6.4.6 Regional Budget in Dhahira - 10-Year Plan

SECTOR	PROJECT NUMBER	NAME OF PROJECT/PROGRAM	7 REGIONS TOTAL BUDGET (1)	DHAHIRA REGION BUDGET (2)	SHARE BY REGION (%) (2)/(1)	SHARE BY SECTOR (%)
			357,397	53,487	15.0	71.4
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally- Controlled Water-Distribution System	60,990	7,050	11.6	9.4
	NH-2	Subsidy for New Irrigation System Project	37,500	3,375	9.0	4.5
	MK-3	Legal Framework for Agricultural Water Use	250	25	10.0	0.0
	NW-4	Recharge Dams	86,633	13,122	15.1	17.5
	NK-5	Sub-surface (Underground) Dams	5,000	35	0.7	0.0
	NW~6	Aflaj	113,420	21,050	18.6	28.1 9.4
	NW-7 NW-8	Wells Springs	30,240 5,914	7,024	23.2	9.4
	NW-9	Erosion Control and Protection of Agricultural Land against Floods	11,510	1,050	9.1	1.4
	NW-10	Survey and Monitoring	5,940	756	12.7	1.0
	110 10	Dai 103 una nont con 118	18,200	1,400	7.7	1.9
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300	600	11.3	0.8
Research	NAR-2	Establishment of New Research Units and Laboratories	5,600			
	NAR-3	Development and Establishment of Experimental Farms and Nurscries	2,000	250	12.5	0.3
	NAR-4	Forestry-Improvement Program	2,000	200	10.0	0.3
	NAR-5	Establishment of Locust Survey and Central Unit	2,000	200	10.0	0.3
	NAR-6	Soil Surveys	1,300	150	11.5	0.2
			24,000	3,428	14.3	4.6
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	4,470	743	16.6	1.0
	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190			
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	285	11.3	0.4
	NAE-4	Intensive Extension Guidance Program	15,820	2,400	15.2	3.2
			25,060	2,527	10.1	3.4
Agricultural		Collection and Organization of Agricultural Statistics	2,560	256	10.0 5.1	0.3
Production	NAA-2 NAA-3	Agricultural Exhibitions and Festivals National Project for Plant Protection and Aerial Spraying	1,400	71 900	9.0	1.2
		Agricultural Technology Transfer to Farmers Project	10,000	900	9.0	1.2
	NAQ-1	Development and Improvement of Plant Quarantine	1,100	400	36.4	0.5
	1	Bereropaette und improvemente ox i iune quartitatio	79,320	8,051	10.2	10.7
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552			
		Animal Health and Disease Control Project	31,424	4,575	14.6	6.1
	NLE-1	Livestock Extension Development Project	632	36	5.7	0.0
		Livestock Research Development Project	6,550	•		
		Livestock Marketing Improvement Project	7,604	108	1.4	0.1
		Livestock Input Company Project	1,359	9 070	11 0	4.1
		Small Farm Development Support Project	25,899	3,056 276	11.8	4.1 0.4
· · · · · · · · · · · · · · · · · · ·	NLL-5	Livestock Specialized Services Program	2,300 30,068	3,087	$\frac{12.0}{10.3}$	4.1
Distribution	ND-1	Establishment of Wholesale Market	18,326	2,468	13.5	3.3
DISCI LUUCION	ND-2	Supply and Demand Forecast of Agricultural Produce	444	5,300		
	ND-3	Establishment of Shipping Organization for Farmers	1,220	165	13.5	0.2
	ND-4	Fortification of PAMAP	10,078	455	4.5	0.6
.5 -			10,918	510	4.7	0.7
Agricultural Produce Processing	NP-1	Establishment of Private Company for Agro-Industry and Supply of Agricultural Inputs and Services	5,100	510	10.0	0.7
	NP-2	Establishment of Agro-Industrial Complex for Processing of Dates, Limes and Tomatoes	1,410		<u> </u>	
	NP-3	Establishment of Pickling and Vinegar-Processing Plant	1,782			ļ
	NP-4	Establishment of Coconut-Processing Plant	2,626			
			43,644	2,410	5.5	3.2
Inter-Sectoral	NI-1	Integrated Agricultural Development Project in Nejd	16,553	0.050		
•	NI-2	Improvement and Maintenance of MAF Facilities	20,991	2,050	9.8	2.7
	NI-3	Artificial Rainfall Project	2,500	200	10.0	n 4
		Citizen's Compensation against Natural Crisis Master Plan for Development of Date Palm Cultivation	3,000 600	300 60	10.0 10.0	0.4 0.1
Total			588,606	74,901	12.7	100.0

(a) Irrigation and dams

- Irrigation project in the central Salalah plain to counter water resource depletion, and one recharge dam at Wadi Darbart where water resources are plentiful.
- Construction of one centrally controlled water distribution system at the Salalah plain with benefit area of 500 ha.
- New irrigation and falaj rehabilitation project load in proportion to cropped area in the region.
- Improvement of 300 out of the 400 springs scattered throughout the Jabal Region as livestock water source.
- Integrated Agricultural Development in Nejd Region on confirmed aquifer development based on the results of the JICA study. Development would start with a 50 ha pilot project to be monitored for subsequent implementation of a project with benefit area of 500 ha. At present, MAF is conducting a separate study aimed at development of 1,000 ha in the same area, and project scale under the Master Plan would be subject to modification as the results of this study become known.

(b) Agriculture

- Strengthening of facilities at the existing Salalah Agricultural Research Station. This was originally planned under the Third Five-year Development Plan and then postponed for implementation under the next Five-year Development Plan.
- Establishment of a new nursery for coconuts, papayas, etc. adjacent to the Salalah Agricultural Research Station.
- Establishment of an Arabian coffee experimental farm in the Jabal Region.
- Establishment of research facilities for irrigation, honey bees, and medicinal and perfume plants.
- Agricultural extension facilities to be established under Nejd pilot project.
- Wide-scale soil survey for implementation of Integrated Agricultural Development for the Nejd Region Project.
- Research and project implementation towards afforestation in the Jabal Region.

- Strengthening of facilities at one existing plant quarantine station and establishment of one new station.
- Establishment of Agricultural Technology Information Units in both existing and new extension centers.

(c) Livestock

- Rangeland Revegetation Project to preserve 200,000 ha of rangeland.
- Strengthening of facilities at eight existing animal clinics, and construction of five new facilities.
- Establishment of one new veterinary laboratory at Salalah.
- Strengthening of facilities at the existing Salalah Livestock Research Center and consultancy services in modern research management.
- Establishment of the Company for Livestock Products through both public and private financing.
- Establishment of training center adjacent to Salalah Livestock Research Center for training key farmers.
- Construction and operation of livestock processing plant, and guidance in marketing distribution and subsidy from the government for the on-going destocking project.
- Establishment of a fattening farm by the public corporation at Nejd to upgrade beef quality.
- Establishment of small new animal quarantine stations at two locations.
- Establishment of 480 small poultry holders under subsidy program.
- Other livestock project load to be carried out in proportion to number of livestock in the region.

(d) Others

- Strengthening of existing Directorate General of Agriculture facilities at Salalah.
- Establishment of a central wholesale market at Salalah.
- ~ New construction and strengthening of distribution of facilities under PAMAP.
- Construction of new coconut processing plant at Salalah.

Breakdown and sectoral share for investment in the Janubiya Region are shown in Table 6.4.7.

(7) Musandam

(a) Irrigation and dams

- Construction of a recharge dam at one site.
- New irrigation and falaj rehabilitation project load in proportion to cropped area in the region.

(b) Agriculture

- Construction of new experimental farm at Khasab.
- Construction of two new extension sub-centers in remote areas.
- Remaining program outlay in proportion to cropped area in the region.
- Establishment of Agricultural Technology Information Units in both existing and new extension centers.

(d) Livestock

- Establishment of one new livestock quarantine station.
- Establishment of 45 small poultry holders under subsidy program.
- Other livestock project load to be in proportion to number of livestock in the region.

(e) Others

- Strengthening of existing Directorate General of Agriculture facilities at Khasab.

Breakdown and sectoral share for investment in the Musandam Region are shown in Table 6.4.8.

Table 6.4.7 Regional Budget in Janubiya - 10-Year Plan

		(UNIT:	1000 R.O.)			
SECTOR	PROJECT NUMBER	NAME OF PROJECT/PROGRAM	7 REGIONS TOTAL BUDGET (1)	JANUBIYA REGION BUDGET (2)	SHARE BY REGION (%) (2)/(1)	SHARE BY SECTOR (%)
	 		357,397	15,306	4.3	18.4
Irrigation and Dam	NW-1	Improvement of Irrigation System and Centrally- Controlled Water-Distribution System	60,990	4,620	7.6	5.6
	NW-2	Subsidy for New Irrigation System Project	37,500	2,250	6.0	2.7
* * * * * * * * * * * * * * * * * * * *	NW-3	Legal Framework for Agricultural Water Use	250	8	3.2	0.0
	NY-4	Recharge Dams	86,633	1,450	1.7	1.7
	NW-5	Sub-surface (Underground) Dams	5,000	35	0.7	0.0
	NW-6	Aflaj	113,420	900	1.0	0.4
	NW-7	Wells	30,240	307	1.0	7.1
	NY-8 NY-9	Springs Erosion Control and Protection of Agricultural Land against Floods	5,914 11,510	5,914 525	100.0 4.6	0.6
	NW-10	Survey and Monitoring	5,940	197	3.3	0.2
	1111_10	outter and nonitoring	18,200	2,985	16.4	3.6
Agricultural	NAR-1	Support for Agricultural Research Stations	5,300	1,000	18.9	1.2
Research	NAR-2	Establishment of New Research Units and	5,600	275	4.9	0.3
Research	NAR-3	Laboratories Development and Establishment of Experimental Farms	2,000	350	17.5	0.4
		and Nurseries				
	NAR-4	Forestry-Improvement Program	2,000	600 60	30.0 3.0	0.7
	NAR-5	Establishment of Locust Survey and Central Unit	2,000	700	53.8	0.1
	NAR-6	Soil Surveys	1,300	1,277	5.3	1.5
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	24,000 4,470	433	9.7	0.5
DA CONOZON	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190			
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	334	13.3	0.4
	NAE-4	Intensive Extension Guidance Program	15,820 25,060	510 2,025	3.2 8.1	0.6 2.4
Agricultural	NAA-1	Collection and Organization of Agricultural Statistics	2,560	154	6.0	0.2
Production		Agricultural Exhibitions and Festivals	1,400	71	5.1	0.1
110000000000000000000000000000000000000	NAA-3	National Project for Plant Protection and Aerial Spraying	10,000	700	7.0	0.8
	NAA-4	Agricultural Technology Transfer to Farmers Project	10,000	700	7.0	0.8
		Development and Improvement of Plant Quarantine	1,100	400	36.4	0.5
	1	AND THE RESIDENCE OF THE PARTY	79,320	33,061	41.7	39.8
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552	3,552	100.0	4.3
		Animal Health and Disease Control Project	31,424	11,692	37.2	14.1
•		Livestock Extension Development Project	632	271	42.9	0.3
•		Livestock Research Development Project	6,550	2,131	32.5	2.6
		Livestock Marketing Improvement Project	7,604	6,988	91.9	8.4
		Livestock Input Company Project	1,359			
		Small Farm Development Support Project	25,899	7,621	29.4	9.2
		Livestock Specialized Services Program	2,300	805	35.0	1.0
			30,068	4,694	15.6	5.6
Distribution	ND-1	Establishment of Wholesale Market	18,326	2,783	15.2	3.3
	ND-2	Supply and Demand Forecast of Agricultural Produce	444			
4.00	ND-3	Establishment of Shipping Organization for Farmers	1,220	165	13.5	0.2
	ND-4	Fortification of PAMAP	10,078	1,746	17.3	2.1
	l		10,918	2,779	25.5	3.3
Agricultural Produce Processing	NP-1	Establishment of Private Company for Agro-Industry and Supply of Agricultural Inputs and Services	5,100	153	3.0	0.2
:"	NP-2	Establishment of Agro-Industrial Complex for Processing of Dates. Limes and Tomatoes	1,410			
	NP-3	Establishment of Pickling and Vinegar-Processing Plant	1,782		100 0	
	NP-4	Establishment of Coconut-Processing Plant	2,626	2,626	100.0	3.2
			43,644	20,951	48.0	25.2
Inter-Sectoral	NI-1	Integrated Agricultural Development Project in Nejd	16,553	16,553	100.0	19.9
	NI-2	Improvement and Haintenance of MAF Facilities	20,991	1,790	8.5	2.2
	NI-3	Artificial Rainfall Project	2,500	2,500	100.0	3.0
	01-1	Citizen's Compensation against Natural Crisis	3,000	90	3.0	0.1
	01-2	Haster Plan for Development of Date Palm Cultivation	600	18	3.0	
Total			588,606	83,078	14.1	100.0

Table 6.4.8 Regional Budget in Musandam - 10-Year Plan

SECTOR	PROJECT NUMBER		TOTAL BUDGET	MUSANDAM Region Budget	SHARE BY REGION (%)	SHARE BY SECTOR (%)
			$\frac{(1)}{357,397}$	(2) 3,104	(2)/(1) 0.9	38.4
Irrigation and Dam	NII 4	Improvement of Irrigation System and Centrally-	60,990	3,104	0.9	30.4
	NH-1	Controlled Water-Distribution System	00,000			
	NW-2	Subsidy for New Irrigation System Project	37,500	375	1.0	4.6
	N₩-3	Legal Framework for Agricultural Water Use	250	6	2.4	0.1
	NV4	Recharge Dams	86,633	2,400	2.8	29.7
	NN-5	Sub-surface (Underground) Dams	5,000			
	NW-6	Aflaj	113,420	205	0.7	2.5
	NW-7	Wells Springs	30,240 5,914	203	U. 1	4.5
	NW-8 NW-9	Erosion Control and Protection of Agricultural Land	11,510			7
	NW-10	against Floods Survey and Monitoring	5,940	118	2.0	1.5
	1111 10	Out (c) and isomeoning	18,200	180	1.0	2.2
Agricultural Research	NAR-1	Support for Agricultural Research Stations	5,300			
	NAR-2	Establishment of New Research Units and Laboratories	5,600			
	NAR-3	Development and Establishment of Experimental Farms	2,000	100	5.0	1.2
	NAR-4	and Nurseries Forestry-Improvement Program	2,000	- 40	2.0	0.5
	NAR-5	Establishment of Locust Survey and Central Unit	2,000	40	2.0	0.5
	NAR-6	Soil Surveys	1,300			
			24,000	852	3.6	10.6
Agricultural Extension	NAE-1	Improvement and Development of Extension Centers and Facilities	4,470	284	6.4	3.5
	NAE-2	Establishment of Development Support Communication Center(DSCC)	1,190			
	NAE-3	Training of Researchers, Extension Staff and Statistics Staff	2,520	88	3.5	1.1
	NAE-4	Intensive Extension Guidance Program	15,820	480	3.0	5.9
	ine a	Inteligite execution adjusted tropical	25,060	522	2.1	6.5
Agricultural Production	NAA-1	Collection and Organization of Agricultural Statistics	2,560	51	2.0	0.6
	NAA-2	Agricultural Exhibitions and Festivals	1,400	71	5.1	0.9
	NAA-3	National Project for Plant Protection and Aerial Spraying	10,000	200	2.0	2.5
		Agricultural Technology Transfer to Farmers Project	10,000	200	2.0	2.5
	NAQ-1	Development and Improvement of Plant Quarantine	1,100 79,320	1,740	2.2	21.5
Livestock	NLL-1	Rangeland Revegetation Project in Southern Region	3,552	1,1110	2.0	91.5
		Animal Health and Disease Control Project	31,424	988	3.1	12.2
		Livestock Extension Development Project	632	9	1.4	0.1
	NLR-1	Livestock Research Development Project	6,550			
		Livestock Marketing Improvement Project	7,604	13	0.2	0.2
	NLL-3	Livestock Input Company Project	1,359	cco	2.5	8.2
		Small Farm Development Support Project	25,899 2,300	66 <u>0</u> 69	$\frac{2.3}{3.0}$	0.9
	NLL-5	Livestock Specialized Services Program	30,068	91	0.3	1.1
Distribution	ND-1	Establishment of Wholesale Market	18,326			
	ND-2	Supply and Demand Forecast of Agricultural Produce	444			
	ND-3	Establishment of Shipping Organization for Farmers	1,220			
	ND-4	Fortification of PAMAP	10,078	91	0.9	1.1
			10,918	102	0.9	1.3 1.3
Agricultural Produce Processing	NP-1	Establishment of Private Company for Agro-Industry and Supply of Agricultural Inputs and Services	5,100	102	2.0	1.0
	NP-2	Establishment of Agro-Industrial Complex for Processing	1,410			
		of Dates, Limes and Tomatoes	1 700			ļ
	NP-3	Establishment of Pickling and Vinegar-Processing Plant	1,782		\ <u>-</u>	ļ
	NP-4	Establishment of Coconut-Processing Plant	2,626 43,644	1,482	3.4	18.4
Inter-Sectoral	NI-1	Integrated Agricultural Development Project in Nejd	16.553	1,702		1
	NI-2	Integrated Agricultural Development Project in Nejural Improvement and Maintenance of MAF Facilities	20,991	1,410	6.7	17.5
	NI-3	Artificial Rainfall Project	2,500			
						0.0
		Citizen's Compensation against Natural Crisis	3,000	60	2.0	
	0I-1 0I-2	Citizen's Compensation against Natural Crisis Master Plan for Development of Date Palm Cultivation	3,000 600	60 12	2.0 2.0	0.7