

附表1 ジャナカプール・ゾーンの
農業統計

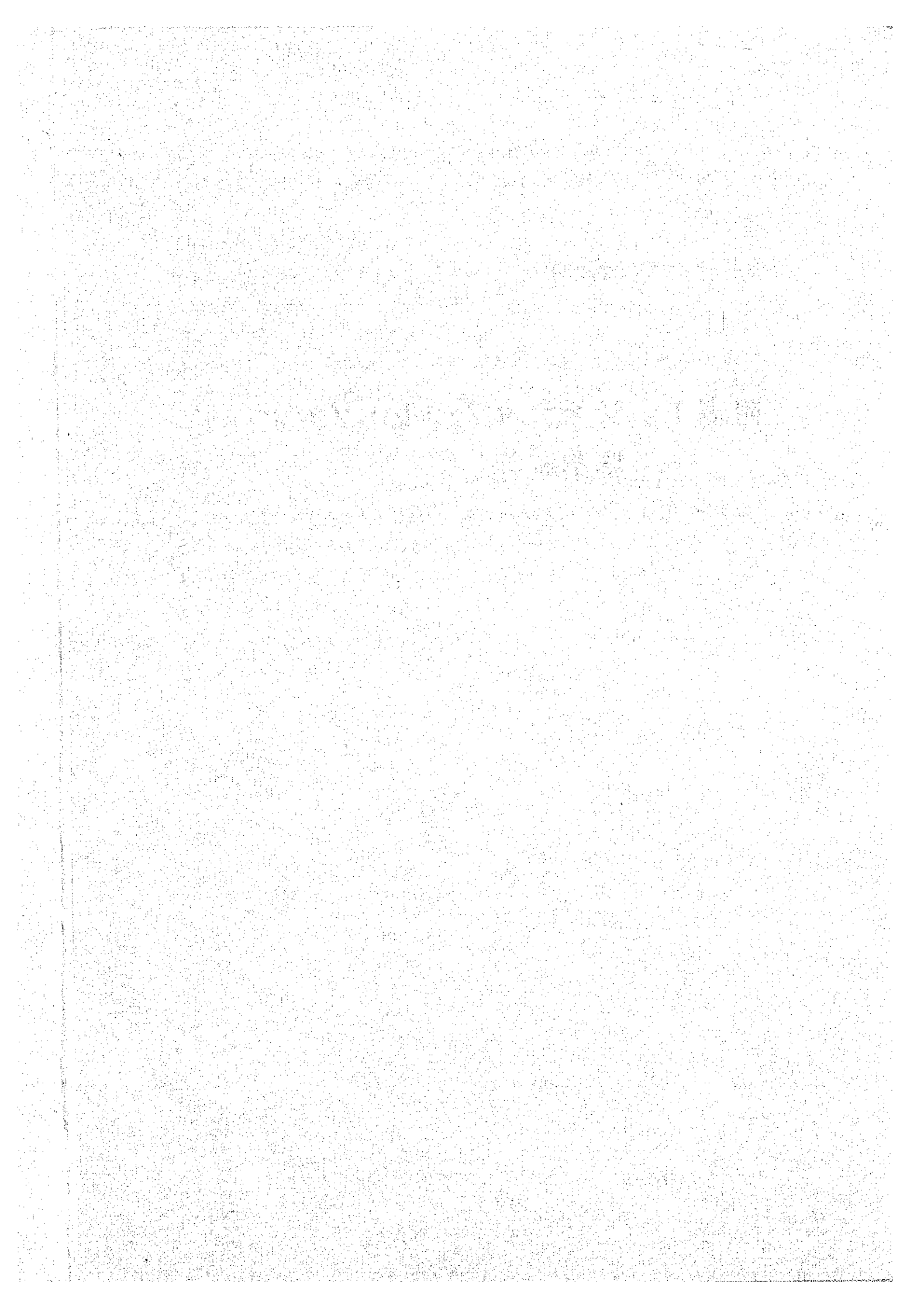


Table 2 - 1 GENERAL CONDITION OF JANAKPUR ZONE

Item	District name	Area (10 ³) (1) (Ha)	Culti-vated land (10 ⁵) (2) (Ha)	Ratio of culti-vated land (%)	Number of village	Population (person) (3)	No. of house hold (4)	Persons per house hold (3)/(4)	Culti-vated land/house hold (2)/(4)	Persons per area (3)/(1)	Persons per culti-vated land (3)/(2)	Culti-vated land/capital (2)/(3)
	Dolakha	198	6.0	3.0	38	130022	25306	5.1	0.24	0.7	21.7	0.05
Hill	Ramechhap	137	12.5	9.1	38	157349	29092	5.4	0.43	1.2	12.6	0.08
	Sindhuli	259	14.0	5.4	36	147409	24871	5.9	0.56	0.6	10.5	0.09
	Sub-total	396	26.5	6.7	74	304758	53963	5.6	0.49	0.8	11.5	0.09
Terai	Sarlahi	138	48.6	35.2	61	175543	33595	5.2	1.45	1.3	3.6	0.28
	Mahottari	125	95.8	76.6	55	324831	62249	5.2	1.54	2.6	3.4	0.29
	Dhanusha	119	100.2	84.2	68	330601	64454	5.1	1.55	2.8	3.3	0.29
	Sub-total	382	244.6	64.0	184	830975	160298	5.2	1.53	2.2	3.4	0.29
	Grand total	778	271.1	34.8	258	1135733	214261	5.3	1.27	1.4	4.2	0.24

Note : source area : Agricultural Statistics of Nepal 1972.

Population & house hold : Population Census 1971.

Number of village : Taken from the F/Y of 77/78.

Dolakha district is not included in the total.

Table 2-2 COMPARISON OF TERAI AND HILL IN JANAKPUR ZONE

	Terai	Hill	Remarks
Topography	even	steep slope	
Altitude (m)	60--150	1000--3000	
Area (x 10 ³ ha)	382	396	
Cultivated land (x10 ³ ha)	245	27	
Rate of cultivated land (%)	64	7	Excepting Siwalik range, this is about 85% in Terai.
Land distribution of farmers	below 0.5 ha 40 % 0.5-- 2.0 39 above 2.0 21	below 0.5 ha 73 % 0.5 - 2.0 25 above 2.0 2	
Cultivated land per household (ha)	1.54	0.49	
Main crops	paddy, wheat, maize	maize, paddy, millet	
Farming	extensive	intensive	
Agricultural production (x 10 ³ Rs.)	foodcrops 507899 cash crops 66539 total 574438	foodcrops 88408 cashcrops 32445 total 120853	Average of 72/73 to 76/77 (reference to table 2-3)
Persons per cultivated land (per./ha)	3.4	11.5	
Cultivated land per capital (ha)	0.29	0.09	

table 2-3 AGRICULTURE VALUE AVERAGE FROM 67/68 TO 72/73 AND FROM 72/73 TO 76/77

(x 10³)

Year Region Crops	67/68--71/72			72/73--76/77			Remarks
	Hills	Teral	Total	Hills	Teral	Total	
Paddy	34,520	428,004	462,524	35,899	407,471	443,370	
Maize	33,670	31,997	65,667	42,172	29,310	71,482	
Wheat	3,828	15,347	19,175	3,589	66,500	70,089	
Millet	4,687	3,686	8,373	6,582	3,966	10,548	
Barley	89	655	744	166	644	810	
Sub-total	76,794 (14)	479,689 (86)	556,483 (100)	38,408 (15)	507,899 (85)	596,307 (100)	Annual gr- oth of 14%
Potatoes	16,218	16,319	32,537	22,003	20,738	42,741	
Oilseed	10,062	8,953	19,015	9,586	13,207	22,793	
Sugarcane	302	843	1,144	311	3,428	3,739	
Tobacco	492	45,103	45,595	528	29,018	29,546	
Jute	25	177	202	17	148	165	
Sub-total	27,098 (27)	71,395 (73)	98,493 (100)	32,445 (33)	66,539 (67)	98,984 (100)	Annual gr- oth of 0 %
Grand -total	103,892	551,084	654,976	120,853	574,438	695,291	Annual gr- oth of 0 %

table 2-4 IRRIGATED AREA IN JHARKHAND ZONE

	Terai	Hill	Total
Cultivated land (1) (ha)	244,600	26,500	271,100
Irrigated area (2) present (ha)	39,000	6,000	45,000
Irrigatable area in future increasing area (ha)	30,250	2,450	32,700
Total (3)	69,250	8,450	77,700
Present (2)/(1) (%)	16	22	16.5
Future (3)/(1)	28	31	28.5

Remarks;

(1) The items of irrigatable area in future.

Shallow tube well plan: Terai 19050 ha,
Hill --

Minor irrigation plan : Terai 11200
Hill 2450

(2) Irrigatable area in future is quoted
from Long Term Plan of J.A.D.?

table 3-1 ANNUAL PROGRESS

Items	Year	1971	1972	1973	1974	1975	1976	1977	1978	1979
R/D		Nov. 26			Nov. 6					
Agreement					Nov. 7					Nov. 6
ADOs					July 17 Terai 3	July 17 Sindhuli	July 17 Ramechhap			
Extension & training										
Janakpur Hort. Farm										
(1) Project Center Building				Apri.				July		
Administration & Workshop										
Planning & Coordination										
(2) Hardinath Agri. Farm Building						Jan.		July		
Farm trial, training, multiplication & seed distribution										
(3) I.A.P. Tube well works						3	4	2		
Canal										
Basic survey, planning & establishment of committee										
(4) Hill Development Sindhuli agri f. Survey & guid					1.2 ha		4.7 ha			
Hill development programme										
(5) Technical cooperation aid										
(6) Ware house										

table 4-1 ORGANIZATION CHART (1)

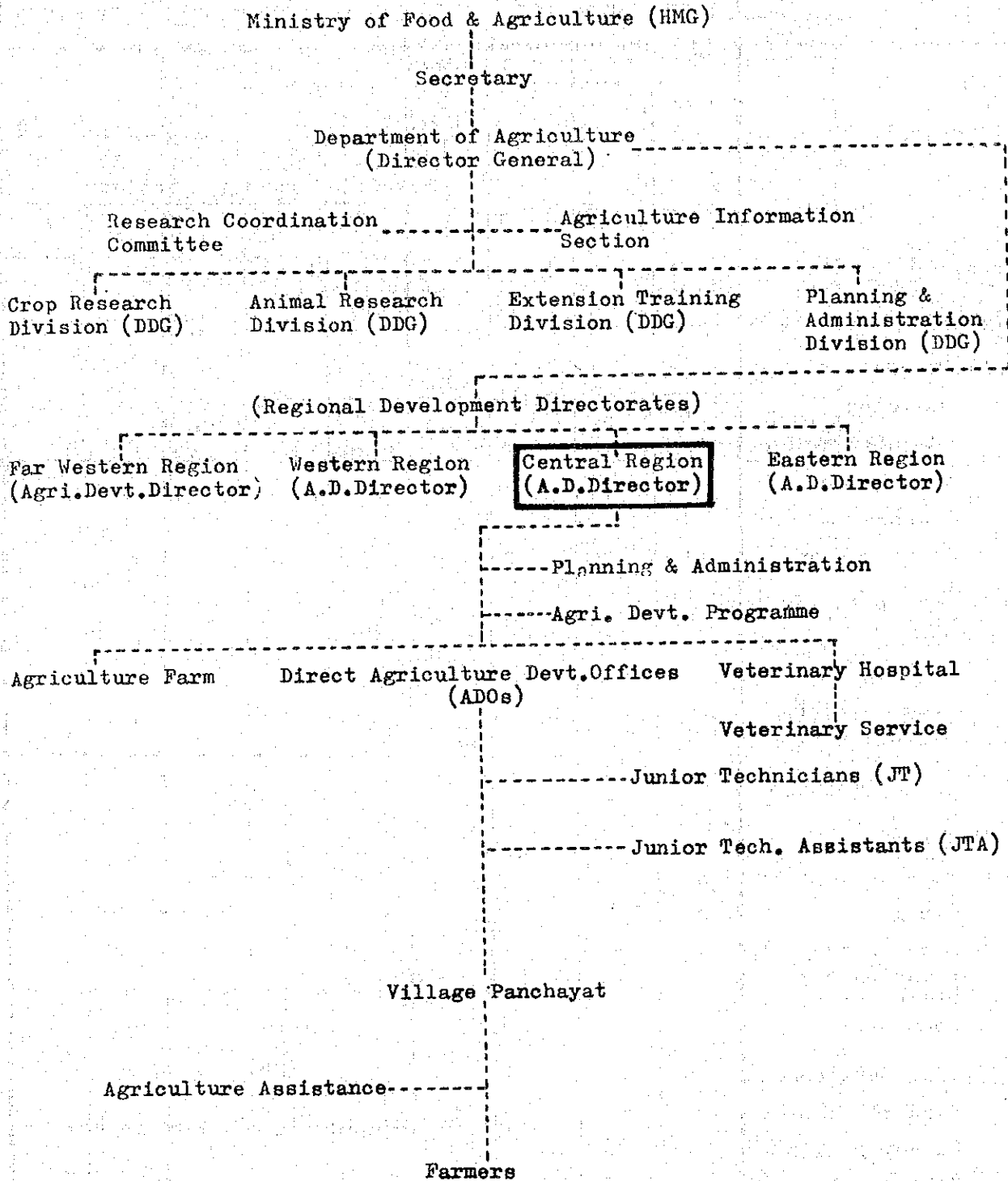


table 4-2 Organization Chart (2)

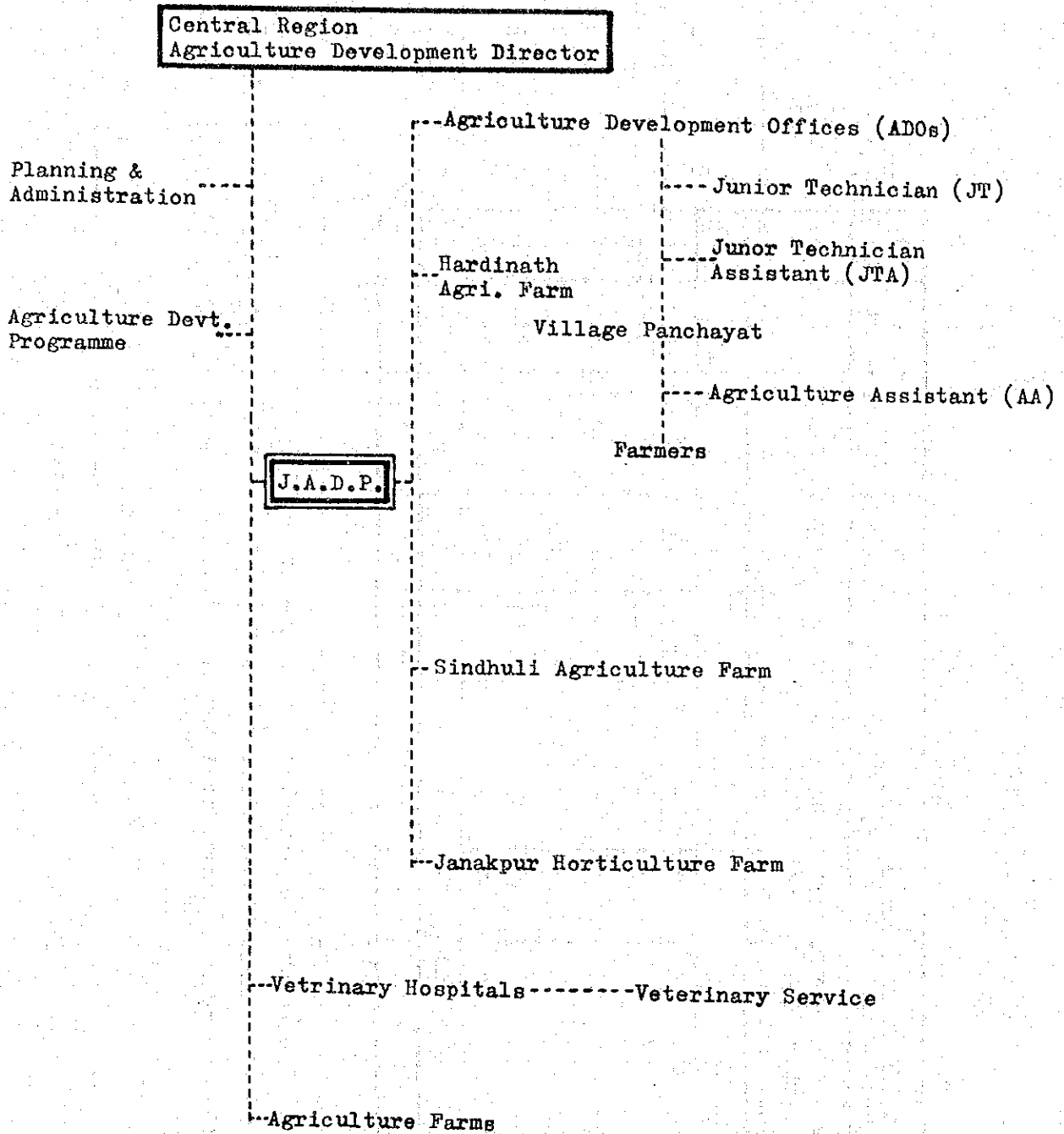


table 5-1 MAN POWER OF J.A.D.P. (78/79 F/Y)

	Gazetted			Nongazetted				Sub-total	Peon	Grand-total	A.A
	1st	2nd	3rd	1st	2nd	3rd	4th				
Approved establishment	1 (1)	5 (5)	18 (18)	38 (37)	104 (102)	14 (10)	6 (6)	186 (179)	40 (32)	226 (211)	-
Strength	1	4	15	34	101	9	6	170	40	210	-
J.A.D.P.	1	3	9	12	19	7	4	55	18	73	-
Dha.		1	1	7	28	-	-	37	2	39	92
Ma.		-	1	5	14	-	-	20	2	22	86
Sar.		-	1	4	15	1	-	21	2	23	71
Sin.		-	1	3	13	-	-	17	3	20	42
Ram.		-	1	3	11	-	-	15	3	18	?
J.H.F.		-	1	-	1	1	2	5	10	15	-
Vacancy		1	3	4	3	5	-	-	-	-	-

Notes:

- (1) The bracket of approved establishment is 75/76 F/Y.
- (2) A.A.(Agriclt re Assistant) is 77/78 F/Y.
- (3) Strength of nongazetted 1st is J.F.

table 5 - 2 BURDEN OF JT AND JTA IN EACH DISTRICT

Item	Number of JT/JTA (1)	Total area $\times 10^3$ (2)	Culti- vated land 10^3 (3)	Number of village (4)	Number of house hold (10^3) (5)	Number of farmer's house hold (10^3) (6)	(2)/(1) ($\times 10^3$) (7)	(3)/(1) ($\times 10^3$) (8)	(4)/(1) (9)	(5)/(1) ($\times 10^3$) (10)	(6)/(1) ($\times 10^3$) (11)
District											
Ramechhap	13	137	12.5	38	29.1	28.7	10.5	1.0	2.9	2.2	2.2
Sindhuli	15	259	14.0	36	24.9	18.9	17.3	0.9	2.4	1.7	1.3
Sub-total	28	396	26.5	74	54.0	47.6	14.1	0.9	2.6	1.9	1.7
Sarlahi	18	138	48.6	61	33.6	24.2	7.7	2.7	3.4	1.9	1.3
Mahottari	18	125	95.8	55	62.2	45.9	6.9	5.3	3.1	3.5	2.6
Dhanusha	34	119	100.2	68	64.5	36.8	3.5	2.9	2.0	1.9	1.1
Sub-total	70	382	244.6	184	160.3	106.9	5.5	3.5	2.6	2.3	1.5
Grand total or ave.	98	778	271.1	258	214.3	154.5	7.9	2.8	2.6	2.2	1.6

Note : Information source

Area : Agricultural Statistics of Nepal 1970/71.

Household : Population Census 1971.

Farmers household : National Sample Census of Agriculture 1971/72.

Number of JT/JTA : F/Y 1978/79.

Number of village: F/Y 1977/78

table 6 - 1 PROJECT COST OF JADP

(X 10³ RS.)

Item	Year	71/72	72/73	73/74	74/75	75/76	76/77	77/78	78/79	79/80
Recurring(Operational)										
H.M.G.		-	-	862	1279	1528	1925	2169	1875	2241
Japan		36	276	+	+	+	+	+	+	+
Sub total		36	276	862	1279	1528	1925	2169	1875	2241
Non-recurring (Fixed)										
H.M.G.		-	-	518	72	115	152	67	6	10
Japan		218	447	2900	3401	3001	4842	944	2704	8081
Sub total		218	447	3418	3473	3116	4994	1011	2710	8091
Grand total		254	723	4280	4752	4644	6919	3180	4585	10332
Percentage (%)										
Recurring		14	38	20	21	33	28	68	41	22
Non-recurring		86	62	80	79	67	72	32	59	78

Notes; (1) Upto F/Y 78/79

Recurring 9,950,000 RS. (IMG 9,638,000, Japan 312,000)
 Non-recurring 19,387,000 RS. (IMG 930,000, Japan 18,457,000)
 Total 29,337,000 RS.

HMG RS. 10,568,000 (36 %)
 Japan RS. 18,769,000 (64 %)

- (2) The budget for normal programme of ADO's and Janakpur Horticulture Farm is excluded in this table.
 (3) The figures upto 78/79 show actual expenditure whereas that of 79/80 is approval.
 (4) Non-Recurring Japan is K.R. counterpart Fund.

table 6-2 BUDGETARY TREND OF RECENT FIVE YEARS

(in $\times 10^3$ Rs.)

Items \ Year	'75/76	'76/77	'77/78	'78/79	'79/80
Approved Budget (1)	7,944	9,712	17,499	12,940	10,332
Machinery & Tools (2)	28	2,500	5,800	5,800	2,500
Actual Budget (1)-(2)=(3)	7,916	7,212	11,699	7,140	7,832
Actual Expenditure (4)	4,644	6,919	3,180	4,585	--
Non-used (3)-(4)=(5)	3,300	293	8,519	2,555	--
Non-used Rate (5)/(3) (%)	42	4	73	36	--
<u>Reference Construction</u>					
Approved Budget (6)	6,203	5,289	9,395	4,800	5,491
Actual Expenditure (7)	2,961	4,842	943	2,316	--
Non-used (6)-(7)	3,242	447	8,452	2,481	--

Notes;

(a) Machinery & Tools (2)

This is shown in H.M.G. budget, number 10-3.
and is materials aid.

Fiscal Year 75/76 was only by H.M.G.

(b) Construction

This is shown in H.M.G. budget, number 12-1,12-2.
K.R. fund is allotted to this.

table 7-1 PROVISION OF MACHINERY, IMPLEMENTS & MATERIALS FROM JAPAN (JICA)

(Fig. in 10³ yen)

Fiscal Year	Amount	Main Equipments
1972	44,913	Cranetruck, Dumptruck, Tractor, Hand tractor Agro. chemical and fertilizer
1973	94,185	Drilling machine, Pipe, Hand tractor, Pumping set, Farming tools
1974	27,287	Only transportation cost and insurance pay (Carry over)
1975	71,244	Jeep, Pumping set, Pipe
1976	123,150	Truck, Micro bus, Bulldozer, Tractor, Hand tractor
1977	98,878	Truck, Micro bus, Tractor, Comine
1978	36,515	Instrument, Irrigation materials
(1979)	(27,500)	(Plan)
total	523,672	

Remarks; Total in Rs. 29,092,890

table 1-(2)-1 LAND UTILIZATION AND PRODUCTION OF HARDINATH AGRICULTURE FARM

Crops	1975/76		1976/77		1977/78		
	area (ha)	target (t)	area (ha)	target (t)	area (ha)	target (t)	progress (t)
Paddy	32.9	85.0	30.5	85.0	41.4	90.0	138.8
Wheat	26.2	65.0	23.4	65.0	28.5	70.0	
Maize	-	-	3.6	-	0.3	-	0.3
Pulses	1.1	1.2	1.5	1.5	7.8	1.1	2.5
Fruit & Vegetable	4.3	85.0 (kg)	1.9		4.6	100.0 (kg)	
Fruit sapling		1000 plants			3.4	5000	5006
							1481

Note; Main pulses crops are green gram (mung bean) and chick pea (gram).

Fruits : mango, guava, banana and citrus.

Vegetable seed : Mainly tomato and radish.

table 1-(2)-2 Trials and demonstrations conducted at Hardinath Agriculture Farm
(1973/74 - 1978/79)

Items	Year	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79
a. Trials : Planting time Varietal comparative Long term fertility Water management Fertilizer Variety X Irrigation Farmers field trial					1(P), 1(W)		
				2(P), 2(W)	1(P), 1(W)	1(P), 1(W)	
				1(P), 1(W)	1(P), 1(W)		
				1(P), 1(W)	2(P), 1(W)	1(P), 1(W)	1(M), 2(P), 1(W)
					3(P), 2(W)		1(P), 1(P), 2(W)
b. Demonstrations : Variety demonstration Cultural practices Comparative demonstration Fertilizer and organic matter Cropping pattern							
					5(P), 3(W), 11(P), 10(W)		
					2(P), 2(P),		
					5(P), 7(W), 10(P), 10(W)		

Note : (P) : Paddy, (W) : Wheat (M) : Maize
Figure shows number of trials and demonstrations.

table 1-(2)-3 CROPPING PATTERN AT HARDINATH AGRICULTURE FARM

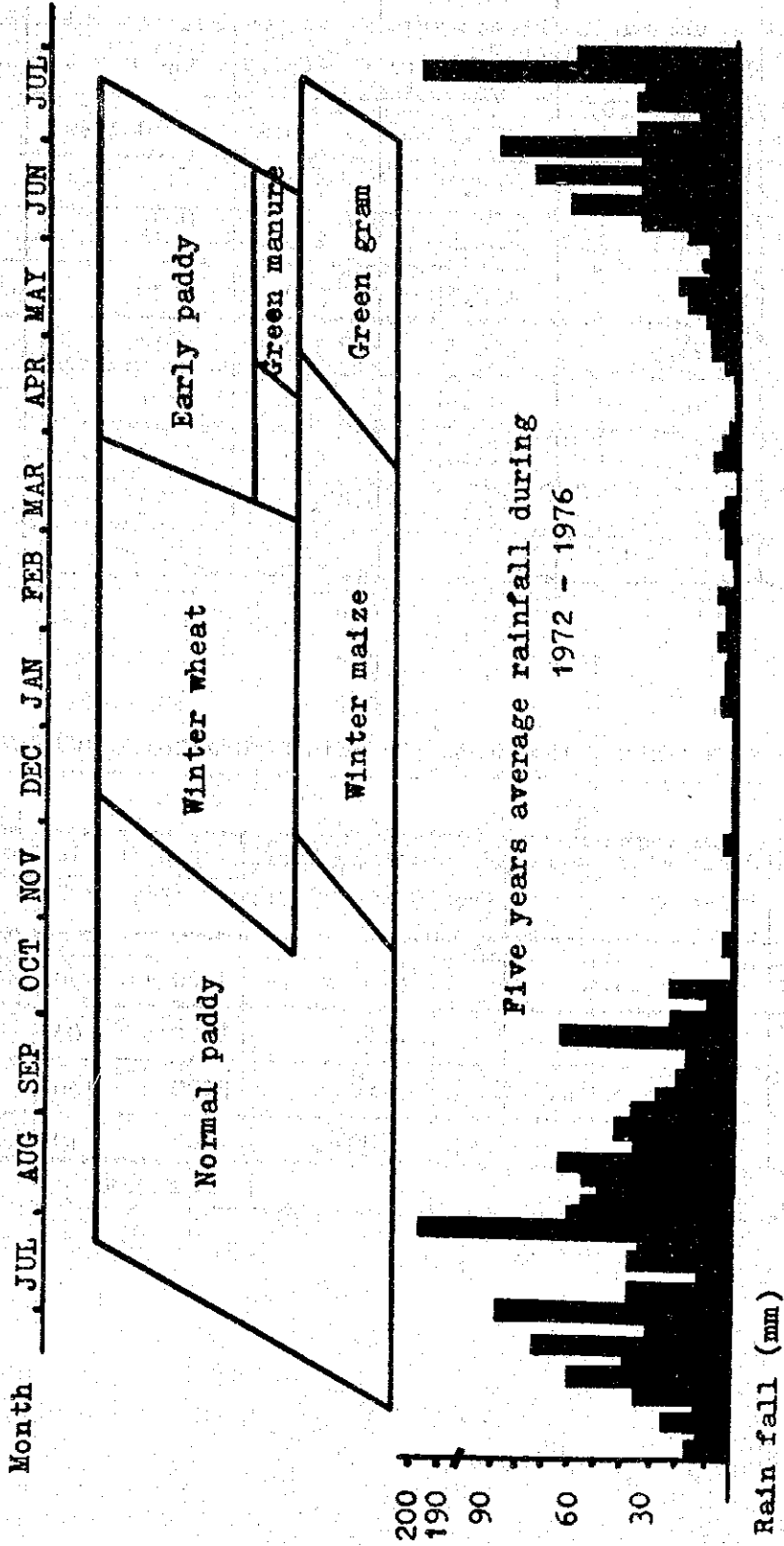


table 1-(3)-1 DESIGNED DISCHARGE AND DEPTH OF WELL IN I.A.P. AREA

Tube Well	Designed Depth	Ground Surf. Elevation (G)	Piezometric Surface (P)	Drawdown $H=G-P-1.0$	Designed Discharge $H \times 6.0$	Real Designed Discharge
No.1	130 m	98.5 m	102.5 m	3.0 m	18 l/s	15 l/s
No.2	200	98.5	102.5	3.0	18	15
No.3	130	98.5	102.5	2.5	15	15
No.4	130	94.5	100.5	5.0	30	30
No.5	200	96.5	100.5	3.0	18	18
No.6	200	94.5	99.5	4.0	24	20
No.7	130	94.0	99.9	4.0	24	20
No.8	200	94.5	99.0	3.5	21	20
total						153

table 1-(3)-2 PIEZOMETRIC SURFACE AND ARTESIAN DISCHARGE OF TUBE WELL BY F.A.O.

Tube Well	Designed Depth	Piezometric Surf. Elevation	Piezometric Surf. from Ground Surf.	Artesian Discharge		Specific Capacity
				1969	1971	
No.1	133 m	91.5 m	5.50 m	2400 m ³ /d	2500 m ³ /d	533 m ³ /d/m
No.3	113	107.5	2.60	1700	2030	1000
No.4	176	84.5	9.50	2000	1300	235
No.6	175	--	1.80	1600	700	2000

table 1-(3)-3 AQUIFER PERMEABILITY OF TUBE WELL BY F.A.O.

Tube Well	Layer	Depth	Aquifer Thickness	Artesian Discharge	Drawdown	Permeability
No.1	2	64 - 70 m	6.0 m	200 m ³ /d	4.5 m	3.9 m/d
	2	82 - 87	5.0	800		18.7
	2	94 -100	6.0	1400		27.3
	sub total		17.0	2400		
No.2	2	114 -122	8.0	810	4.9	10.9
	sub total		8.0	810		
No.3	2	64 - 68	4.0	200	1.7	15.5
	2	72 - 90	18.0	1500		25.8
	sub total		22.0	1700		
No.4	2	61 - 69	8.0	700	8.5	5.4
	2	79 - 84	5.0	100		1.2
	2	98 -106	8.0	900		7.0
	3	below		300		
	sub total		21.0	2000		
No.5	2	90 - 95	5.0	230	1.4	17.3
	sub total		5.0	230		
No.6	2	93 - 99	6.0	150	0.8	16.4
	3	134.8-140.3	5.5	150		17.9
	4	162 -170	8.0	1300		106.9
	sub total		19.5	1600		
No.7		no artesian				

table 1-(3)-4 OUTLINE OF LAND CONSOLIDATION CONSTRUCTION (1)

Irrigation Canal

Type of Canal	Name of Canal	Distance	Slope	Formation	
				Height	Breadth
Main Canal	M- I -1	408.30 m	1/3000	30 cm	43 cm
	-2	470.35	-do-	-do-	-do-
	M-II -1	435.01	-do-	-do-	-do-
	-2	581.25	-do-	-do-	-do-
	M-III-1	687.60	-do-	-do-	-do-
	-2	618.30	-do-	-do-	-do-
	-3	656.70	1/1000,1/3000	-do-	-do-
	sub total	3857.51			
Branch Canal	B- I -1	400.00	1/400	17	22
	-2	-do-	-do-	-do-	-do-
	-3	-do-	1/500	-do-	24
	B-II -1	550.00	1/2000	22	34
	-2	400.00	1/500	17	24
	B-III-1	800.00	1/500	18	26
	-2	1150.00	1/500,1/2000	22,18	34,26
-3	400.00	1/1600	20	30	
	sub total	4500.00			
Link Canal	L-1	910.00	1/400	25	30
	sub total	910.00			
	grand total	9267.51			

table 1-(3)-5 OUTLINE OF LAND CONSOLIDATION CONSTRUCTION (2)

(A) Drainage Canal

Type of Canal	Name of Canal	Distance	Slope	Formation	
				Height	Breadth
Main Canal	M- I -1	560 m	1/1000	85 cm	60 cm
	-2	640	1/2000	105	75
	M-II -1	520	1/3000	120	90
	-2	1275	1/1000	115	85
	sub total	2995	1/		
Branch Canal	B- I -1	650	1/2000	60	45
	-2	1118	1/750-2000	60-85	40-60
	B-II -1	765	1/2000	65	45
	-2	704	1/1000	60	45
	sub total	3237			
	grand total	6237			

(B) Road

Type of Road	Length	Formation
Main Road	4400 m	Width 4.00 m, Effective Width 3.00 m, Gravel 0.20 m

table 1-(3)-6 ANUAL TRANSITION OF PLANTED AREA IN IAP
(1974/75 - 1978/79, Unit: ha.)

Year Crops	1974/75	1975/76	1976/77	1977/78	1978/79
Early paddy					
improved	0.7	5.5	18.7	20.0	32.0
local	36.2	53.4	69.1	93.8	65.2
Normal paddy					
improved	-	-	-	4.0	25.6
local	371.6	364.6	399.0	395.0	375.3
Maize	-	-	-	30.0	62.9
Wheat	58.7	138.1	232.6	48.8	59.1
Millet	3.6	0.5	2.6	0.4	-
Pulses	245.4	101.5	107.6	77.4	70.7
Vegetables	-	0.3	1.9	1.2	4.1
Orchard	0.8	0.8	0.8	0.8	0.8
Others	6.0	2.0	4.5	3.4	21.5
Total	724.1	666.8	836.2	676.8	717.4
Cropping intensity	177	163	204	165	175

table 1-(3)-7 UNIT YIELD OF DIFFERENT CROPS IN IAP
(Ton/ha.)

Year Crops	1974/75	1975/76	1976/77	1977/78	1978/79
Early paddy					
improved	2.5	3.5	2.33	2.2	3.3
local	1.3	1.5	1.73	1.7	1.9
Normal paddy					
improved	-	-	-	2.5	2.6
local	1.9	1.9	2.03	2.17	2.0
Maize	-	-	-	2.0	(2.0)
Wheat	0.81	1.35	1.37	1.13	1.33
Millet	0.68	0.64	0.7	0.86	-
Pulses					
green gram	-	-	0.55	(0.55)	(0.55)
Chickling	0.52	0.84	0.45	(0.60)	(0.60)
vetch					
chick pea	0.38	0.45	0.48	(0.43)	(0.43)
Linseed	0.10	0.06	0.08	(0.08)	(0.08)

Note; Figures in parentheses are estimated value.

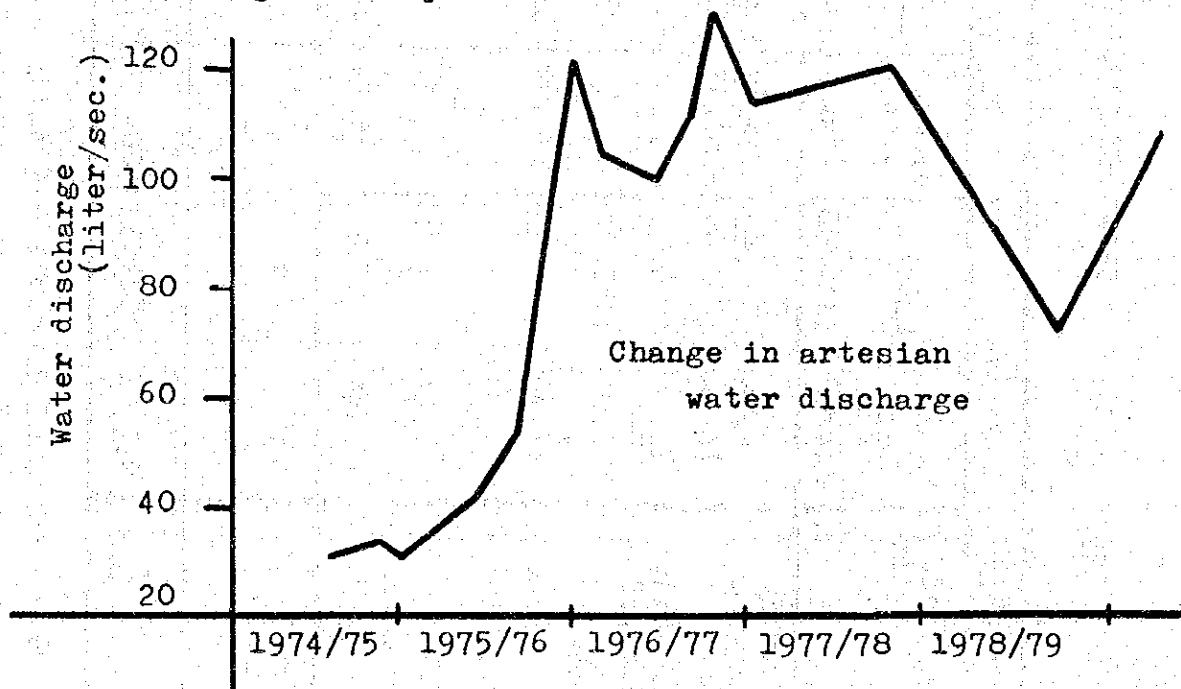


table 1-(3)-8 GROSS AGRICULTURE PRODUCTION IN IAP
(1974/75 - 1978/79)

Crops	1974/75		1975/76		1976/77		1977/78		1978/79	
	production (ton)	amount (X10 ³ RS)	production (ton)	amount (X10 ³ RS)	production (ton)	amount (X10 ³ RS)	production (ton)	amount (X10 ³ RS)	production (ton)	amount (X10 ³ RS)
Early paddy Improved Local	1.75 47.12	2.62 70.68	19.25 80.17	28.87 120.25	43.57 119.66	65.35 179.49	44.0 159.54	66.0 239.31	105.74 122.70	158.61 184.05
Normal paddy Improved Local	- 706.04	- 1059.06	- 692.85	- 1039.27	- 809.57	- 1214.35	10.0 861.49	15.0 1292.23	66.61 750.95	99.91 1126.42
Wheat	47.86	86.15	186.02	334.83	319.91	575.84	55.15	99.25	78.66	141.59
Maize	-	-	-	-	-	-	60.00	75.00	125.80	157.25
Millet	2.45	3.30	1.27	1.71	2.75	3.71	2.41	3.25		
Pulses	129.84	307.72	85.22	201.97	48.81	115.68	40.76	96.61	37.23	88.24
Vegetable	-		N.A.		N.A.		N.A.		N.A.	
Fruit	N.A.		N.A.		N.A.		N.A.		N.A.	
Total	935.06	1529.53	1064.78	1726.90	1344.27	2154.42	1233.34	1886.6	1287.6	1956.07

Note : Price of products ---- paddy : RS.1.5/kg. wheat : RS.1.8/kg. maize : 1.25 RS/kg.
millet : RS.1.35/kg. pulses : RS.2.37/kg.

table 1-(3)-9 COMPARISON BETWEEN BEFORE (1974/75) AND AFTER (1976/77-1978/79, 3 YEARS AVERAGE)
THE IAP PROGRAMME IN AGRICULTURE PRODUCTION

Year Crops	1974/75				1976/77-1978/79 average				incre- ment (X10 ³ RS)
	area planted (ha)	unit yield (t/ha)	produc- tion (t)	amount (gross) (X10 ³ RS)	area planted (ha)	unit yield (t/ha)	produc- tion (t)	amount (gross) (X10 ³ RS)	
Early paddy improved	0.7	2.5	1.75	2.62	23.56	2.72	64.39	96.65	94.03
local	36.2	1.3	47.12	70.68	76.03	1.76	133.96	200.95	130.27
Normal paddy improved	-	-	-	-	9.87	2.58	25.53	38.2	38.30
local	371.6	1.9	706.04	1059.06	389.76	2.07	807.33	1211.0	151.94
Wheat	58.7	0.8	47.86	86.15	113.5	1.33	151.23	272.2	186.05
Maize	-	-	-	-	30.9	2.0	61.93	77.4	77.4
Millet	3.6	0.6	2.45	3.30	1.0	1.72	1.72	2.32	-0.98
Pulses	245.4	0.5	129.84	307.72	85.2	0.49	42.27	100.17	-207.55
Others	7.9								
Total	724.1		935.06	1529.53	729.8		1238.3	1998.99	469.46

Note : Gross increment after programme is 469.46 X 10³ RS. (RS.1148/ha/year)

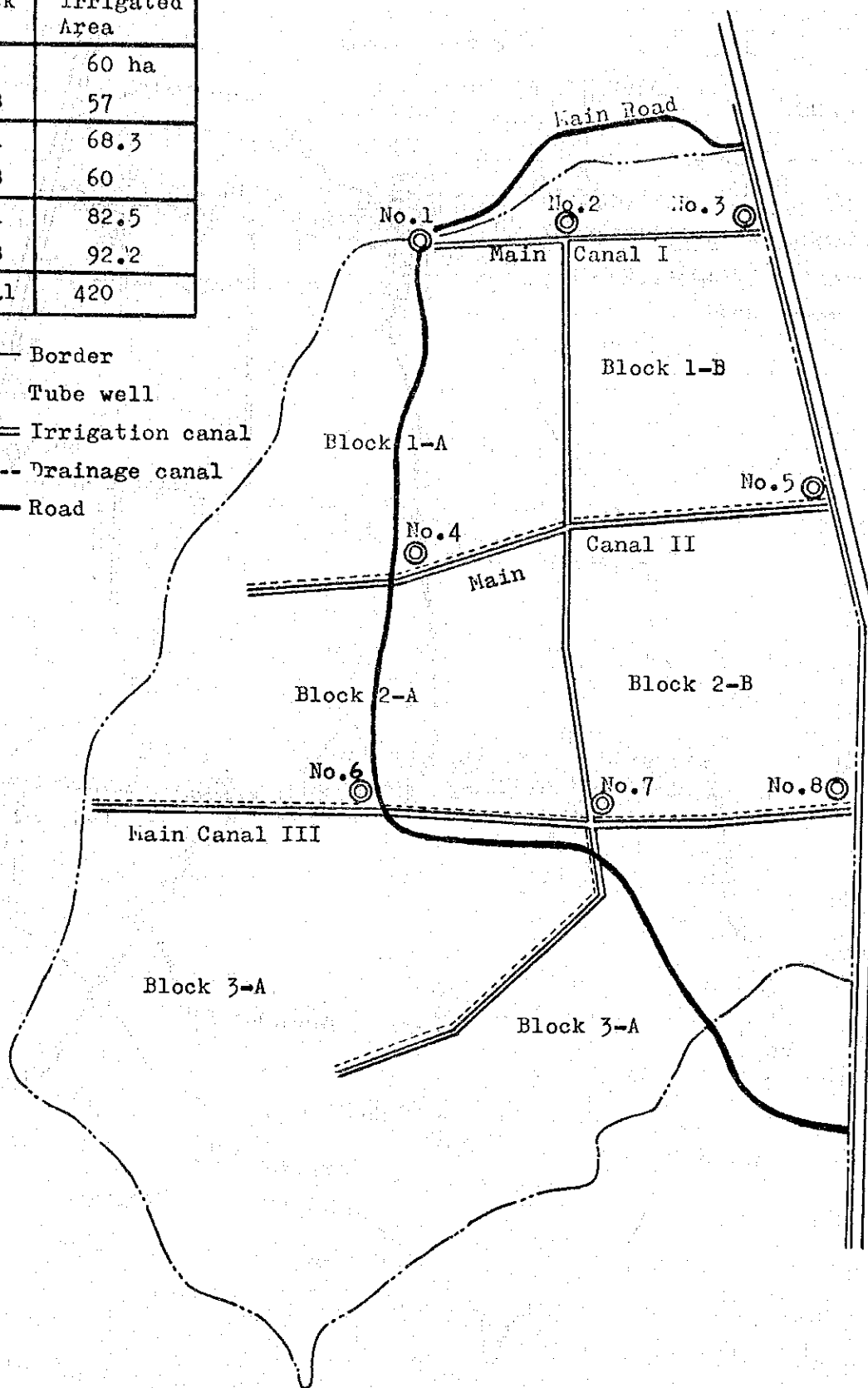
table 1-(3)-10 POSSIBLE CROPPING PATTERN

MONTH	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1.	Early paddy		Normal paddy					Winter wheat				
2.	Summer/ Spring maize		Normal Paddy					Wheat				
3.	Green gram		Normal Paddy					Wheat or Maize				
4.	Early paddy		Normal paddy					Winter pulses				
5.	Maize		Normal paddy					Winter pulses				
6.			Normal paddy					Wheat or Maize				
7.	Maize		Normal paddy									
8.			Normal paddy					Winter pulses				

figure 1-(3)-1 OUTLINE OF DESIGN IN I.A.P. AREA (FIRST PLANNING)

Block	Irrigated Area
1-A	60 ha
B	57
2-A	68.3
B	60
3-A	82.5
B	92.2
total	420

- Border
- ⊙ Tube well
- ==== Irrigation canal
- - - - Drainage canal
- Road



Jalandhar - Bahendranagar Highway

figure 1-(3)-2 OUTLINE OF DESIGN IN I.A.P. AREA (EXCUTING PLANNING)

LEGEND

- Border
- ⊙ Tube well
- ==== Irrigation canal
- - - - Drainage canal
- Road

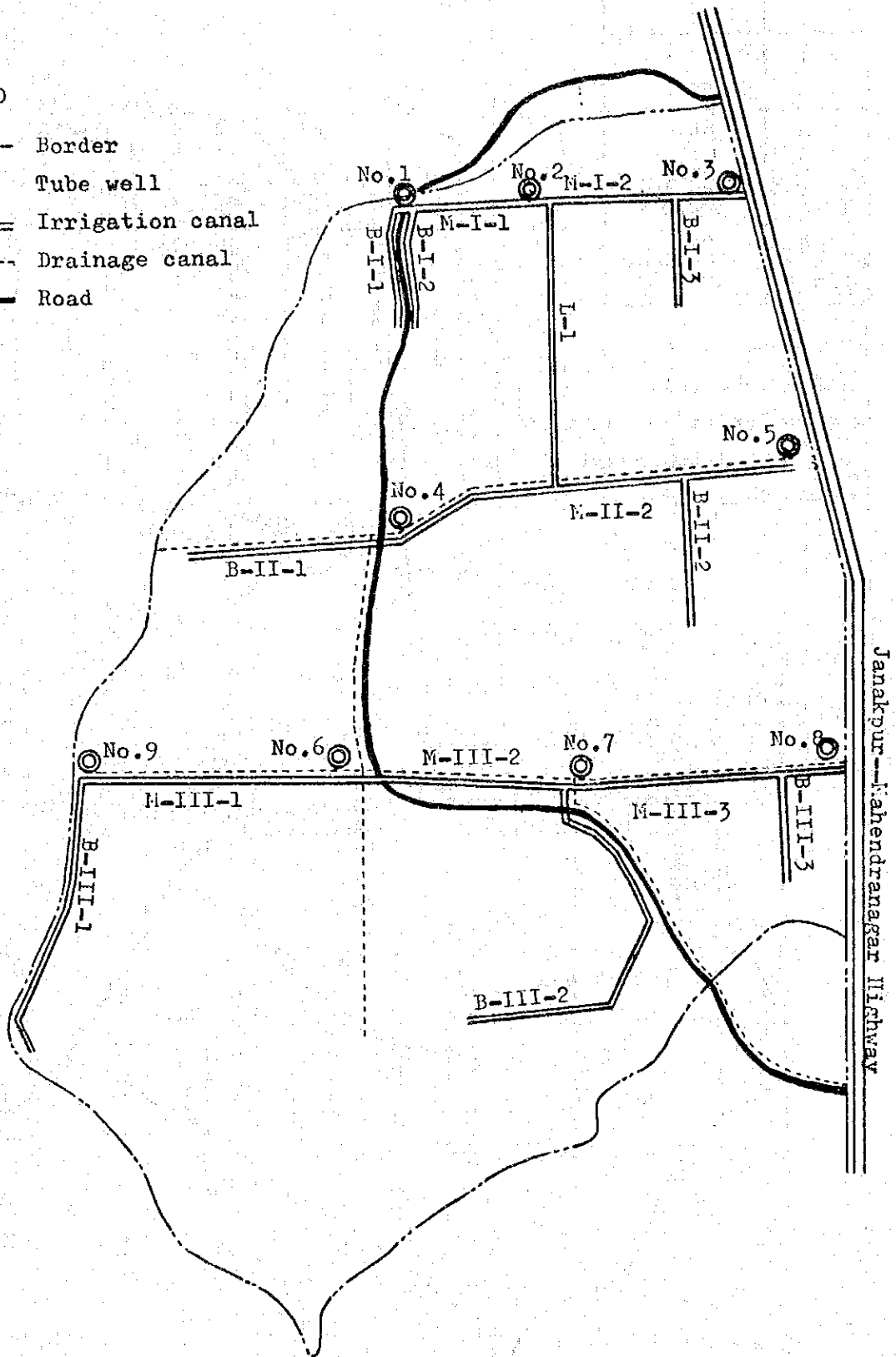
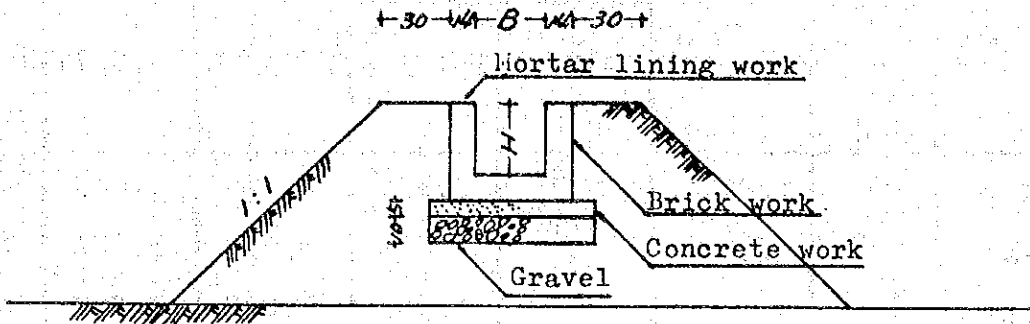
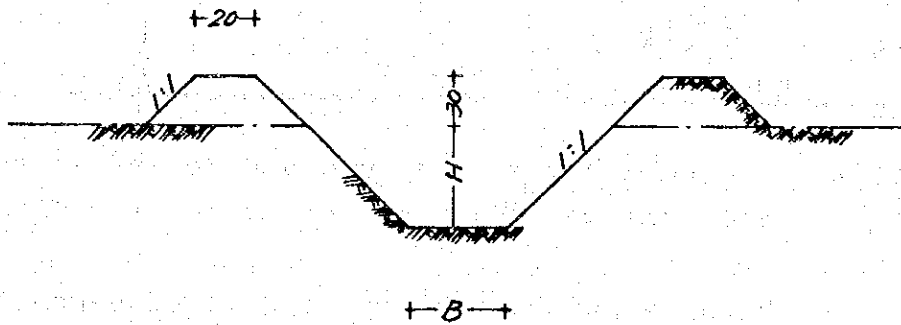


figure 1-(3)-3 STANDARD CROSS SECTION

A. Irrigation Canal



B. Drainage Canal



C. Road

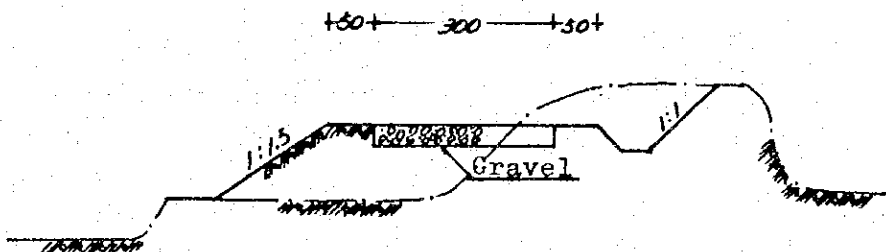


table 1-(4)-1 SEEDS AND AGRI-PRODUCT IN RAPTI MODEL FARM
(Unit : kg.)

Year	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78
Crops						
Paddy	1,871		2,850	2,889	3,049	2,280
Wheat	4,334	2,300	2,673	3,036	3,581	6,334
Maize			1,502	1,298	1,257	1,443
Vegetable seeds		46	185	252	532	927
Other seed (pulses, etc.)		3,272	443	1398	2,149	3,129
Fresh vegetable	1,995	7,213	12,629	15,023	10,818	32,837
Fresh corn	257 bundle					
Sugar cane	2,400					

Note : Produced seeds were sold and delivered to AIC, and some were distributed to farmers directly.

Fresh vegetable was by-product of demonstration, it was sold in local market.

table 1-(6)-1 Annual Record Past 5 Years in Sindhuli Farm

	1974/75	1975/76	1976/77	1977/78	1978/79
Main crops					
Paddy (kg)	--	1,205	825	900	3,290
Maize (kg)	--	113	494	--	215
Wheat (kg)	98	275	440	970	2,430
Other crops (kg)	--	35	46	79	425
Forage crops(kg)	--	--	--	--	40
Vegetables					
Vegetable (kg)	3,997	4,222	6,904	5,041	1,809
Seedling(plant)	10,553	18,170	25,909	69,714	57,951
Seed (kg)	0.2	--	24	27	25
Demonstration (place)	4	4	6	37	8
Farmer's day (nos.)	1	1	1	1	1
Leader's farmers training (time)	--	--	--	--	3

table 1-(8)-1 TRAINING ACTIVITIES AND PERFORMANCE DURING LAST FOUR FISCAL YEARS

Activities	Year	'75/76	'76/77	'77/78	'78/79	'79/80	Grand Total
ADO Inservice Training & Seminar		---	---	26	28		54
JT & JTA Inservice Training		34	100	17	25		176
Agriculture Assistant Training		---	122	94	29		245
Agri. Assistant Inservice Training		---	---	67	18		85
Leaders Farmers Training		57		169	309		765
Publication							
Farmer's news		---	6	14	6		26
Others		---	1	2	4		7
Survey							
Masuli rice cultivation in Sarlahi district		---	1	---	---		---
Tube well in Terai		---	1	continue	---		
Minor irrigation in Sarlahi		---	1	---	---		1

table 1-(8)-2 SPECIAL POCKET AREA DEVELOPMENT PROGRAMME
1977/78

Description	District	Programme Area	Objective
Fish delopment programme	Dhanusha	Kuwarampur & Ghorghas	56 ponds
Goat development programme	Mahottary	Pipara, Kabigrane & Gamaraya	70 ponds
	Dhanusha	Pushpaballavpur & Begadawar	12 ton meat production
	Sarlahi	Parwanipur, Sagarmath, Bastiput	9.5 ton
	Sindhuli	Bastiput Amale	To produce 100 improved cross breeds
	Mahottari	Khairmara & Bardibas	12 ton meat production
Junar development programme	Sindhuli	Rattanchura & Naka jholi	To increase 9 ha/year for 15 years
Paddy development programme	Sarlahi	Bhawanipur	To cover 500 ha

MACHINERY TRAINING HELD IN JADP AND HARDINATH AGRICULTURE FARM

table 1-(8)-3

(Sep.29, 1977 - Jan. 1979)

Group No.	Participant	Number	Subject	Period	Address of trainee
1	Operator and mechanic from agri.farm throughout the country	14	Repair and maintenance of power tiller & water pump.	10 days Sep.29-Oct.8, 1977	Different H.M.G. government farms
2	Leading farmers	27	Repair and maintenance of water pump & sprayer.	4 days Dec.18-Dec.21, '77	IAP area, Dhanusha, Mahottari, Salahi & Sindhuli districts
3	Leading farmers	15	- do -	6 days Mar.26-Mar.31, 78	- do -
4	Leading farmers	13	Minor repair and maintenance of tractor.	5 days Apr.23-Apr.27, 78	Dhanusha, Mahottari, Sarlahi district
5	Leading farmers	16	Repair and maintenance of water pump and sprayer.	May 9-May 14, 78 6 days	- do -
6	Leading farmers	16	- do -	6 days May 22-May 27, 78	Mahottari and Dhanusha

- continued -

Group No.	Participant	Number	Subject	Period	Address of trainee
7	Leading farmers	15	Minor repair and maintenance of tractor and power tiller.	10 days Aug.28-Sep.6, 1978	Mahottari, Dhanusha and Sarlahi district
8	J.T. (Junior technician) and J.T.A. (Junior technical assistant)	10	Operation, repair and maintenance of power tiller water pump and sprayer.	7 days Dec.18-Dec.24, 78	Dhanusha, Mahottari, Sarlahi and Sindhuli districts.
9	Leading farmers of GADP	30	Repair and maintenance of power tiller, water pump and sprayer	Nov.6-Nov.15, 78 10 days	Gandaki zone
10	Leading farmers	25	Repair and maintenance of water pump and sprayer.	7 days Nov.20-Nov.27, 78	Dhanusha, Mahottari, Sarlahi, Sindhuli and Ramechhap districts.
11	Agriculture assistants	15	Operation, repair and maintenance of power tiller, water pump and sprayer.	10 days Jan.1-Jan.10, 79	Dhanusha, Mahottari, Sarlahi and Sindhuli districts.

table 1-(8)-4 VARIETAL CHARACTERISTIC OF GRAPES PLANTED IN JADP CENTER

Variety name	Parent	Stren- gthen	Maturity season		Cluster		Granules		Contents		Resist- ance to disease	
			JADP (Janakpur)	JAPAN (Niigata)	size	shape	color	size	sugar level	acid level		frag- rance
Delaware	-	strong	June mid.-end	Aug.end- Sep.beg.	small	cycl- ine shold -er	red	small	19-22	few	no	resis- tant
Cambell early	-	mid.	June mid.-end	mid.-end Aug.	mid.	cone	black	mid.	14-15	mid.	few	resis- tant
Kyoho	Centin- al X Ishika- wawase	strong	July beg.-mid.	Sep. mid.-end	large	cycl- ine	black	large	15-16	few	few	resis- tant
Muscat Bailey -A	Bailey X Mus- cat Ham- burg	mid.	July geg.-mid.	Sep.end- Oct.beg.	large	cycl- ine	purple & black	mid.	18-19	mid.	few	moder- ate
Olympia	Kyoho X kyogei	strong	Jun.end Jul.beg.	Sep. beg.-mid.	mid.	cone	pink	large	15-18	no	no	resis- tant
Tano Red	-	strong	July beg.-mid.	Sep. mid.-end	large	cycl- ine	dark red	a li- ttle large	15-16	few	no	moder- ate
Steuben	Wien X Seridan	mid.	Jun.end Jul.beg.	Sep. beg.-mid.	small	cone	black	small	18-19	few	few	resis- tant
Beni Zuiho	Kyogei X kyoho	strong	Jun.end Jul.beg.	Sep. mid.-end	large	cycl- ine	purple li- ttle large	small	16-17	few	few	resis- tant

ANNEX - I

AGRICULTURE STATISTICS OF JANAKPUR ZONE

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(2) Maize	8
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(4) Millet	10
(5) Barley	11
(6) Potato	12
(7) Oilseed	13
(8) Sugarcane	14
(9) Tobacco	15
(10) Jute	16

10. Crop Value:	(1) Paddy	...	...	17
	(2) Maize	...	...	18
	(3) Wheat	...	...	19
	(4) Millet	...	...	20
	(5) Barley	...	...	21
	(6) Potato	...	...	22
	(7) Oilseed	...	...	23
	(8) Sugarcane	...	...	24
	(9) Tobacco	...	...	25
	(10) Jute	...	...	26
11. Agriculture Value Average		...	...	27

1. Land use ($\times 10^3$ ha.)

(1) 1970/71. Agriculture Statistics of Nepal 1972

	Forest area	Land under per- petual snow	Waste land not reclaimable	Waste land reclaimable	Others	Cultivated physical area	Total
Nation(area)	4475	2112	2566	1860	1087	1980	14080
(%)	31.8	15.0	18.2	13.2	7.7	14.1	100

(2) 1974/75. Agriculture Statistics of Nepal 1977

	Forest area	Cultivated area	Pasture	Water	Residential area & road	Waste land	Land under per- petual snow	Total
Nation(area)	4823	2326	1785	400	30	2629	2112	14106
(%)	34.2	26.5	12.7	12.8	0.2	18.6	15.0	100

2. Cultivated LandJanakpur Zone ($\times 10^3$ ha.)

(1) Agriculture Statistics of Nepal 1972

	Dolkha	Ramechhap	Sindhuli	Salahi	Mahotari	Dhanusha	Total
District area (1)	198	137	259	138	125	119	976
Cultivated land (2)	6.0	12.5	14.0	48.6	95.8	100.2	277.1
(2)/(1) (%)	3	9	5	35	77	84	28

(2) National Sample Census of Agriculture 1971/72

	Dolkha	Ramechhap	Sindhuli	Sarlahi	Mahottari	Dhanusha	Total
District area (3)	198	137	259	138	125	119	976
Cultivated land(4)	9	13	11	44	73	48	198
(4)/(3) (%)	5	9	4	32	58	40	20

Remarks: (1) District area is 1971 Census

(2) Cultivated land were counted up from this census Table-1

3. Number of houses, population and age structure

(unit: 10³ people)

	Number of houses	Number of population						Total	Average family size
		age less 5	5 - 9	10-19	20-49	50-59	over 60		
Nation	2084	1634	1743	2344	4527	659	649	11556	5.5
J Dolkha	25.3	17	18	30	48	8	9	130	5.1
A Ramechhap	29.1	22	24	34	57	9	11	157	5.4
N Sindhuli	24.9	22	25	31	55	7	7	147	5.9
A Sarlahi	33.6	26	28	31	74	9	8	176	5.2
K Mahottari	62.2	47	51	58	136	17	16	325	5.2
P Dhanusha	64.5	48	54	56	138	18	17	331	5.1
U R									
Total	239.6	182	200	240	508	68	68	1266	5.3

Source---1971 Census.

4. Working population and age structure

(unit: 10³ people)

Nation	Age		15--19	20--29	30--39	40--49	50--59	60 over	Total
	10--14	(i) 124							
Dolkha	(i) 655	(i) 124	645	1233	1015	702	407	206	4853
	(ii) 1297	(ii) 165	1047	1900	1556	1071	659	649	8179
Ramechhap	(i) 135	(i) 124	109	156	128	87	56	32	692
	(ii) 189	(ii) 165	133	197	169	118	80	86	948
Sindhuli	(i) 105	(i) 135	120	188	153	107	67	39	809
	(ii) 170	(ii) 189	151	236	197	141	94	109	111.7
Sarlahi	(i) 81	(i) 105	95	164	131	84	48	20	647
	(ii) 182	(ii) 170	141	237	186	121	73	73	100.1
Mahottari	(i) 128	(i) 81	67	152	151	107	51	28	637
	(ii) 328	(ii) 128	130	289	268	177	92	83	122.1
Dhanusha	(i) 126	(i) 128	110	248	242	181	87	41	103.7
	(ii) 320	(ii) 328	248	530	486	338	176	165	227.1
Total	(i) 698	(i) 126	103	269	249	183	84	41	105.5
	(ii) 1353	(ii) 320	237	560	488	337	177	173	229.2
			604	1177	1052	749	394	203	487.7
			1039	2051	1793	1233	693	689	8851

Source.....Census 1971

Note: (i) Economically active by age.

(ii) Total population by age.

5. Cultivated land per house

(ha)

	Nation	J A N A K P U R						Total
		Dolkha	Ramechhap	Sindhuli	Sarlahi	Mahottari	Dhanusha	
Cultivated land (1)		3986	12735	10925	43939	72653	48341	197579
Number of farm household (2)	1490000	24864	28742	18942	24227	45878	36806	179459
‡	1.23	0.36	0.44	0.58	1.81	1.58	1.31	1.10

Source: National Sample Census of Agriculture-1971/72(Districts).
Agriculture Statistics of Nepal- 1972(Nation).

6. Family labour force per house.

	Nation	J A N A K P U R						Total
		Dolkha	Ramechhap	Sindhuli	Sarlahi	Mahottari	Dhanusha	
Number of farm household (1)	1490000	24.9	28.7	18.9	24.2	45.9	36.8	179.4
Agriculture (2)	4579000	68.6	79.9	63.8	60.2	98.5	95.5	466.5
2/1	3.0	2.8	2.8	3.4	2.5	2.1	2.6	2.6

Source: National Sample Census of Agriculture-1971/72(District)
Agriculture Statistic of Nepal - 1972 (Nation)

7. Size distribution of farms

		(ha)											Total
Nation		Less 0.1	0.1-0.3	0.3-0.5	0.5-1.0	1.0-2.0	2.0-3.0	3.0-4.0	4.0-5.0	5.0 over	Total		
J	Dolkha	6622 (27)	9751 (39)	4151 (17)	3325 (13)	861 (4)	70 (0)	35 (0)	14 (0)	35 (0)	24864 (100)		
A	Ramechhap	4627 (16)	11711 (41)	5523 (19)	4858 (17)	1582 (6)	259 (1)	91 (0)	56 (0)	35 (0)	28742 (100)		
A	Sindhuli	3430 (18)	5824 (31)	3913 (21)	3325 (17)	1708 (9)	406 (2)	147 (1)	70	119 (1)	18942 (100)		
P	Sarlahi	2002 (8)	2072 (9)	2576 (11)	5250 (22)	6083 (25)	2765 (11)	1309 (5)	679 (3)	1491 (6)	24227 (100)		
U	Mahottari	6223 (14)	8106 (18)	5754 (13)	7994 (17)	8036 (17)	3955 (9)	1820 (4)	987 (2)	3003 (6)	45878 (100)		
R	Dhanusha	4242 (11)	6888 (19)	4634 (13)	7098 (19)	7385 (20)	3227 (9)	1596 (4)	665 (2)	1071 (3)	36806 (100)		
Total		27146 (15)	44352 (25)	26551 (15)	31850 (18)	25655 (14)	10682 (6)	4998 (3)	2471 (1)	5754 (3)	179459 (100)		

Source: National Sample Census of Agriculture-1971/72
(District)

8. Agriculture working population and age structure

(unit x10³)

Nation	Age		15-19	20-29	30-39	40-49	50-59	60 over	Total
	10-14								
Nation	(i)	646	620	1127	946	660	385	195	4579
	(ii)	655	645	1223	1015	702	407	206	4853
J Dolkha	(i)	12.4	10.8	15.4	12.6	8.6	5.6	3.2	68.6
A Ramechhap	(ii)	12.4	10.9	15.6	12.8	8.7	5.6	3.2	69.2
N	(i)	13.5	12.0	18.3	15.0	10.6	6.6	3.9	79.9
A Sindhuli	(ii)	13.5	12.0	18.8	15.3	10.7	5.7	3.9	80.9
K	(i)	10.5	9.4	16.0	12.8	8.3	4.8	2.0	63.8
P Sarlahi	(ii)	10.5	9.5	16.4	13.1	8.4	4.8	2.0	64.7
U	(i)	7.9	6.3	14.1	14.2	10.1	4.9	2.7	60.2
R Mahottari	(ii)	8.1	6.7	15.2	15.1	10.7	5.1	2.8	63.7
Dhenusha	(i)	12.6	10.6	23.0	22.8	17.2	8.4	3.9	98.5
	(ii)	12.8	11.0	24.8	24.2	18.1	8.7	4.1	1037
	(i)	12.0	9.4	23.7	22.2	16.7	7.7	3.8	95.5
	(ii)	12.6	10.3	26.9	24.9	18.3	8.4	4.1	1055
Total	(i)	688	586	1105	997	715	379	195	4465
	(ii)	698	604	1177	1052	749	394	203	4877

Note: (i) Farm/Fish workers, (ii) Total workers

Sources... Census 1971

(1) Paddy

9. Crop Statistics

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
Nation											
Area (ha)	1154290	1162015	1173170	1182470	1200760	1140153	1227027	1239853	1255795	1261619	1199715.2
Production (M/T)	2119429	2178255	2241233	2304204	2343826	2010446	2416054	2452268	2704751	2386272	2315673.8
Av. P./ha	1.83	1.87	1.91	1.94	1.95	1.76	1.96	1.97	2.15	1.89	1.93
JANAKPUR											
A.	1400	1600	1650	1680	1680	1680	2000	1950	1950	1950	1754
P.	3360	3920	4043	4200	4116	3948	4400	4290	3960	4365	4060.2
Av. P./ha	2.40	2.45	2.45	2.50	2.45	2.45	2.35	2.20	2.03	2.23	2.31
Ramechhap A.	3700	3700	3750	4000	4000	4100	4100	4150	4200	4200	3990
P.	8880	9065	9188	10200	9806	9840	9430	9545	9800	9800	9555.4
Av. P./ha	2.40	2.45	2.45	2.55	2.45	2.40	2.30	2.30	2.33	2.33	2.39
Sindhuli A.	5700	5800	6000	6000	6000	6500	6000	5950	6000	8147	6209.7
P.	12825	13224	13980	14400	13500	12025	13200	12495	14060	19471	13918
Av. P./ha	2.25	2.28	2.33	2.40	2.25	1.85	2.20	2.10	2.34	2.38	2.24
Sarlahi A.	41200	41300	42000	42200	42000	41000	42500	42500	39230	36320	41025
P.	66744	67732	70560	71740	77700	61500	75437	76500	71390	53201	69850.4
Av. P./ha	1.62	1.64	1.68	1.70	1.85	1.50	1.77	1.80	1.81	1.40	1.70
Mahottari A.	62000	62100	63000	63000	63500	57333	63500	64000	60230	65825	62448.8
P.	102920	104638	111510	113400	114300	85598	114300	115200	110820	92155	106484.1
Av. P./ha	1.66	1.68	1.77	1.80	1.80	1.49	1.80	1.80	1.84	1.40	1.70
Dhanushe A.	59500	59500	59700	60000	60000	53300	60000	60000	58000	61110	59311
P.	102340	104125	105072	108000	105600	82563	108000	108600	110200	86774	102127.4
Av. P./ha	1.72	1.75	1.76	1.80	1.76	1.49	1.80	1.81	1.96	1.41	1.72
TOTAL											
A.	173500	174000	176100	176880	177180	165913	178100	178550	169610	177552	174738.5
P.	297069	302704	314353	321940	325022	255474	324767	326630	320230	271766	305995.5
Av. P./ha	1.71	1.73	1.78	1.82	1.83	1.53	1.82	1.82	1.91	1.53	1.75

Note: A = Area, P = Production, Av. = Average (here-in after similiary up to (10) Jute)

(2) Insize

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area(ha)	412050	421510	432910	445750	438622	445533	453312	458027	452520	445350	440558.4
Production (M/T)	745578	764686	794906	833378	758727	822003	813583	826661	747810	798339	730567.1
Av. P./ha.	1.80	1.81	1.83	1.86	1.72	1.84	1.79	1.80	1.65	1.79	1.65
JANAKPUR											
Dolkha A.	3700	3700	3800	3900	3800	3825	4000	4000	4000	4000	3872.5
P.	7585	7659	7980	8190	7600	7459	7800	7700	7750	7276	7699.9
Av. P./ha.	2.05	2.07	2.10	2.10	2.00	1.95	1.95	1.92	1.93	1.81	1.98
Ramechaap A.	7300	7430	7600	7800	7800	8000	8500	8700	8700	7700	7953
P.	14783	14860	15732	16146	7800	12000	14450	15225	16320	16320	14363.6
Av. P./ha.	2.02	2.00	2.07	2.07	1.00	1.50	1.70	1.75	1.18	2.11	1.80
Sindhuli A.	7000	7050	7100	7350	7660	9000	9500	9600	9600	9600	8346
P.	12075	12056	12070	12863	16086	18000	18050	18336	20010	19980	15952.6
Av. P./ha.	1.85	1.71	1.70	1.75	2.10	2.00	1.90	1.91	2.08	2.08	1.91
Sarlahi A.	6500	6800	6900	7100	7200	7200	4550	4700	5470	7000	6342
P.	10725	11424	11730	12496	12456	12240	6597	6815	6340	8470	9929.3
Av. P./ha.	1.65	1.68	1.70	1.76	1.73	1.70	1.44	1.46	1.15	1.21	1.56
Mahottari A.	3500	3800	4000	4100	4100	4321	4500	5750	5390	6070	4653.1
P.	5712	6202	6400	6765	6724	8037	5625	7331	8110	8093	6899.9
Av. P./ha.	1.63	1.63	1.60	1.65	1.64	1.85	1.25	1.27	1.26	1.33	1.48
Dhanusha A.	6300	6400	6500	6600	6500	7071	6500	6500	6200	4100	6267.1
P.	7056	7040	7540	7920	7800	11313	8125	8125	7470	4510	7689.9
Av. P./ha.	1.12	1.10	1.16	1.20	1.20	1.59	1.25	1.25	1.19	1.10	1.22
TOTAL	34300	35180	35900	36850	37060	39417	37550	39250	40360	39470	37533.7
A.	57936	59241	61452	64380	58466	69049	60647	63532	66000	64649	62535.2
P.	1.68	1.68	1.71	1.74	1.57	1.75	1.61	1.61	1.48	1.63	1.66

(3) wheat

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
Nation Area (ha)	192255	207915	225515	228400	239183	259438	273925	290823	328574	348280	259436.8
Production (M/T)	204957	232780	264670	193360	223194	312494	308389	330815	387007	361853	281951.9
Av. P./ha	1.06	1.11	1.17	0.84	0.93	1.20	1.12	1.13	1.17	1.03	1.08
JANAKPUR											
Dolkha A.	425	425	425	450	450	450	550	560	560	644	493.9
P.	4352	4362	4997	4412	4592	4540	558	568	666	579	509.5
Av. P./ha	1.02	1.02	1.17	0.98	1.02	1.00	1.01	1.01	1.18	0.89	1.03
Ramechhap A.	625	650	650	650	700	700	700	715	815	855	706
P.	656	666	682	552	714	598	602	615	953	949	698.7
Av. P./ha	1.04	1.02	1.04	0.84	1.02	0.85	0.86	0.86	1.16	1.10	0.98
Sindhuli A.	1400	1500	1600	1750	1300	1000	1000	900	900	1596	1294.6
P.	1470	1575	1696	1540	1085	1331	1200	1035	1112	1577	1362.1
Av. P./ha	1.05	1.05	1.06	0.98	0.83	1.33	1.20	1.15	1.23	0.98	1.05
Sarlahi A.	2500	2415	3000	3300	3600	5000	7391	8100	10043	10143	5549.2
P.	1750	1811	2400	1815	2005	5300	11825	12960	12149	10041	6205.6
Av. P./ha	0.70	0.74	0.80	0.55	0.55	1.06	1.59	1.60	1.20	0.98	1.11
Mahottari A.	3400	3500	4000	4100	4500	6006	6500	6575	12140	13961	6466.2
P.	2720	2940	3600	2460	2565	9009	7800	8153	13839	14005	6701.1
Av. P./ha	0.80	0.84	0.90	0.60	0.57	1.50	1.20	1.24	1.13	1.00	1.03
Dhanusha A.	5000	5000	5500	5700	6500	10000	10500	13000	15895	16213	9330.8
P.	3600	4000	4125	3135	3705	15000	12600	16900	18120	17023	9820.8
Av. P./ha	0.72	0.80	0.75	0.55	0.57	1.50	1.20	1.30	1.13	1.04	1.05
TOTAL A.	13350	13490	15175	15950	17050	23156	26641	29850	40353	43412	23842.7
P.	10631	11428	13002	9943	10533	31692	34585	40231	46839	44174	25305.8
Av. P./ha	0.79	0.84	0.85	0.62	0.61	1.36	1.29	1.34	1.16	1.01	1.06

(4) Millet

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area (ha)	102080	108830	111985	114795	114745	120797	125179	125099	125520	121794	117082.4
Production (M/T)	113470	121426	124586	129310	129500	135354	141879	142212	142610	138037	131838.4
AV. P./ha	1.11	1.11	1.11	1.12	1.12	1.12	1.13	1.13	1.13	1.13	1.12
JANAKPUR											
Dolkha A.	850	850	900	900	900	950	1103	1105	1100	1100	975.8
P.	924	924	981	990	990	1068	1241	1243	1240	1240	1084.1
AV. P./ha	1.08	1.08	1.09	1.10	1.10	1.12	1.12	1.12	1.12	1.12	1.11
Ramechnap A.	1900	1950	2000	2000	2000	2500	2500	2500	2500	2370	2222
P.	1877	1927	1988	2000	2000	3250	3000	3000	2060	2850	2395.2
AV. P./ha	0.98	0.98	0.99	1.00	1.00	1.30	1.20	1.20	0.82	1.20	1.07
Sindhuli A.	1600	1625	1650	1670	1670	2100	2200	2150	2150	2150	1896.5
P.	1680	1787	1815	1837	1837	2331	2442	2386	2510	2500	2112.5
AV. P./ha	1.05	1.09	1.10	1.17	1.10	1.11	1.11	1.10	1.16	1.16	1.11
Sarlahi A.	1125	1050	1100	1050	1050	1000	1100	1050	1050	800	1037.5
P.	619	567	605	577	577	550	605	577	590	440	570.7
AV. P./ha	0.55	0.54	0.55	0.54	0.54	0.55	0.55	0.54	0.56	0.55	0.54
Mahottari A.	1125	1000	1200	1100	1100	950	1000	1000	1000	1500	1097.5
P.	844	800	996	935	935	969	1020	1020	1020	1303	984.2
AV. P./ha	0.75	0.80	0.83	0.85	0.85	1.02	1.02	1.02	1.02	0.86	0.89
Dhanusha A.	1800	1900	1900	2000	2000	2000	1950	1925	1920	1920	1931.5
P.	1350	1220	1520	1600	1600	1600	1560	1540	1550	1550	1518
AV. P./ha	0.75	0.64	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.78
TOTAL A.	8400	8375	8750	8720	8720	9500	9853	9730	9720	9840	9160.8
P.	7294	7525	7905	7939	7939	9768	9868	9766	8970	9883	8685.7
AV. P./ha	0.86	0.89	0.90	0.91	0.91	1.02	1.00	1.00	0.92	1.00	0.94

(5) Barley

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area (ha)	24873	25643	26379	27296	27522	27127	27549	27530	26478	24869	26566.6
Production (M/T)	24640	23387	24431	25301	25459	24815	25626	25599	24668	20595	24252.1
Av. P./ha	0.91	0.91	0.92	0.92	0.92	0.91	0.93	0.92	0.93	0.82	0.91
JANAKPUR											
Dolkha A.	35	45	55	80	80	70	80	82	80	78	71
P.	35	45	56	81	81	71	80	82	80	62	67.3
Av. P./ha	1.00	1.00	1.01	1.01	1.01	1.01	1.00	1.00	1.00	0.79	0.94
Ramechhap A.	25	45	45	50	50	75	80	89	80	78	61.7
P.	25	45	45	50	51	76	80	90	80	70	61.2
Av. P./ha	1.00	1.00	1.00	1.00	1.02	1.01	1.00	1.01	1.00	0.89	0.99
Sindhuli A.	50	50	50	55	55	60	65	55	50	255	74.5
P.	44	44	45	49	50	54	59	50	45	229	66.9
Av. P./ha	0.88	0.88	0.90	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
Sarlahi A.	250	250	275	280	280	275	285	255	220	215	258.5
P.	187	194	217	224	224	220	231	206	170	172	204.5
Av. P./ha	0.74	0.77	0.78	0.80	0.80	0.80	0.81	0.80	0.77	0.80	0.79
Mahottari A.	225	225	250	260	260	225	230	230	260	312	247.7
P.	169	174	197	208	208	180	188	187	210	252	197.3
Av. P./ha	0.75	0.77	0.78	0.80	0.80	0.80	0.81	0.81	0.80	0.80	0.79
Dhanusha A.	325	325	350	360	360	325	350	355	280	260	329
P.	237	237	262	270	270	244	271	275	217	201	248.4
Av. P./ha	0.72	0.72	0.74	0.77	0.75	0.75	0.77	0.77	0.77	0.77	0.75
TOTAL	910	940	1025	1085	1085	1030	1090	1066	970	1198	1039.9
A.	697	739	822	882	881	845	909	890	809	986	846
P.	0.76	0.78	0.80	0.81	0.81	0.82	0.83	0.83	0.83	0.82	0.81
Av. P./ha											

(6) Potato

NATION	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
Area (ha)	42735	43300	45605	48750	50935	51139	53131	53746	53280	52587	49520.8
Production (K/T)	245299	249741	263233	272491	294068	281903	304191	307483	313509	269025	280094.3
Av. P./ha	5.74	5.76	5.77	5.58	5.77	5.51	5.72	5.72	5.88	5.11	5.65
JANAKPUR											
Dolkha A.	850	850	850	900	900	950	1000	1000	1100	1133	953.3
P.	4994	4994	4930	4220	4759	4770	5000	5000	5500	5381	4954.8
Av. P./ha	5.87	5.87	5.80	4.68	5.28	5.02	5.00	5.00	5.00	4.74	5.19
Ramechhap A.	750	750	775	800	800	850	1000	1000	1590	1600	991.5
P.	4406	4406	4495	4640	4230	4505	5050	5050	8029	8079	5289
Av. P./ha	5.87	5.87	5.80	5.80	5.28	5.30	5.05	5.05	5.04	5.04	5.33
Sindhuli A.	600	550	550	600	640	650	800	800	900	900	699
P.	3660	3410	3410	3600	4288	4355	4880	4800	5400	4860	4266.3
Av. P./ha	6.10	6.20	6.20	6.00	6.70	6.70	6.10	6.00	6.00	5.40	6.10
Sarlahi A.	250	275	300	350	400	350	500	478	490	500	389.3
P.	1600	1760	2010	2257	2680	2450	4000	3800	3861	3940	2835.8
Av. P./ha	6.40	6.40	6.70	6.44	6.70	7.00	8.00	7.94	7.87	7.88	7.28
Mahottari A.	250	275	300	350	400	400	475	475	480	490	389.5
P.	1625	1788	2010	2257	2680	2840	3087	3087	3119	3183	2567.6
Av. P./ha	6.50	6.50	6.70	6.44	6.70	7.10	6.49	6.49	6.49	6.49	6.59
Dhanusha A.	500	520	600	680	700	700	810	521	460	353	584.4
P.	3400	3536	4050	4386	4760	5040	5265	2386	3275	2513	3861.1
Av. P./ha	6.80	6.80	6.75	6.45	6.80	7.20	6.50	4.57	7.11	7.11	6.60
TOTAL	3200	3220	3375	3680	3840	3850	5485	4271	5020	4976	4091.7
A.	19685	19894	20904	21360	23397	23960	27282	24123	29184	27956	23774.6
P.	6.15	6.17	6.19	5.80	6.09	6.22	4.97	5.64	5.81	5.61	5.81
Av. P./ha											

(7) Oilseed

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area(ha)	97435	100710	103440	105505	111355	112264	113919	111996	112991	107746	107638.1
Production (M/T)	51831	53683	56689	54907	57444	59575	63621	64852	68487	61382	59247.1
Av. P./ha	0.53	0.53	0.54	0.52	0.51	0.53	0.55	0.57	0.60	0.56	0.54
JANAKPUR											
Dolkha A.	150	200	200	200	200	200	185	185	180	162	186.2
P.	61	88	88	90	81	81	74	74	72	65	77.4
Av. P./ha	0.40	0.44	0.44	0.45	0.40	0.40	0.40	0.40	0.40	0.40	0.41
Ramechhap A.	200	225	200	210	210	200	185	185	200	210	202.5
P.	88	101	92	100	94	76	64	64	82	86	84.7
Av. P./ha	0.44	0.44	0.46	0.47	0.44	0.38	0.34	0.34	0.41	0.43	0.41
Sindhuli A.	4000	4000	4000	4100	4300	5000	5010	4800	4250	2916	4237.6
P.	2400	2600	2680	2747	2515	2900	2981	2856	2507	2166	2535.2
Av. P./ha	0.60	0.65	0.67	0.67	0.58	0.72	0.59	0.59	0.63	0.39	0.59
Sarlahi A.	2700	2700	2725	2800	2900	4575	4000	3700	3500	2800	3240
P.	999	999	1063	868	1015	1706	1910	1850	1750	1150	1331
Av. P./ha	0.37	0.37	0.39	0.31	0.35	0.37	0.47	0.50	0.50	0.41	0.41
Mahottari A.	1300	1400	1400	1500	1500	2000	2015	1800	2000	2100	1701.5
P.	481	553	560	465	525	900	1075	900	1000	871	733
Av. P./ha	0.37	0.39	0.40	0.31	0.35	0.45	0.53	0.50	0.50	0.41	0.43
Dhanusha A.	2300	2400	2400	2450	2450	2000	2015	1700	1800	2520	2003.5
P.	897	804	984	808	857	900	947	799	846	1006	809.8
Av. P./ha	0.39	0.61	0.41	0.32	0.34	0.45	0.46	0.47	0.47	0.39	0.44
TOTAL	10650	10925	10925	11260	11560	13975	13410	12370	11930	10708	11771.3
A.	4926	5205	5167	5078	5087	6563	7051	7543	6257	4344	5722.1
P.	0.46	0.47	0.47	0.45	0.44	0.46	0.52	0.60	0.52	0.40	0.48

(8) Sugar-cane

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area(ha)	11010	12303	13490	14385	15110	14885	15869	15200	15080	13990	14132.2
Production (M/T)	169431	189381	215680	235611	244820	245635	266755	251435	252855	311194	238278.9
Av. P./ha	15.38	15.39	15.98	16.37	16.20	16.50	16.80	16.54	16.76	22.24	16.86
JANAKPUR											
Dolkha A.	5	5	5	7	7	7	5	5	5	4	5.5
P.	64	64	65	91	91	91	65	65	67	48	71.1
Av. P./ha	12.80	12.80	13.00	13.00	13.00	13.00	13.00	13.00	13.40	12.00	12.92
Ramechhap A.	5	10	10	10	10	10	12	12	10	8	9.7
P.	51	112	119	120	120	120	144	144	140	112	118.2
Av. P./ha	10.20	11.20	11.90	12.00	12.00	12.00	12.00	12.00	14.00	14.00	12.18
Sindhuli A.	75	80	80	85	85	85	80	80	70	70	79
P.	975	1000	1048	1148	1105	1148	1081	1080	1008	1008	1060.1
Av. P./ha	13.00	12.50	13.10	13.50	13.00	13.50	13.51	13.50	14.40	14.40	13.41
Sarlahi A.	50	75	80	90	90	95	450	459	440	529	235.8
P.	775	1155	1296	1530	1530	1615	7641	7794	7040	7364	3774
Av. P./ha	15.50	15.40	16.20	17.00	17.00	17.00	16.98	16.98	16.00	13.92	16.00
Mahottari A.	60	60	75	80	90	85	90	90	140	246	101.6
P.	954	960	1245	1360	1530	1445	1529	1528	2240	3936	1672.7
Av. P./ha	15.90	16.00	16.60	17.00	17.00	17.00	16.98	16.97	16.00	16.00	16.46
Dhanusha A.	30	40	50	50	65	55	60	250	540	540	168
P.	480	640	825	850	1092	935	1019	4245	8801	8801	2768.8
Av. P./ha	16.00	16.00	16.50	17.00	16.80	17.00	16.98	16.98	16.29	16.29	16.48
TOTAL	225	270	300	322	347	337	697	896	1205	1397	599.6
A.	3307	3931	4598	5099	5468	5354	11479	14856	19296	21269	9465.7
P.	14.69	14.55	15.32	15.83	15.75	15.88	16.49	16.58	16.01	15.22	15.78
Av. P./ha											

(9) Tobacco

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area (ha)	8527	8732	8878	8716	9110	9275	5422	6716	6740	6964	7908
Production (M/T)	6388	6590	6741	6859	6905	7041	3750	4791	4830	5132	5902.7
Av. P./ha	0.74	0.75	0.75	0.78	0.75	0.75	0.69	0.71	0.71	0.73	0.74
JANAKPUR											
Dolakha A.	5	7	7	10	10	10	10	10	5	3	7.7
P.	3	4	4	6	6	6	6	6	3	2	4.6
Av. P./ha	0.60	0.57	0.57	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.57
Ramechhap A.	5	7	7	10	10	12	10	10	10	8	8.9
P.	3	4	4	6	6	7	6	9	9	6	6.0
Av. P./ha	0.60	0.57	0.57	0.60	0.60	0.58	0.60	0.90	0.90	0.75	0.67
Sindhuli A.	50	50	50	55	55	57	55	55	50	40	51.7
P.	35	35	35	38	39	40	39	39	35	30	36.5
Av. P./ha	0.70	0.70	0.70	0.69	0.70	0.70	0.70	0.70	0.70	0.75	0.70
Sarlahi A.	270	270	270	275	275	285	450	469	500	505	356.9
P.	205	205	205	209	209	217	221	300	351	354	247.6
Av. P./ha	0.75	0.75	0.75	0.76	0.76	0.76	0.49	0.63	0.70	0.70	0.69
Mahottari A.	2300	2320	2350	2350	2350	2365	742	1200	1220	1230	1842.7
P.	1759	1810	1856	1856	1857	1868	532	960	1008	1016	1452.2
Av. P./ha	0.76	0.78	0.78	0.78	0.78	0.78	0.71	0.80	0.82	0.82	0.78
Dhanusha A.	2100	2140	2550	2180	2180	2185	541	1300	1340	1474	1759
P.	1669	1712	1731	1755	1755	1759	338	942	1007	1218	1388.6
Av. P./ha	0.79	0.80	0.80	0.80	0.80	0.80	0.62	0.72	0.75	0.82	0.78
TOTAL	4730	4794	4834	4880	4880	4914	1808	3044	3125	3260	4026.9
P.	3674	3770	3835	3870	3872	3897	1142	2556	2413	2626	3165.5
Av. P./ha	0.77	0.78	0.79	0.79	0.79	0.79	0.63	0.83	0.77	0.80	0.78

(10) Jute

	67/68	68/69	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	Total
NATION											
Area (ha)	46922	46025	51665	55000	57845	54411	33077	34218	33055	-	41255.8
Production (M/T)	45794	43243	49385	52995	58059	55452	40136	41350	44920	-	43133.4
Av. P./ha	0.97	0.93	0.95	0.96	1.00	1.01	1.21	1.20	1.35	-	1.04
JANAKPUR											
Dolakha A. P.	-	-	-	-	-	-	-	-	-	-	-
Av. P./ha	-	-	-	-	-	-	-	-	-	-	-
Ramechhap A. P.	-	-	-	-	-	-	-	-	-	-	-
Av. P./ha	-	-	-	-	-	-	-	-	-	-	-
Sindhuli A. P.	20	25	30	30	-	30	25	N.A.	-	-	16.
Av. P./ha	0.65	0.60	0.63	0.66	-	0.83	0.84	N.A.	-	-	11.3
Sarlahi A. P.	25	30	30	35	35	37	35	N.A.	-	-	22.7
Av. P./ha	0.80	0.76	0.80	0.80	0.80	0.89	0.88	N.A.	-	-	18.7
Mahottari A. P.	25	35	40	40	40	40	40	24	23	-	30.7
Av. P./ha	0.76	0.74	0.77	0.77	0.77	0.95	0.95	1.16	1.21	-	0.87
Dhanusha A. P.	42	50	55	60	60	75	60	35	33	-	47
Av. P./ha	0.80	0.80	0.83	0.83	0.83	0.92	0.91	1.17	1.21	-	42.5
TOTAL	112	140	155	165	135	182	160	59	56	-	116.4
Av. P./ha	0.76	0.74	0.77	0.78	0.80	0.90	0.90	1.16	1.21	-	0.85

(1) Paddy

10. Crop Value

	1967/68 - 1971/72		1972/73 - 1976/77		(2)-(1) (X10 ³ RS)	2/1(X)
	Area(ha)	Production (tons)	Area(ha)	Production (tons)		
Nation	1174541	2237389	1224889	2393958	+234853	107
Zone	175532	312218	173945	299773	-18666	96
Ramechhap	3830	9428	4150	9683	+382	103
Sindhuli	5900	13586	6519	14250	+997	105
Hills Sub-total	9730	23014	10669	23933	+1379	104
Sarlahi	41740	70955	40310	68806	-3224	97
Mahottari	62720	109354	62178	103615	-8609	95
Dhanusha	59740	105027	58882	99227	-8700	94
Terai Sub-total	164200	285336	161370	271648	-20533	95
					Value(2) (X10 ³ RS)	
					3590937	
					449660	
					14524	
					21375	
					35899	
					103208	
					155421	
					148841	
					407470	

Note: Price per KG. as of 1976/77 is 1.50 RP

The average rate of price is taken from Sakuwa market (5th Sept. 1978)
up to (7) Oilseed

(2) Maize

	1967/68-1971/72			1972/73-1976/77			(2)-(1) (X10 ³ RS)	2/1(%)
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)	Production (tons)	Value(2) (X10 ³ RS)		
Nation	428168	779455	974318	450948	801679	1002099	+27781	103
Zone	35858	60295	75368	39209	64775	80969	+ 5601	108
Ramechhap	7586	13864	17330	8320	14863	18570	+ 1240	107
Sindhuli	7232	13030	16287	9460	18875	23594	+ 7307	145
Hills sub-total	14818	26894	33617	17780	33738	42164	+ 8547	125
Sarlahi	6900	11766	14707	5784	8092	50115	-35408	340
Mahottari	390	6361	7950	5406	7439	9299	+ 1349	117
Dhanusha	6460	7471	9339	6074	7917	9895	+ 556	106
Terai sub-total	13750	25598	31996	17264	23448	69309	-37313	216

Note: Price per kg in 1976/77 is 1.25 Rp.

(3) Wheat

	1967/68-1971/72		1972/73-1976/77		(2)-(1) (X10 ³ RS)	2/1(%)		
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)			Production (tons)	Value(2) (X10 ³ RS)
Nation	218666	223792	402825	300208	340120	612215	+209389	152
Zone	15003	11107	19993	32682	39504	71107	+ 51114	356
Ramechnap	655	654	1177	757	743	1338	+ 161	114
Sindhuli	1510	1473	2651	1079	1251	2251	- 400	85
Hills sub-total	2165	2127	3828	1836	1994	3589	- 239	94
Sarlahi	2963	1956	3252	8135	10455	18819	+ 15570	534
Mahottari	3900	2857	5142	9036	10561	19010	+ 13867	370
Dhanusha	5540	3713	6683	13122	15929	28671	+ 21988	429
Terai sub-total	12403	8526	15347	30293	36945	66500	+ 51153	433

Note: Price per Kg in 1976/77 is 1.8RP

(4) Millet

	1967/68-1971/72			1972/73-1976/77			(2)-(1) (X10 ³ RS)	2/1(%)
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)	Production (tons)	Value(2) (X10 ³ RS)		
Nation	110437	123658	154573	123677	140018	175023	+20450	113
Zone	10493	9674	12092	9729	9651	12063	- 29	99
Ramechhap	1970	1958	2448	2474	2832	3540	+ 1092	145
Sindhuli	1643	1791	2239	2150	2434	3042	+ 803	136
Hills sub-total	3613	3750	4687	4624	5266	6582	+ 1895	140
Sarlahi	1075	589	736	1000	552	690	- 46	93
Mahottari	1045	902	1127	1090	1060	1325	+ 198	118
Dhanusha	1920	1458	1822	1943	1560	1950	+ 127	108
Terai sub-total	4040	2949	3686	4033	3173	3966	+ 280	108

Note: Price per Kg. in 1976/77 is 1.25 Rp.

(5) Barley

	1967/68-1971/72			1972/7301976/77			(2)-(1) (X10 ³ RS)	2/1(%)
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)	Production (tons)	Value(2) (X10 ³ RS)		
Nation	26343	24244	24243	26711	24240	24240	- 3	100
Zone	1009	804	804	1017	887	887	+ 83	110
Ramechhap	43	43	43	89	79	70	+ 27	162
Sindhuli	52	46	46	97	87	87	+ 41	189
Hills sub-total	95	89	89	186	166	157	+ 68	176
Sarlahi	267	209	209	250	199	199	- 10	95
Mahottari	264	191	191	251	203	203	+ 12	106
Dhanusha	344	255	255	341	241	241	- 14	95
Terai sub-total	875	655	655	842	643	643	- 12	98

Note: Price per Kg. in 1976/77 is 1.00 Rp.

(6) Potato

	1967/68-1971/72		1972/73-1976/77		(2)-(1) (X10 ³ RS)	2/1(%)		
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)			Production (tons)	Value(2) (X10 ³ RS)
Nation	46265	264970	529940	52765	295222	590444	+60504	111
Zone	3463	21048	42096	4720	26501	53002	+10906	126
Ramechhap	775	4435	8870	1208	6143	12285	+ 3414	139
Sindhuli	588	3674	7347	810	4859	9718	+ 2371	132
Hills sub-total	1363	8109	16218	2018	11002	22003	+ 5785	136
Sarlahi	315	2061	4123	464	3610	7220	+ 3098	175
Mahottari	315	2072	4144	464	3663	6126	+ 1982	148
Dhanusha	600	4025	8052	568	3809	7391	- 661	91
Terai sub-total	1230	8160	16319	1496	10369	20738	+ 4419	128

Note: Price per kg. in 1976/77 is 2.00 Rp.

(7) Oilseed

	1967/68-1971/72		1972/73-1976/77		(2)-(1) (X10 ³ RS)	2/1(%)		
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)			Production (tons)	Value(2) (X10 ³ RS)
Nation	103689	54911	205915	222738	63583	238437	+ 32522	116
Zone	11064	5093	19097	12479	6352	23818	+ 4721	125
Ramechhap	209	95	356	196	74	279	- 77	78
Sindhuli	4080	2588	9706	4395	2482	9307	- 399	96
Hills sub-total	4289	2683	10062	4591	2556	9586	- 476	95
Sarlahi	2765	989	3708	3715	1667	6274	+ 2566	170
Mahottari	1420	517	1938	1983	949	3559	+ 1621	184
Dhanusha	2400	882	3307	2007	900	3373	+ 66	102
Terai sub-total	6585	2388	8953	7705	3522	13207	+ 4254	148

Note: Price per Kg. in 1976/77 is 3.75 Rp.

(8) Sugarcane

	1967/68-1971/72		1972/73-1976/77		(2)-(1) (X10 ³ RS)	2/1(%)		
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)			Production (tons)	Value(2) (X10 ³ RS)
Nation	13260	210985	54856	15009	265573	69049	+14193	126
Zone	293	4481	1165	906	14051	3653	+ 2488	313
Ramechhan	9	104	27	10	132	34	+ 7	126
Sindhuli	81	1055	274	77	1065	277	+ 2	101
Hills sub-total	90	1159	301	87	1197	311	+ 9	103
Sarlahi	77	1257	327	395	6291	1636	+ 1309	500
Mahottari	73	1230	314	130	2136	555	+ 241	176
Dhanusha	47	777	202	289	4760	1238	+ 1035	612
Terai sub-total	197	3244	843	814	13187	3429	+ 2585	406

Note: Price per Kg. in 1976/77 is 0.26 Rp.
The average rate is taken from Sugar Mills Birgung.

(9) Tobacco

	1967/68-1971/72		1972/73-1976/77		(2)-(1) (X10 ³ RS)	2/1(%)		
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)			Production (tons)	Value(2) (X10 ³ RS)
Mation	8793	6769	81223	7023	5109	61305	- 19918	75
Zone	4824	3804	45650	3230	2527	30321	- 15329	66
Ramechhap	8	5	55	10	7	89	+ 34	61
Sindhuli	52	36	436	51	37	439	+ 3	101
Hills sub-total	60	41	492	61	44	528	+ 37	107
Sarlahi	272	207	2479	442	289	3463	+ 984	140
Mahottari	2334	1828	21931	1351	1077	12921	- 9010	59
Dhanusha	2150	1724	20692	768	1053	12633	- 8059	61
Terai sub-total	4756	3759	45102	2561	2419	29017	- 16085	64

Note: Price per kg. in 1976/77 is 12.0 rupee.
 The average rate is taken from Virginia Gold(rs.15.00/kg. of first grade) and
 Natu(rs.9.00/kg. of first grade) Tobacco of Tobacco Development Company

(10) Jute

	1967/68-1971/72		1972/73-1976/77		(2)-(1) (X10 ³ RS)	2/1(%)		
	Area(ha)	Production (tons)	Value(1) (X10 ³ RS)	Area(ha)			Production (tons)	Value(2) (X10 ³ RS)
Nation	51495	48895	89967	30956	36372	66923	-23044	74
Zone	141	110	162	91	89	164	+	2
Ramechhap	-	-	-	-	-	-	-	-
Sindhuli	21	13	25	11	9	17	-	8
Hills sub-total	21	13	25	11	9	17	-	8
Sarlahi	31	25	45	14	13	23	-	22
Mahottari	36	28	50	25	26	48	-	2
Dhanusha	53	44	81	41	41	75	-	6
Terai sub-total	120	97	176	80	80	146	-	30

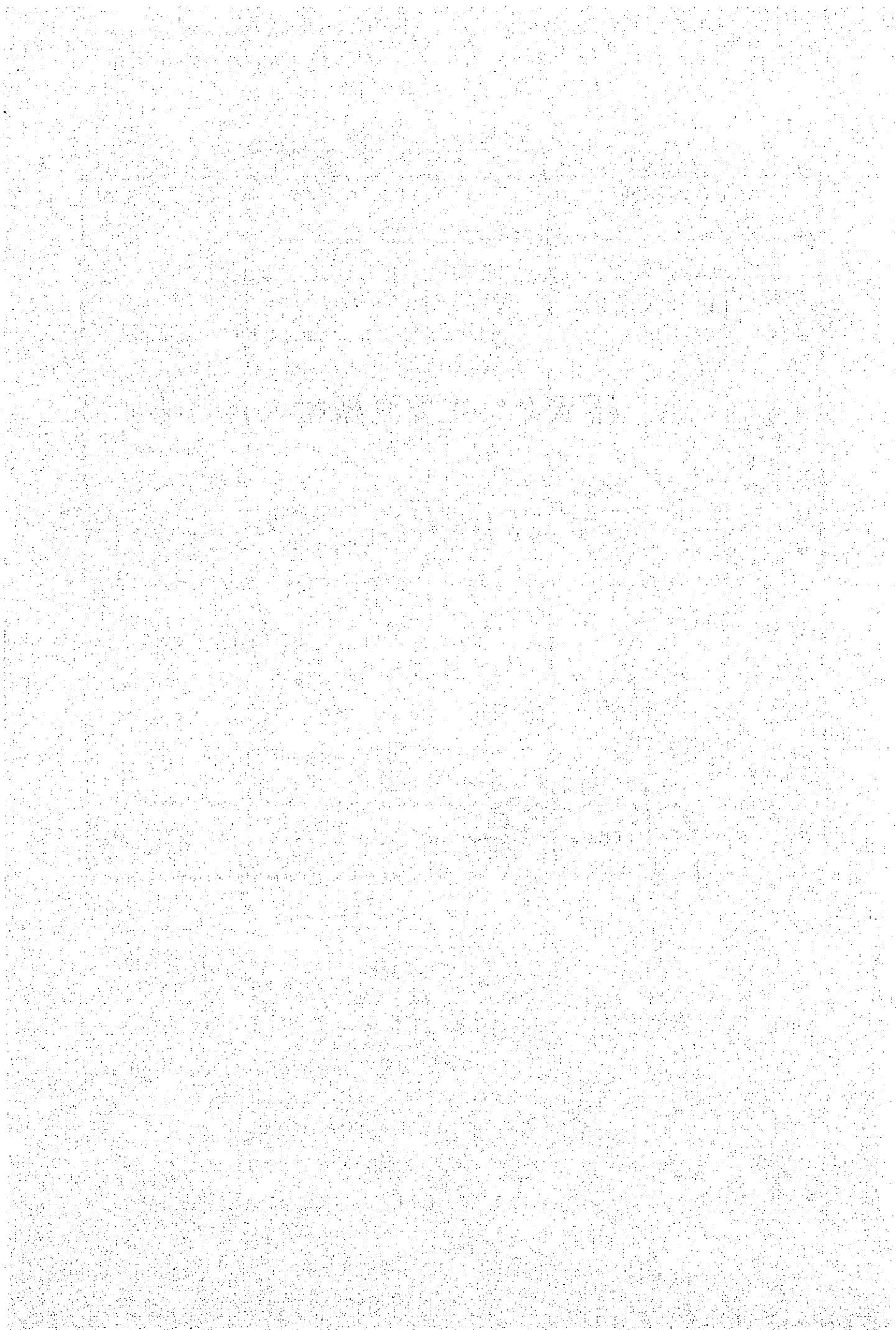
Note: The average rate is taken from Agriculture Marketing Information Bulletin Special Issue of Jan. 1st, 1976 Vol. V. No. 1.

Price per Kg. in 1976/77 is 1.84 Rp.

11. AGRICULTURE PRODUCT VALUE

Year Crops	1967/68-1971/72 Value (X10 ³ RS.)			1972/73-1976/77 Value (X10 ³ RS.)		
	Hills	Terai	Total	Hills	Terai	Total
Paddy	34520	428004	462524	35899	407471	443370
Maize	33670	31997	65667	42172	29310	71482
Wheat	3828	15347	19175	3589	66500	70089
Millet	4687	3686	8373	6582	3966	10548
Barley	89	655	744	166	644	810
Sub-total	76794 %(14)	479689 (86)	556483 (100)	88408 (15)	507899 (85)	596307 (100)
Potatoes	16218	16319	32537	22003	20738	42741
Oilseed	10062	8953	19015	9586	13207	22793
Sugar- cane	301	843	1144	311	3428	3739
Tobacco	492	45103	45595	528	29018	29546
Jute	25	177	202	17	148	165
Sub-total	27098 %(27)	71395 (73)	98493 (100)	32445 (33)	66539 (67)	98984 (100)
Grand Total	103892	551084	654976	120853	574438	695291

附表 2 主要資機材



Annex - II

UTILIZATION OF MAIN MACHINERY AND EQUIPMENTS

Item	Model	Quantity	Donated year	Distribution and situation	
I. Vehicle	Jeep	J 44	2	1974	Kathmandu office
		J 36	1	"	"
		J 24	4	1975	3 -- JADP 1 -- ADO (Janakpur)
		J 36	2	1975	JADP
		J 44	2	"	"
		Truck	T 653 J	2	1975	JADP
	T 210 FH		4	1975	1 -- Pokhara office 1 -- Hardinath Agri. Farm 2 -- JADP
		TWD - 20	1	1975	JADP
		FV - 1120	1	1976	JADP
	Mini-bus	B - 2105	1	1975	JADP
		B - 2105	1	1976	"
	Motor cycle	AG - 100	10	1975	One each to Hardinath Agriculture Farm, Kath. office and Horticulture Farm. 4 -- JADP 3 -- Repair
II. Bull- dozer Tractor	D 50 PL-15	1	1975	JADP	
	H 3500	2	"	Hardinath Agriculture Farm	
	H 3500	1	"	"	
	6000 R	1	1976	JADP	
	T 535	1	"	"	

- continued -

III. Power Tiller	K 120 9 HP	2	1972	Hardinath Agri. Farm	
	8 HP	2	"	"	
	6 HP	1	"	"	
	K 120 9 HP	9	1975	2 - Hardi. Agri. Farm	
	K 700	11	1975	7 - JADP	
				7 - JADP 2 - Hardi. Agri. Farm 1 - Horticulture Farm 1 - Rapti Model Farm	
K 75	4	1975	1 - Rapti Model Farm 1 - Hardi. Agri. Farm 2 - JADP		
IV. Thresher	Auto Thresher	DS 710	10	1975	JADP
		D2 LKS	5	1972	3 - Hardi. Agri. Farm 2 - Rapti Model Farm
	Harvester	HD 1500	1	1975	Hardi. Agri. Farm
		HD 1500	1	1976	JADP
	V. Sprayer	Power sprayer	N 545A	1	1972
Hand sprayer		2ATO 16 L	10	1972	Hardi. Agri. Farm
		10-12 L 10-20 L	6	1972	"
Hand duster		RI-KEV 1	10	1972	Hardi. Agri. Farm and JADP
		DE - 1	10	"	

- continued -

Mist Duster MD-350 X	5	1975	
Power Sprayer US-40	6	1975	JADP
BS-50 L	10	"	
US-40	7	"	
Hand sprayer H-2	100	1975	12 - Sindhuli Farm 48 - ADO 40 - JADP
SK-105	30	1975	14 - Hardinath Agri. Farm 4 - Sindhuli Farm 2 - Horticulture Farm 10 - ADO
SK-85	50	1976	JADP
Sprinkler	1	1976	JADP
	1	1976	JADP
VI. Pumping sets			
E - 5 100 ^{m/m}	1	1972	
100 SQEE 100 ^{m/m}	1	"	
4" - 15 m			
4" - 8 - 10 m	2	"	
6" - 8 - 10 m	2	"	
2" - 12.5 m	2	"	
Vertical 10 HP	4	1972	JADP
2"50 CP - B 10-12m	1	1974	Hardinath Agri. Farm
3"8-12 m 80 CP-P	1	"	"
3" 80 CP-P	10	1975	2 - Hardi. Agri. Farm 1 - Horticulture Farm 1 - Sindhuli Farm 6 - JADP
2" 50 CPB	2	1975	Hardi. Agri. Farm
4" 4080	2	1975	1 - Hardi. Agri. Farm 1 - JADP

- continued -

	3" 3070	3	1975	JADP
	6" Kubota	1	1976	
	4" CP100Z	1	1976	JADP
	3" CP 80Z	6	1976	
VII.	Rig machine and accessary	1	1972	JADP
VIII.	Agriculture equipments			
	Hand implements		1972	
	Laboratory equi- pment		1974	
	Horticulture equipment			
	Chemical Fertilizer			
	Extension equipment		1972-75	JADP

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