

ANNEX K

RURAL INDUSTRY/ MARKETING/ AGRO-PROCESSING

ANNEX K RURAL INDUSTRY/MARKETING/AGRO-PROCESSING

K-1	Interview to Farmers.....	K-1
K-2	Guaranteed Price	K-31
K-3	Market Price (1)	K-32
K-4	Market Price Surveyed by the Study Team.....	K-47
K-5	Site Survey, Provincial Office	K-51
K-6	Role and Activity of Jihad Rural Industry Office.....	K-62
K-7	Rural Industry in Whole Province.....	K-64
K-8	Rural Industry by Jihad in the Country.....	K-75
K-9	Rural Industry in Chaharmahal va Bakhtiyari Province	K-77
K-10	Rural Industry around Study Areas	K-87
K-11	Handicraft & Household Industry supported by Ministry of Industry.....	K-99
K-12	Activities of Industry supported by Ministry of Industry	K-106
K-13	Cooperatives in Whole Country	K-111
K-14	Cooperatives in Province	K-116
K-15	Proposed Development Plans & Selection Criteria.....	K-117
K-16	Proposed Development Plans in Villages	K-119
Figure K-1	Villages of Proposed Development Plans in Vastegan.....	K-120
Figure K-2	Villages of Proposed Development Plans in Bazoft	K-121
Figure K-3	Villages of Proposed Development Plans in Sarbaz.....	K-122
Figure K-4	Villages of Proposed Development Plans in Tanksorkh	K-123
Figure K-5	Villages of Proposed Development Plans in Zeras.....	K-124

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Konark Farmer name: Said Asadi Household: 84 Population: 585 Date: 9 May, 2001	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Nasir Abad Farmer name: Mehrab Naghipoor Household: 100 Population: 540 Date: 10 May, 2001	Site: K5-19a Bazoft Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Tabarak Lower Farmer name: Alidad Khodaverdi Household: 165(nomad 130 Population: 1192 Date: 19 May, 2001
1 Agriculture & Horticulture				
1 Kinds	unit	wheat sugar bea alfalfa legumes vegetable walnut barley potato apple	wheat sugar bea alfalfa legumes vegetable walnut barley potato apple	wheat rice alfalfa legumes vegetable walnut barley potato apricot
2 Seed				
1 from whom	kg/ha, tree/ha	by themselves	by themselves	by themselves
2 how much		300 50 300 120 4,000	360 10 80 80 400 400	70-120 60 65
3 price	R/kg, R/tree	1,000 3,000 5,000 1,000 2,000	1,000 260,000 1,000 4,000 1,000 2,000	1,000 4,000 6,000
3 Field area	ha		10	
total	ha	800 20 400 2 20 -	260	210 50 10
place		around house	around house	around here
4 Production period	from to	Sep to July	one year 6-month 3 time/y 6-month 5-month (7-year)	(non irrigation: 90ha, 1.0t/ha) (irrigation: 120ha, 2.0t/ha)
3 yield	t/ha		5	2.0 3.0 2.0
5 Fertilizer, chemicals				
1 manure				
2 how much	kg/ha			
3 Price	R/kg			
4 from whom				
5 Chemical	kg/ha	100 400 3,000	300	100
	R/kg	600	500	500,000
	from	Gandoman Gandoman Gandoman	Gandoman cooperative	Chamangoli
6 Insecticide				
1 how much	kg/ha			
2 Price	R/kg			
3 from whom				
7 How to harvest				
1 method		machine	manual & machine	manual
2 cost	R/p/d	100,000R/ha	25,000R/day for worker, 200,000R/ha for machine	30,000
8 Drying				
1 method		on field field	on field field	field
2 duration	days	7	7	10
9 Processing (threshing)				
1 How		(none)		
2 Cost	R/kg			
10 Processing (milling)				
1 How		machine (in village)	2 machine (in village)	machine (2 in village)
2 Cost			100	100 R/kg
11 Marketing				
1 way of transportaion		puck-up Shahrekord	puck-up Bourjen	puck-up Farsan
2 Place, distance of market name				
distance	km	80	20	170
cost	R/kg	20,000R/t	by themselves	
3 how much	ton/year			
4 Selling price	R/kg	1,000 300 1,000 6,000 1,000 2,000	1,000	1,000 600 6,000

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Konark Farmer name: Said Asadi Household: 84 Population: 595 Date: 9 May, 2001	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Nasir Abad Farmer name: Mehrab Naghipoor Household: 100 Population: 540 Date: 10 May, 2001	Site: K5-19a Bazoft Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Tabarak Lower Farmer name: Alidad Khodaverdi Household: 165(nomad 130 Population: 1192) Date: 19 May, 2001
5 Price determination	government, market	government, market	government (with market)
6 Cooperatives near cooperative	Pishyam agricultural cooperative cooperative accept only wheat and barley.	Gandoman cooperative	none nomad cooperative
7 Marketing facilities near cooperative	none	none	none
12 Problems	1. Lack of irrigation water. 2. Low selling price. 3. Poor road between land. 4. So many trader comes. 5. Tools are expensive.	1. Lack of chemical fertilizer 2. Shortage of irrigation water	1. Irrigation water shorage 2. Poor canal damaged by flood 3. Very far from town
13 Plans, requests to local government	1. above 1. All family has tractor. 2. Use harvester of cooperative.	1. above	1. Want agri cooperative but government don't support.

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Konark Farmer name: Said Asadi Household: 84 Population: 585 Date: 9 May, 2001	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Nasir Abad Farmer name: Mehrab Naghipoor Household: 100 Population: 540 Date: 10 May, 2001	Site: K5-19a Bazoft Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Tabarak Lower Farmer name: Alidad Khodaverdi Household: 165(nomad 130 Population: 1192 Date: 19 May, 2001
2 Livestock				
1 Kinds	unit	sheep goats cow horse chicken	sheep goats cow horse chicken	sheep goats cow horse chicken
2 Number	ave.			
	total	3,000 50 500	900 300 200 1,000	10,740 (incl.) 420 50 all dead
3 Chiks				
1 from whom		made by themselves	made by themselves	made by themselves
2 how much				
3 price	R/kg			
4 Grazing area, place	winter summer	hear hear	300ha around hear (rangeland)	(nomad in Khozestan) around here
5 Production period	from to	one year	Jan 8-month July milk: 12 lit/day production	Jan Apr.
6 Medicines				
1 how much		5 times/year	3 time/year	4 times/year
2 Cost	R/head/year	20,000	6,000	2,000
3 from whom		Bourjen	Bourjen	Farsan. Some veterinary will come here.
7 Processing (slaughtering)				
1 How				
2 Cost				
8 Processing				
1 Kinds			mild by manual	
2 Cost				
9 Marketing				
1 way of transportaion		pick-up	pick-up	pick-up
2 Place of market		Esfahan (trader in Bourjen), Shahrekord	Bourjen	Farsan, Shahrekord
3 Distance of market	km	80	30	170-200
4 Cost of transportation	R/kg			
5 Selling volume	head/year			5,000 130
6 Selling price	R/kg, R/head	10,000 milk: 1,000R/kg. Butter: 20,000R/kg cheese: 8,000R/kg. Wool: 5,000R/kg	milk: 1,000R/kg	10,000R/kg 8,000R/kg
7 Price ditermination		market driven	market, government	market
8 Cooperatives		livestock keeper cooperative	livestock keeper cooperative	none
9 Marketing facilities		none	none	noe
9 Problems		1. Lack of medicine 2. Limit of grazing place 3. Selling price is fractuated.	1. Shortage of feed 2. Limit of grazing place 3. Selling price is fractuated.	1. Shortage of feed 2. High labor cost (30,000R/day) 3. Poor range land 4. Don't have veterinary.
10 Plans, requests to local government				1. Above

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Konark Farmer name: Said Asadi Household: 84 Population: 585 Date: 9 May, 2001	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Nasir Abad Farmer name: Mehrab Naghipoor Household: 100 Population: 540 Date: 10 May, 2001	Site: K5-19a Bazoft Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Tabarak Lower Farmer name: Alidad Khodaverdi Household: 165(nomad 130 Population: 1192 Date: 19 May, 2001
3 Inland Fishery				
1 Kinds	unit	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout
2 Capacity	t/year	(none for village)	(none for village)	
3 Chiks		one private firm	one private firm started 3-year ago.	1. 30 t capa by 5 fillagers. 1 ID card issued last year. 2 They want to used loan. Not yet obtained. 3 Three person were trained. 4 Fly obtained from Lordegan.
4 Production period	from, to			
5 Medicines	kg			2. 200 t capa fish firm by villagers. 1 under construction 2 but, not all villager are informed & agreed. 3 Apprication form of ID card was submitted.
6 Processing				
1 How				
2 Cost				
7 Marketing				
1 Place, distance of market name, km				
2 way of transportaion				
3 how much	kg			
4 Selling price	R/kg			
5 Price ditermination				
6 Cooperatives				
7 Marketing facilities				
8 Problems				
9 Plans, requests to local government				

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Konark Farmer name: Said Asadi Household: 84 Population: 585 Date: 9 May, 2001	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Nasir Abad Farmer name: Mehrab Naghipoor Household: 100 Population: 540 Date: 10 May, 2001	Site: K5-19a Bazoft Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Tabarak Lower Farmer name: Alidad Khodaverdi Household: 165(nomad 130 Population: 1192) Date: 19 May, 2001
4 Handicraft				
1 Kinds	unit	carpet gilim(rug) hat shoes	carpet gilim(rug) hat shoes	carpet gilim(rug) cloths shoes
2 Raw material				
1 from whom				by themselves
2 how much	m2/year			
3 price	R/kg	10,000	25,000 (color)	10,000 (color)
4 weight	kg/m2	3	3	10 kg/6m2
3 Place of working		in house	in house	in house
4 Working period, workability				
1 How				
2 Workability	day/m/p	3 month/6 m2	4 month/6 m2	20 days/6m2
3 Labor cost	R/day			5,000
5 Weaving machine	kg			
1 kinds		vertical	horizontal & vertical	
2 Price of machine	R/kg	70,000	300,000	
3 Durability	year	40	forever	
6 Marketing				
1 way of transportaion		pick-up	pick-up	
2 Place of market			Bourjen	here for family use
Distance of market	km		30	
3 how much	/year			
4 Selling price	R/m2	200,000	200,000	
5 Price determination		market driven	market driven	
6 Cooperatives		none (Bourjen had cooperative)	none (Bourjen had cooperative)	none
7 Marketing facilities		none	none	none
7 Problems		1. Low price 1. 20 household make 2. Limited bank loan. 2. Decreasing because not good for health(eye).	1. Low price 1. 50 household make. 2. Limited bank loan. 3. Work is so hard.	1. Low selling price
8 Plans, requests to local government		1. Above	1. Above	

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Konark Farmer name: Said Asadi Household: 84 Population: 585 Date: 9 May, 2001	Site: K4-1-9 Vastegan Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Nasir Abad Farmer name: Mehrab Naghipoor Household: 100 Population: 540 Date: 10 May, 2001	Site: K5-19a Bazoft Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Tabarak Lower Farmer name: Alidad Khodaverdi Household: 165(nomad 130 Population: 1192 Date: 19 May, 2001
5 Others:	1. Snow: about 0.5 meter 3 months covered by snow.	1. One primary school 2. Mosque 3. Nothing: 1 clinic 2 secondary school 3 bee-keeper 4 nomad	

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K3-1-16 Aziz Abad Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Aziz Abad, Upper Farmer name: Hoshang Kosravi Household: 30 (lower 50) Population: 200 (lower 430) Date: 19 May, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Sublog Farmer name: Baharome Rahamon Household: 80 Population: 300(45%,55%) Date: 30 April, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Noorabad Farmer name: Sepahdar Naderi Household: 70 Population: 520(240,280) Date: 1 May, 2001
1 Agriculture & Horticulture				
1 Kinds	unit	wheat rice alfalfa legumes vegetable walnut barley potato apricot	wheat rice alfalfa legumes vegetable grape barley Apple	wheat rice alfalfa legumes vegetable grape barley Apple
2 Seed				
1 from whom		by themselves	Shahreza	Tehran
2 how much	kg/ha, tree/ha	120 250 60 100 8 400	50	400
3 price	R/kg, R/tree	1,000 3,000 6,000 8,000 2,000	14,000	2,000
			every 5 years	
3 Field area	ha		1	3 (1-15)
total	ha	800 30 20 5 6 10		
place		around here	near house	near
4 Production period	from	Aug. May		Apr.
2 to		June Sep.		Aug.
3 yield	t/ha	1.1 3.5		5
5 Fertilizer, chemicals				
1 manure			manure	manure
2 how much	kg/ha		30	20
3 Price	R/kg			10,000,000R/12.5h.
4 from whom			Bide cooperative	Bide cooperative
5 Chemical	kg/ha	120		1kg/tree
	R/kg	600		30,000,000R/12.5h.
	from	Ardel		Bide
6 Insecticide				
1 how much	kg/ha		50	4 time/y
2 Price	R/kg		18-20,000	10,200,000R/12.5h.
3 from whom				Bide
7 How to harvest				
1 method		manual		trader
2 cost	R/p/d	30,000 (labour)	(hired labor)	(incl.)
8 Drying				
1 method		field		
2 duration	days	10		
9 Processing (threshing)				
1 How				
2 Cost	R/kg			
10 Processing (milling)				
1 How		machine machine (in lower village)		
2 Cost		100 R/kg		
11 Marketing				
1 way of transportaion		pick-up (hired)	pick-up	pick-up
2 Place, distance of market name		Ardel, Shahrekord	Esfahan	Esfahan, Shiraz
distance	km	60-145		100-200
cost	R/kg	50	200	(trader)
3 how much	ton/year			
4 Selling price	R/kg	1,000 3,000 1,000 8,000 2,000	700-1,500	1,500

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K3-1-18 Aziz Abad Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Aziz Abad, Upper Farmer name: Hoshang Kosravi Household: 30 (lower 50) Population: 200 (lower 430) Date: 19 May, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Sublog Farmer name: Baharome Rahamon Household: 80 Population: 300(45%,55%) Date: 30 April, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Noorabad Farmer name: Sepahdar Naderi Household: 70 Population: 520(240,280) Date: 1 May, 2001
5 Price determination	government (with market)	trader	(trader, farmer, government)
6 Cooperatives near cooperative	none	none	none
7 Marketing facilities near cooperative	none	none	none
12 Problems	1. Lack of irrigation facilities 2. Shortage of fertilizer 3. Lack of agricultural machine; 3 tractors in village 4. Land ownership, 60household=nomad * tractor price: 50.0 million Rial	1. No cooperation 2. Need to improve irrigation system to expand. 1. Buy wheat from Bide cooperative. 2. Buy apple box from Semirom (2,500R/box-20kg)	1. Lack of irrigation water 2. Shortage of fertilizer 1. Buy wheat, rice, legume from Semirom, Esfahan, etc.
13 Plans, requests to local government	1. above	1. above	1. above 2. Esfahan province does not help us for food.

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K3-1-16 Aziz Abad Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Aziz Abad, Upper Farmer name: Hoshang Kosravi Household: 30 (lower 50) Population: 200 (lower 430) Date: 19 May, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Sublog Farmer name: Baharome Rahamon Household: 80 Population: 300(45%,55%) Date: 30 April, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Noorabad Farmer name: Sepahdar Naderi Household: 70 Population: 520(240,280) Date: 1 May, 2001
2 Livestock				
1 Kinds	unit	sheep goats cow horse chicken	sheep goats cow horse chicken	sheep goats cow horse chicken
2 Number	ave.	ave. 40	20 - 2 - 20	100 - 6 - 20
	total	80 20 6 4	1000 200 110 - ave. 10	
3 Chiks				
1 from whom		made by themselves	made by themselves	made by themselves
2 how much				
3 price	R/kg			
4 Grasing area, place	winter summer	in house around here	in Fars with guard paid 10,000/day in village	in Fars with guard in village
5 Production period	from to	Feb May or June	Apr.-Aug. Aug.-Apr.	9-month
6 Medicines				
1 how much		2 times/year	3 times/year, tablet, powder, liquid 10,000	4 times/year 20,000
2 Cost	R/head/year		Bide veterinary	Bide, Semirom
3 from whom				
7 Processing (slaughtering)				
1 How		Number of livestock in village sheep goat cow chicken Villager 3,000 5,000 1,000 ave. 40 Nomad 13,000 7,000 100 ave. 10	traditional in village	traditional in village
2 Cost				
8 Processing			cheese, butter, yaugult made by themselves	cheese, butter, yaugult made by themselves
1 Kinds				
2 Cost				
9 Marketing				
1 way of transportaion		pick-up	by pick-up	by pick-up
2 Place of market		Shahrekord, trader	Esfahan	Esfahan, Shahrekord
3 Distance of market	km	145	200	200
4 Cost of transportation	R/kg		2,500	
5 Selling volume	head/year	60		
6 Selling price	R/kg, R/head	10,000R/kg	10,000	10,000
7 Price diteration		market	market driven	market driven
8 Cooperatives		none	none	none
9 Marketing facilities		noe	none	none
9 Problems		1. Shortage of veterinary (medicine, doctor) 2. Grass is expensive 3. Shortage of grass	1. Lack of irrigation water 2. Land belongs to Environmental organization 3. High cost of secondary & high school 4. Poor road condition 5. Lack of drinking water 6. Cold weather in winter	1. Lack of feed
10 Plans, requests to local government		1. Above	1. above	1. above

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K3-1-16 Aziz Abad Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Aziz Abad, Upper Farmer name: Hoshang Kosravi Household: 30 (lower 50) Population: 200 (lower 430) Date: 19 May, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Sublog Farmer name: Baharome Rahamon Household: 80 Population: 300(45%,55%) Date: 30 April, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Noorabad Farmer name: Sepahdar Naderi Household: 70 Population: 520(240,280) Date: 1 May, 2001
3 Inland Fishery				
1 Kinds	unit	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout
2 Capacity	t/year	(none for village)	(none), private constructing: 60 t & 30 t	(none)
3 Chiks		three private firms 25 t capa. = under construction, 2000 50 t capa. = started 1994 50 t capa. = started 1997	Yasuj, Sisakht	
4 Production period	from, to	Owner:		
5 Medicines	kg	25 t capa. = private + one villager 50 t, 1994 = Joeghan + one villager 50 Tt, 1997 = Farsan		
1 how much				
2 Cost	R/kg			
3 from whom				
6 Processing				
1 How				
2 Cost				
7 Marketing				
1 Place, distance of market name, km		* There are river fish (white fish) in village.		
2 way of transportaion				
3 how much	kg			
4 Selling price	R/kg			
5 Price ditermination				
6 Cooperatives				
7 Marketing facilities				
8 Problems		1. Price is high		
9 Plans, requests to local government				

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K3-1-16 Aziz Abad Province: Chaharmahal-va-Bakhtiyari (Shahrekord) Village name: Aziz Abad, Upper Farmer name: Hoshang Kosravi Household: 30 (lower 50) Population: 200 (lower 430) Date: 19 May, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Sublog Farmer name: Baharome Rahamon Household: 80 Population: 300(45%,55%) Date: 30 April, 2001	Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Noorabad Farmer name: Sepahdar Naderi Household: 70 Population: 520(240,280) Date: 1 May, 2001
4 Handicraft				
1 Kinds	unit	carpet gilim(rug) Join shoes	carpet gilim(rug) hat shoes	carpet gilim(rug) hat shoes
2 Raw material				
1 from whom			by themselves	by themselves
2 how much	m2/year			
3 price	R/kg	20,000	20,000 (color)	1carpet 2 gilim
4 weight	kg/m2	25kg/6m2		
3 Place of working		in house	in house	in house
4 Working period, workability				
1 How			machine	machine machine
2 Workability	day/m/p	3 months/6m2	one month working	3-month 40 days/gilim
3 Labor cost	R/day	14,000		
5 Weaving machine	kg			
1 kinds		vertical & horizontal	horizontal	horizontal
2 Price of machine	R/kg	300,000		made by themselves
3 Durability	year	20-30	forever	20-year
6 Marketing				
1 way of transportaion		pick-up	by pick-up	by pick-up
2 Place of market		Shahrekord, Ardel, Esfahan, Kuwait country	hear and around cities	Shahrekord, Esfahan
Distance of market	km			200
3 how much	/year	400 m2 (one year production)		
4 Selling price	R/m2	200,000-300,000R/m2	80,000	200,000
5 Price ditermination		market	market driven	market driven
6 Cooperatives		none	none	none
7 Marketing facilities		none	none	none
7 Problems		1. Low selling price 2. High labor & material cost 3. Shortage of loan	none	1. Low selling price
8 Plans, requests to local government		1. Above	none	none

ANNEX K-1. Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	<p>Site: K3-1-16 Aziz Abad Province: Chaharmahal-va-Bakhtiari (Shahrekord) Village name: Aziz Abad, Upper Farmer name: Hoshang Kosravi Household: 30 (lower 50) Population: 200 (lower 430) Date: 19 May, 2001</p>	<p>Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Sublog Farmer name: Baharome Rahamon Household: 80 Population: 300(45%,55%) Date: 30 April, 2001</p>	<p>Site: K7-0-19-1, Korbek Province: Esfahan (Esfahan) Village name: Noorabad Farmer name: Sepahdar Naderi Household: 70 Population: 520(240,280) Date: 1 May, 2001</p>
5 Others:		<p>1. Bee-keeping 5 households doing, average 4 beehives. Some have more than 60 boxes has.</p> <p>2. Clinic: established in 1995, one nurse.</p> <p>3. Water supply: tank: 6x9 (5x8x2m) overflow; use for village primary school; mixed 50 students, 2 teachers. Bide city: secondary & high school</p> <p>4. Village committee: 1 three-five persons by election 2 head is village head & committee head. 3 every 4-year election under Interior Ministry 4 financial year: April 1 – March 31</p> <p>5. Telephone booth: one</p> <p>6. Private fish firm: 1 construction worker fee 1 worker: 30,000R/day 2 Professional: 80,000R/day 2 Agricultural bank loan: 6%/year 3 Construction cost: 1,250,000,000R include: Land Bulldozer Preparation Electricity line 4 Fly: from Sisakh in Yasuj 5 Water capa: spring water, 250+500 lit/s</p> <p>7. Village condition: 1 Snow: 1m height, 3-months in Dec to Feb.</p>	

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Kahangan Farmer name: Nozar Mosavi Household: 175(50%,50%) Population: 900 Date: 16 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Dangaz Loo Farmer name: Karmolah Mosavi Household: 100(50%,50%) Population: 400 Date: 17 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Tol Mohamad Farmer name: Ghodrattollah Mosavi Household: 74 (50%,50%) Population: 400 Date: 18 June, 2001
1 Agriculture & Horticulture			
1 Kinds unit	wheat rice alfalfa legumes vegetable apple barley potato	wheat rice alfalfa legumes vegetable apple barley potato	wheat rice alfalfa legumes vegetable apple barley potato
2 Seed			
1 from whom	Shahreza Karaj, Esfahan	Karaj	Shahreza Karaj
2 how much kg/ha, tree/ha	60 350-400	400	120 400
3 price R/kg, R/tree	12,000 2,000	2,300	5,000 2,000
3 Field area ha	total	total	total
total	100 700	300	12 100
place	around	around	around
4 Production period from			
2 to	(3 time/year)		3 times/year
3 yield t/ha	4.5 40	50	80
5 Fertilizer, chemicals			
1 manure	fertilizer fertilizer manure	fertilizer manure	fertilizer fertilizer manure
2 how much kg/ha	100 7kg/tree 25t/ha	0.5kg/tree 32t/ha	200 1-3kg/tree 20kg/tree
3 Price R/kg	234 480-1000 234	480-800 87.5	400-800 400-800 120
4 from whom	Bide Bide Shahrekord	Bide Shahrekord	Bide Bide Shahrekord
5 Chemical kg/ha			
R/kg			
from			
6 Insecticide			
1 how much kg/ha			
2 Price R/kg			
3 from whom			
7 How to harvest			
1 method	machine manual	manual	manual manual
2 cost R/p/d	15,000R/hr trader	trader	300,000R/ha trader
8 Drying			
1 method	sunshine		
2 duration days	5		1 week
9 Processing (threshing)			
1 How			
2 Cost R/kg			
10 Processing (milling)			
1 How			
2 Cost			
11 Marketing			
1 way of transportaion	(not enough, buy) truck	truck	(home consumption) truck
2 Place, distance of market name		Semirom, Esfahan Shiraz Tehran	Semirom, Esfahan Shiraz Tehran
distance km			
cost R/kg			700-1,200,000R/time
3 how much ton/year	40x700	50x300	80x100
4 Selling price R/kg	1,800	1,500	1,800

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Kahangan Farmer name: Nozar Mosavi Household: 175(50%,50%) Population: 900 Date: 16 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Dangaz Loo Farmer name: Karmolah Mosavi Household: 100(50%,50%) Population: 400 Date: 17 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Tol Mohamad Farmer name: Ghodratollah Mosavi Household: 74 (50%,50%) Population: 400 Date: 18 June, 2001
5 Price determination	tribunary	trader	trader
6 Cooperatives near cooperative	no	no	no
7 Marketing facilities near cooperative	no	no	no
12 Problems	1. Low selling price 2. High fertilizer cost	1. No cooperative 2. No good system to export 3. Input is expensive. 4. Need loan support	1. Low price 2. No storage 3. Trader not give money on time 4. High input cost 5. Water, land shortage 6. Nomad comes(100H.H.) 7. Water usage problem 8. No fixed water distribute
13 Plans, requests to local government	1. 200ha pump irrigation	1. Expand 150ha in range land. 2. Rehabilitate canal 3. Grading & processing facilities.	1. Expand village 150ha. 2. Pump irrigation for 150ha.

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Kahangan Farmer name: Nozar Mosavi Household: 175(50%,50%) Population: 900 Date: 16 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Dangaz Loo Farmer name: Karmolah Mosavi Household: 100(50%,50%) Population: 400 Date: 17 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Tol Mohamad Farmer name: Ghodratollah Mosavi Household: 74 (50%,50%) Population: 400 Date: 18 June, 2001
2 Livestock				
1 Kinds	unit	sheep goats cow donkey chicken	sheep goats cow donkey chicken	sheep goats cow donkey chicken
2 Number	ave.		10 10 3-5 50	
	total	700 100 140 20 10		150 60 140 10 500
3 Chiks				
1 from whom		made by themselves	by themselves	by themselves
2 how much		1-2 head/year		
3 price	R/kg			
4 Grasing area, place	winter summer	range land (1,700ha) in house	3-4 months; range land	1-2 month at outside (May, June)
5 Production period	from to	5-6 months	1 head/year	5 months
6 Medicines				
1 how much		2 times/year	2 times/year in Mar. Nov.	3 times
2 Cost	R/head/year	20,000	15,000 50,000 2,000	30,000 50,000 1,500
3 from whom		Bide veterinary	Bide Bide Bide	Bide Bide Bide
7 Processing (slaughtering)				
1 How				
2 Cost				
8 Processing				
1 Kinds		cheese, butter, yorgult, kashk		
2 Cost				
9 Marketing				
1 way of transportaion		home consumption	2-stage car, 100 sheet/truck or 10,000 chicken	trader truck
2 Place of market			trader coms from Esfahan, Yazd	Esfahan
3 Distance of market	km		200-250	
4 Cost of transportation	R/kg		trader	trader
5 Selling volume	head/year		few	100
6 Selling price	R/kg, R/head		20,000 7,000	18,000-20,000
7 Price ditermination			government	government
8 Cooperatives			no	no
9 Marketing facilities			no	no
9 Problems			1. Nomad about range land (20H.H from Fars province) 2. Range land is limited 3. Dificult to change alfalfa (natural grass is better)	1. Range land usage 2. Shortage of feed, High cost of feed 3. Overgrazing—nomad come here 4. Land shortage
10 Plans, requests to local government			1. Want to increase cow. 2. Dam construction of upper parts. 3. Canal construction from dam	1. 700 ha range land usage 2. Farm land increase. 3. Separate range land from nomad

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Kahangan Farmer name: Nozar Mosavi Household: 175(50%,50%) Population: 900 Date: 16 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Dangaz Loo Farmer name: Karmolah Mosavi Household: 100(50%,50%) Population: 400 Date: 17 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Tol Mohamad Farmer name: Ghodratollah Mosavi Household: 74 (50%,50%) Population: 400 Date: 18 June, 2001
3 Inland Fishery			
1 Kinds unit	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout
2 Capacity t/year			
3 Chiks	(none)	(none)	(none)
1 from whom			
2 how much			
3 price R/kg			
4 Production period from, to			
5 Medicines kg			
1 how much			
2 Cost R/kg			
3 from whom			
6 Processing			
1 How			
2 Cost			
7 Marketing			
1 Place, distance of market name, km			
2 way of transportaion			
3 how much kg			
4 Selling price R/kg			
5 Price determination			
6 Cooperatives			
7 Marketing facilities			
8 Problems		1. Springs are small	
9 Plans, requests to local government	1. River side fishculture		

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Kahangan Farmer name: Nozar Mosavi Household: 175(50%,50%) Population: 900 Date: 16 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Dangaz Loo Farmer name: Karmolah Mosavi Household: 100(50%,50%) Population: 400 Date: 17 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Tol Mohamad Farmer name: Ghodratollah Mosavi Household: 74 (50%,50%) Population: 400 Date: 18 June, 2001
4 Handicraft	(10 H.H)		(5 H.H)
1 Kinds unit	carpet gilim(rug) cloths shoes	carpet gilim(rug) cloths shoes	carpet gilim(rug) cloths shoes
2 Raw material			
1 from whom	Shahreza	(none)	Shahreza, Semirom
2 how much m2/year			
3 price R/kg	30,000 (color)		10,000R/kg. ?
4 weight kg/m2			
3 Place of working	in house		in house
4 Working period, workability			
1 How			
2 Workability day/m/p	4-month/12m2		8 months/6m2
3 Labor cost R/day			
5 Weaving machine kg			
1 kinds	horizontal		vertical
2 Price of machine R/kg	150,000		500,000R. ?
3 Durability year	ever		
6 Marketing			
1 way of transportaion	minibus		(home consumption)
2 Place of market	Shahreza		
Distance of market km	200		
3 how much /year	12m2		
4 Selling price R/m2	700000R/3m2		
5 Price determination	market		
6 Cooperatives	none		
7 Marketing facilities	none		
7 Problems	1. No cooperative 2. High raw material 3. Lack of loan for material	1. They don't have raw materials. 2. Children want to go to school and job of industry	1. Traing, money shortage 2. Little space for weaving in house 3. No cooperative
8 Plans, requests to local government	1. Technology transfer 2. Want to increase carpet and handicraft.	1. Technical transfer 2. Education	1. Want to increase. 2. Education

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Kahangan Farmer name: Nozar Mosavi Household: 175(50%,50%) Population: 900 Date: 16 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Dangaz Loo Farmer name: Karmolah Mosavi Household: 100(50%,50%) Population: 400 Date: 17 June, 2001	Site: K7-0-19-1 Sar Baz Province: Esfahan (Esfahan) Village name: Tol Mohamad Farmer name: Ghodratoollah Mosavi Household: 74 (50%,50%) Population: 400 Date: 18 June, 2001
5 Others:	1. Drinking water is not enough. 2. Near spring is belonged to private person. 3. Few spring are there for villagers. 1. Daily food: wheat powder 1,200R/kg buying Plan & request 1. Installation of water supply system 2. Recreation facility 3. Renovation of village; road, sewage, industry Bee-keeping 1. 10 H.. (ave 20 boxes) 2. 6-month here, 6-month to Kazerumu 3. Honey price: 20,000R/kg 4. Production: 1.5kg/year 5. O&M cost: 20,000R/box 6. New box: 15,000	1. Tried new apple variety 2-3ha. (7,000R/tree) 2. New variety = Sib Paiekuta; old = Sib Vaziri 3. Cold storage are not economical. 1. Flood happened in lower parts of village. 1. Bee-keeping (4H.H. ave 50 boxes) 2. Production: 30kg/box 3. Honey selling price: 15000 R/kg	1. Some farmer doing drip irrigation near village. 2. It started 5 years ago with Agri Organization. 3. It is good maintained. 1. Resident-non resident water usage problem. 2. Villager-nonresident water usage problem. 1. Apple price determination: (1) trader come to estimate at May, June. (2) trader pay money at advance. (3) trader come to harvest. (4) trader pay remained money. (sometimes, it is delayed.) 1. One ha alfalfa = 2 cows (or 15 sheep) can grazing 2. Kashk manufacturing: (1) boil milk to make yorgult (2) shaking yorgult separat butter and Duk (manual 2 hours or machine 45 minutes) (3) boil Duk to make raw material (4) Cool raw material to make ball. (5) Dry ball to make Kashk. (15kg yorgult to 1 kg Kashk.) 1. Request telephone line (now only one line). 2. Gas supply system. 3. Health center for periodical check.

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K7-48, Tange Sorkh Province: Kohgiluyeh-va-Boyerahmad (Yasuj) Village name: Tang Sorkh Farmer name: Household: 120 Population: 660 Date: 3 May, 2001	
1 Agriculture & Horticulture			
1 Kinds	unit	wheat rice alfalfa legumes vegetable walnut barley apple	
2 Seed		by themselves Yasuj, Shiraz	
1 from whom			
2 how much	kg/ha, tree/ha	120	100 50 - 100-400
3 price	R/kg, R/tree	1,000	13,000 6,000 2,000-6,000
3 Field area	ha	25	
total	ha	1-0.5	
place		around house	
4 Production period	from	Oct.	
2	to	Apr. Apr.	
3 yield	t/ha	July Sep. Aug	
5 Fertilizer, chemicals			
1 manure			
2 how much	kg/ha		
3 Price	R/kg		
4 from whom			
5 Chemical	kg/ha	300	400
	R/kg	500	500
	from	Yasuj	Yasuj
6 Insecticide			
1 how much	kg/ha		
2 Price	R/kg		
3 from whom			
7 How to harvest			
1 method		manual	
2 cost	R/p/d	25,000	
8 Drying			
1 method		on field	
2 duration	days	10	
9 Processing (threshing)			
1 How			
2 Cost	R/kg		
10 Processing (milling)			
1 How		machine (in village)	
2 Cost		10 R/kg or 1/10 of powder	
11 Marketing			
1 way of transportaion			
2 Place, distance of market name		consumed here	
distance	km		
cost	R/kg		
3 how much	ton/year		
4 Selling price	R/kg	1,000	1,000

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K7-48, Tange Sorkh Province: Kohgiluyeh-va-Boyerahmad (Yasuj) Village name: Tang Sorkh Farmer name: Household: 120 Population: 660 Date: 3 May, 2001
5 Price determination	market market market
6 Cooperatives near cooperative	none
7 Marketing facilities near cooperative	none
12 Problems	1. Shortage of medicine 2. Lack of splaying machine.
13 Plans, requests to local government	1. above

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K7-48, Tange Sorkh Province: Kohgiluyeh-va-Boyerahmad (Yasuj) Village name: Tang Sorkh Farmer name: Household: 120 Population: 660 Date: 3 May, 2001				
2 Livestock						
1 Kinds	unit	sheep	goats	cow	horse	chicken
2 Number	ave.					
	total	300	250	60	- ave. 20	
3 Chicks		made by themselves				
1 from whom						
2 how much						
3 price	R/kg					
4 Grazing area, place	winter summer	(no another answers are obtained.)				
5 Production period	from to					
6 Medicines						
1 how much						
2 Cost	R/head/year					
3 from whom						
7 Processing (slaughtering)						
1 How						
2 Cost						
8 Processing						
1 Kinds						
2 Cost						
9 Marketing						
1 way of transportaion						
2 Place of market						
3 Distance of market	km					
4 Cost of transportation	R/kg					
5 Selling volume	head/year					
6 Selling price	R/kg, R/head					
7 Price ditermination						
8 Cooperatives						
9 Marketing facilities						
9 Problems						
10 Plans, requests to local government						

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K7-48, Tange Sorkh Province: Kohgiluyeh-va-Boyerahmad (Yasuj) Village name: Tang Sorkh Farmer name: Household: 120 Population: 660 Date: 3 May, 2001
3 Inland Fishery		
1 Kinds	unit	red speckle rainbow carp trout trout
2 Capacity	t/year	(none for villager), private firm: 30 t capacity
3 Chiks		(Operation)
1 from whom		one people from Yasuj.
2 how much		two workers from this village.
3 price	R/kg	
4 Production period	from, to	
5 Medicines	kg	
1 how much		
2 Cost	R/kg	
3 from whom		
6 Processing		
1 How		
2 Cost		
7 Marketing		
1 Place, distance of market name, km		
2 way of transportaion		
3 how much	kg	
4 Selling price	R/kg	
5 Price diterationation		
6 Cooperatives		
7 Marketing facilities		
8 Problems		
9 Plans, requests to local government		

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K7-48, Tange Sorkh Province: Kohgiluyeh-va-Boyerahmad (Yasuj) Village name: Tang Sorkh Farmer name: Household: 120 Population: 660 Date: 3 May, 2001			
4 Handicraft					
1 Kinds	unit	carpet	gilim(rug)	hat	shoes
2 Raw material		(none in village)			
1 from whom					
2 how much	m2/year				
3 price	R/kg				
4 weight	kg/m2				
3 Place of working					
4 Working period, workability					
1 How					
2 Workability	day/m/p				
3 Labor cost	R/day				
5 Weaving machine					
1 kinds	kg				
2 Price of machine	R/kg				
3 Durability	year				
6 Marketing					
1 way of transportaion					
2 Place of market					
Distance of market	km				
3 how much	/year				
4 Selling price	R/m2				
5 Price ditermination					
6 Cooperatives					
7 Marketing facilities					
7 Problems					
8 Plans, requests to local government					

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	<p>Site: K7-48, Tange Sorkh Province: Kohgiluyeh-va-Boyerahmad (Yasuj) Village name: Tang Sorkh Farmer name: Household: 120 Population: 660 Date: 3 May, 2001</p>
5 Others:	<p>1. Clinic: one clinic two nurses (male, female) sometimes, doctor comes from Yasuj 2. School: primary secondary student 88 55 3. Water supply: drinking water supplied all household. irrigation for 450 ha. non-irrigation for 300ha 4. Fuel consumed: 1 1,000-1,300 lit/year 2 150-200 R/lit (50 R/lit--transportation fee) 3 every 4-year election under Interior Ministry 4 financial year: April 1 - March 31 5. Private Fish Firm: 1 started 1998 2 fly from Shi Sakht in Yasuj 1 250,000 fly/year buying 3 keeping stage 1: 800 fly/m3 stage 2: 100 fly/m3 stage 3: 50-60 fly/m3 stage 4: 50 fly/m3 up to 30 cm length 4 keeping period: about one year 5 death: normal water condition: 20% poor water condition: 30% Autumn is best. 6 Feed: 500g/fish; total 45 t from Tehran and Lordegan 3,500- 7,000 R/kg contents: fish powder, soyabean, wheat cover 7 Production: 30 t/year to 50t/year 8 Transportation: one time/year by own truck to Tehran Rent-a-car: 800,000R/time(1.5t) with cool 9 Selling price: 13,000R/kg 10 trained by government, get ID card 11 loan: 6%, 3-years, 500million Rials. 12 Disease: nothing (antibiotics) 13 Inspector comes one time per 6-month 14 water supply: $1\text{m} \times 0.4\text{m} \times 2/3 \text{ m/s} = 0.267\text{m}^3/\text{s}$ 15 operation: 2-3 person</p>

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Lirsiah Shaporia Farmer name: Mohammad Hosseing Lirsiahi Household: 57 Population: - Date: 25 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Dareh Zang Farmer name: Nader Yodarzi Household: 50 Population: 500 (240,260) Date: 26 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Seh Bilitak Farmer name: Angena Barati Household: 8 Population: 72 Date: 27 April, 2001
1 Agriculture & Horticulture				
1 Kinds	unit	wheat rice alfalfa legumes vegetable grape barley	wheat rice alfalfa legumes vegetable grape barley	wheat rice alfalfa legumes vegetable grape barley
2 Seed				
1 from whom		make by themselves	make by themselves	make by themselves
2 how much	kg/ha, tree/ha	60 70	60 100	60
3 price	R/kg, R/tree	1,000 3,000 6,000	1,000 5,000	1,000
3 Field area	ha	8-10 (incl. All field)	5 (incl.)	20 (incl.)
total	ha			
place		near house, non-irrigation	near house	near house
4 Production period	from	Oct May	Oct	Oct
2 to		May Aug	May	May
3 yield	t/ha			
5 Fertilizer, chemicals				
1 manure		manure	chemical	chemical
2 how much	kg/ha	1,200	120	500
3 Price	R/kg	-	500,000R/5ha (all)	600
4 from whom		by themselves	Izeh	Dehdez city
5 Chemical	kg/ha R/kg from			
6 Insecticide				
1 how much	kg/ha		-	100
2 Price	R/kg	40,000R/50kg	-	-
3 from whom		Izeh city	-	Dehdez city
7 How to harvest				
1 method		manual	manual	manual
2 cost	R/p/d	-	-	30,000 (hired labor)
8 Drying				
1 method		on filed	on filed	on filed
2 duration	days	14	120(4months)	45
9 Processing (threshing)				
1 How		thresher thresher thresher		
2 Cost	R/kg	1/10 bags		
10 Processing (milling)				
1 How		machine machine (in village) (in village)	machine machine (in village)	machine machine (in village)
2 Cost		1/10 bag 1/10 bags	1/10 bags	1/8 bags 1/8 bags
11 Marketing				
1 way of transportaion		by pick-up	all consumption	by pick-up
2 Place, distance of market name		Izeh city	Dehdez	Dehdez cooperatives
distance	km	90	25	25
cost	R/kg		-	2,500
3 how much	ton/year	9	(only extra)	
4 Selling price	R/kg	1,000 3,000	1,000	1,000

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Lirsiah Shaporla Farmer name: Mohammad Hosseing Lirsiahi Household: 57 Population: - Date: 25 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Dareh Zang Farmer name: Nader Yodarzi Household: 50 Population: 500 (240,260) Date: 26 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Seh Blitak Farmer name: Angena Barati Household: 8 Population: 72 Date: 27 April, 2001
5 Price determination	government (with market trend)	government (with market)	government
6 Cooperatives near cooperative	Farmer cooperative	None nomad cooperative	None Agri coop. (in Dehdez)
7 Marketing facilities near cooperative	None	None	None coop house
12 Problems	1. lack of rainfall 2. lack of fertilizer 3. low income 4. road closed in winter 5. shortage of drinking water 6. high slope of farmland 7. Hard living condition 8. lack of school	1. Shortage of rainfall 2. Disease of animal 3. Lack of medicine 4. Lack of school 5. Poor of road 6. Lack of telephone line 7. Steep slope of farmland 8. Lack of drinking water	1. lack of irrigation water. 2. lack of drinking water. 3. lack and high cost of fertilizer. 4. low price of selling price.
13 Plans, requests to local government	1. above	1. above	1. above

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Lirsiah Shaporia Farmer name: Mohammad Hosseing Lirsiahi Household: 57 Population: - Date: 25 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Dareh Zang Farmer name: Nader Yodarzi Household: 50 Population: 500 (240,260) Date: 26 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Seh Blitak Farmer name: Angena Barati Household: 8 Population: 72 Date: 27 April, 2001
2 Livestock				
1 Kinds	unit	sheep goats cow horse chicken	sheep goats cow donkey chicken	sheep goats cow donkey chicken
2 Number	ave.	100 (incl.) 1 5 20		180 40 1 1 50
	total			
3 Chiks				
1 from whom		made by themselves	made by themselves	made by themselves
2 how much			20	
3 price	R/kg		-	
4 Grasing area, place	winter summer	within village and range land mountain area	around village on mountain in Chahmahar Province	in village in Haftcheshmeh in Chahmahar Province
5 Production period	from to	1 year grown	1 year	male: 2 years female: 8 years
6 Medicines				
1 how much		3 times/year	2 times/tablet/year	3 times/year
2 Cost	R/head/year	5,000R/head/year	1,500	10,000
3 from whom		Dehdez or Izeh	Izeh	Izeh, Sharekord, Ahvaz
7 Processing (slaughtering)				
1 How		traditional in village	traditional in village	traditional in village
2 Cost		150,000R/head (hired labor)	100,000R/unit	
8 Processing				
1 Kinds				
2 Cost				
9 Marketing				
1 way of transportaion		by pick-up	by pick-up	by pick-up
2 Place of market		Izeh	Esfahan	Esfahan
3 Distance of market	km	90	310	310
4 Cost of transportation	R/kg	200	200,000/pick-up	
5 Selling volume	head/year		20	
6 Selling price	R/kg, R/head	10,000	10,000	10,000
7 Price dtermination		government (with market trend)	market (with government suggestion)	market driven
8 Cooperatives		none	none (nomad cooperative)	none
9 Marketing facilities		none	none	none
9 Problems		1. lack of grass 4. lack of grazing place 2. lack of medicine 3. low selling price	1. lack of feed 5. Low price 2. medicine is limited 6. Feed price is high 3. Lack of grazing place 7. Car lent is high 4. Fear of wild animal	1. lack of feed 2. medicine is limited 3. difficulty of improving animal husbandry
10 Plans, requests to local government		1. above	1. above	1. above

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Lirsiah Shaporia Farmer name: Mohammad Hosseing Lirsiahi Household: 57 Population: - Date: 25 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Dareh Zang Farmer name: Nader Yodarzi Household: 50 Population: 500 (240,260) Date: 26 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Seh Blitak Farmer name: Angena Sarati Household: 8 Population: 72 Date: 27 April, 2001
3 Inland Fishery				
1 Kinds unit		red speckle rainbow carp trout trout	red speckle rainbow carp trout trout	red speckle rainbow carp trout trout
2 Capacity t/year		(none)	(none)	(none)
3 Chiks				
1 from whom				
2 how much				
3 price R/kg				
4 Production period from, to				
5 Medicines kg				
1 how much				
2 Cost R/kg				
3 from whom				
6 Processing				
1 How				
2 Cost				
7 Marketing				
1 Place, distance of market name, km				
2 way of transportation				
3 how much kg				
4 Selling price R/kg				
5 Price determination				
6 Cooperatives				
7 Marketing facilities				
8 Problems				
9 Plans, requests to local government				

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

		Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Lirsiah Shaporia Farmer name: Mohammad Hosseing Lirsiahi Household: 57 Population: - Date: 25 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Dareh Zang Farmer name: Nader Yodarzi Household: 50 Population: 500 (240,260) Date: 26 April, 2001	Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Seh Blitak Farmer name: Angena Barati Household: 8 Population: 72 Date: 27 April, 2001
4 Handicraft				
1 Kinds	unit	carpet gilim(rug) hat shoes	carpet gilim(rug) hat shoes	carpet gilim(rug) hat shoes
2 Raw material				
1 from whom		by themselves/color from Dehdez, Ideh	by themselves/color from Izeh, Shahrekord	by themselves/color from Izeh, Shahrekord
2 how much	m2/year		6 (incl.) -	6 (incl.) -
3 price	R/kg	5,000 (color thread)	10,000 (color thread)	5,000 (color thread)
4 weight	kg/m2	8kg/m	3	20kg/6m2
3 Place of working		in house	in house	in house
4 Working period, workability				
1 How		by weaving machine	by weaving machine	by weaving machine
2 Workability	day/m/p	15	1 month for khorjin, 1 month for jojin	
3 Labor cost	R/day	300	6 m2/3 months/carpet	5,000
5 Weaving machine	kg			
1 kinds		horizontal	horizontal or vertical	horizontal or vertical
2 Price of machine	R/kg	make by themselves	150,000 (made of iron)	150,000 (made of iron)
3 Durability	year	15	for ever (made of iron)	for ever (made of iron)
6 Marketing				
1 way of transportation		by pick-up	by pick-up	by pick-up
2 Place of market		here, Izeh	within village	here, Shiraz, Esfahan, Shahrekord
Distance of market	km	0-90	-	0 - 310 km
3 how much	/year	1-2	1 carpet/year	
4 Selling price	R/m2	200,000	200,000	200,000 30,000
5 Price determination		market driven and government	market driven	market driven
6 Cooperatives		none	none (nomad cooperative)	none
7 Marketing facilities		none	none	none
7 Problems		1. loan is required. 2. lack of weaving machine 3. lack of reasonable market 4. low selling price 5. lack of facilities	1. Lack of facility 2. Selling price is low 3. Income is not so good	1. Selling price is very low. 2. lack of facility for weaving 3. loan is required.
8 Plans, requests to local government		1. above	1. above	1. above

ANNEX K-1 Interview to Farmers

Site Survey by This Study Team
(Handicraft/Marketing/Processing)

	<p>Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Lirsiah Shaporis Farmer name: Mohammad Hosseing Lirsiahi Household: 57 Population: - Date: 25 April, 2001</p>	<p>Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Dareh Zang Farmer name: Nader Yodarzi Household: 50 Population: 500 (240,280) Date: 26 April, 2001</p>	<p>Site: K8-28 Zeras Province: Khuzestan (Ahvaz) Village name: Seh Blitak Farmer name: Angena Barati Household: 8 Population: 72 Date: 27 April, 2001</p>																				
5 Others:	<p>1. Processing facilities in Zeras area</p> <ol style="list-style-type: none"> 1 Rice mill: 1 unit; wheat 5 units 2 established: 15 years ago 3 Spare parts obtained from Izeh 4 Every day working 5 Process cost: <ul style="list-style-type: none"> rice: 8,000R/60kg (hull, mill) 10 minutes operation wheat: 16,000R/60kg (mill) 30 minutes operation 6 Investment cost: <ul style="list-style-type: none"> building: 10,000,000R huller: 20,000,000R polisher: 10,000,000R engine: 30,000,000R milller: 20,000,000R not used loan. 7 Income: <ul style="list-style-type: none"> Rice is good. Wheat is not good. Wheat powder quality is not good. (colored). 8 Group operation <ul style="list-style-type: none"> member: 2,000 person from around villagers. 2,000 person from nomad deposit: base price is 100,000 Rial 9 Others: <ul style="list-style-type: none"> Possible loan from agricultural bank (10-13%). 	<p>2. Agricultural crop is not enough.</p> <ol style="list-style-type: none"> 1 Sometimes buy from others. 2 Buying & selling price is same. 3 Sell livestock. <p>3. Primary school</p> <table> <thead> <tr> <th>place</th> <th>teacher</th> <th>grade</th> <th>student</th> </tr> </thead> <tbody> <tr> <td>1 Musabi</td> <td>1-4</td> <td>10</td> <td>220</td> </tr> <tr> <td>2 Meher</td> <td>1</td> <td>3</td> <td>60</td> </tr> <tr> <td>3 Shariti</td> <td>1</td> <td>1</td> <td>10</td> </tr> <tr> <td>Mallah</td> <td>12</td> <td>4</td> <td>200 (opposite area)</td> </tr> </tbody> </table> <p>4. Clinic: one (one male nurse)</p>	place	teacher	grade	student	1 Musabi	1-4	10	220	2 Meher	1	3	60	3 Shariti	1	1	10	Mallah	12	4	200 (opposite area)	
place	teacher	grade	student																				
1 Musabi	1-4	10	220																				
2 Meher	1	3	60																				
3 Shariti	1	1	10																				
Mallah	12	4	200 (opposite area)																				

ANNEX K-2 Guranteed Price

Guranteed Price in Year 2000-2001 (Rial/kg)

Crops	Price	Specifications
Wheat	1,050	Max up to 10% of useful decreasing, 7% of unuseful decreasing.
Dorum wheat	1,155	Max up to 4% of useful decreasing, 2% of unuseful decreasing.
Barley	800	one year ago buying conditons
Corn	890	"
Sugar beet	252	with 16% of assay
Cotton	2,820	
Sunflower	2,035	
Soybean	1,770	
Oil (corn)	2,050	
Potato (autumn)	237	fair, healty, without pests and external materials
Potato (spring)	279	"
Potato (all season)	570	"
Potato (autumn)	277	"
Potato (spring)	400	"
Potato (all season)	420	"
Pea	1,870	healty, class no. 1, clean, without external materials into 50kg bags
Lentil	2,285	"
Bean	2,240	"
Kedney bean	2,065	"
Navy bean	2,240	"

Note: 1) Iran Rural Cooperation Organization and Grain Organization are in charge of buying of durum wheat and giving these wheat to the country flour plants for changing of these wheat into flour (samulina) and keep these wheat separated from normal wheat.

2) Against giving one tone of sugar beet, it's delivered 20kg of megass (motasses) and each kg is 20 Rials and it's delivered 2 kg of sugar and rate of each kg is 500 Rials as a prize.

Guranteed Price in Year 2000 (Rial/kg)

Crops	Price	Specifications
Exellent apple	1,032	red golden abbasi, 4-5 pieces in one kg.
Class 1 apple	820	red golden abbasi, 5-6 pieces in one kg.
Class 2 apple	616	red golden abbasi, 6-8 pieces in one kg.
Class 3 apple	270	red golden abbasi, 8-10 pieces in one kg.
Date		
Minimum price	1,160	One package 3 kg
Maximum price	1,700	"
Orange	489	6-8 pieces in one kg, with box.
Sweet lemon	496	8-10 pieces in one kg, with box.
Lemon (hormozgan)	827	fair without spot. (Box must be bought by buyer.)
Grip fruit	331	(white southern), with pasteboard box
Tangerine (class 1)	475	(Mazandaran), with box
"	372	(northern), with box
Pomegranate	708	5-6 pieces in one kg, without track, into the paste board box
Raisin (green)	2,910	(Tizabi), without stick in 10gk packages, 10% of decreaseing, 16% of wetness
Dried big fig	2,478	(estahban), with paste board box.
Apricot	2,553	(sunny), in special paste board box.
Apricot	2,853	(california), in special paste board box.

Source: Provincial Agriculture Office, Charharmahal va Bakhtiyari

ANNEX K-3 Market Price (1)

Chaharmahal va Bakhtiari Province
Average Wholesale Price (Rial/kg)

Products	Type	Year 1994												1994
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	average
Agriculture														
1 Grains														
1 Wheat	omid sorkheh	265	280	271	261	260	260	260	260	260	260	270	270	265
2 Barley	local (Mahalli)	253	240	226	236	253	255	255	250	253	270	270	270	253
3 Sweet corn	governmental corn ***													
4 Rice														
	Sadri Shomali	1,625	1,850	1,850	1,875	1,950	1,850	2,175	2,200	2,275	2,350	2,637	3,400	2,170
	Champa Mahalli	1,200	1,100	1,400	1,325	1,200	1,100	1,475	1,350	1,525	1,750	2,100	2,500	1,502
	Gerde Mahalli	600	600	600	605	620	650	890	855	980	1,100	1,350	1,700	879
2 Legume														
1 Pea	local (Mahalli)	650	588	700	775	900	900	1,400	1,400	1,475	1,575	2,300	2,475	1,262
2 Bean	Navy bean	428	538	700	650	653	900	1,137	1,000	1,088	1,262	1,550	1,737	970
	Kidney bean													
	Chiti													
3 Lentil	local (Mahalli)	400	450	425	488	564	900	1,000	1,000	825	1,000	1,275	1,300	802
4 Chick pea	local (Mahalli)	700	700	613	663	700	700	1,062	943	925	962	1,212	1,200	865
3 Raisin														
1 Green		1,200	1,100	1,200	1,200	1,200	-	1,200	1,200	2,275	1,900	2,500	2,500	1,589
2 Sunny		650	613	600	625	700	600	700	700	1,050	1,025	1,175	1,000	787
4 Summer crops														
1 Potato		115	208	290	237	158	178	200	173	170	181	442	450	234
2 Onion		725	188	138	110	110	143	340	215	183	193	285	330	247
Livestock														
1 Sheep meat	with bone	6,500	6,500	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,500	6,000	7,500	6,250
2 Beef (cow)	without bone	4,800	6,250	5,000	5,000	4,375	4,400	4,400	4,400	4,200	4,200	5,000	4,150	4,723
3 Calf meat	without bone	5,000	5,800	5,500	5,500	5,000	4,500	4,500	4,500	4,300	4,300	5,500	5,100	4,958
4 Chicken		2,488	2,400	2,300	2,275	2,625	3,137	2,850	2,500	2,255	2,612	3,070	3,925	2,703
5 Egg		1,175	1,025	1,100	937	1,212	1,530	1,675	1,365	1,413	1,700	1,737	1,535	1,367
6 Milk		300	320	320	342	350	350	350	350	363	400	400	400	354
7 Yoghurt		300	350	350	350	350	400	350	350	365	400	400	400	364
8 Cheese		1,800	2,075	2,100	2,100	2,250	2,625	3,000	2,300	2,150	2,400	2,400	2,900	2,342
9 Butter		3,500	3,575	3,600	3,600	3,900	4,475	5,000	4,500	4,875	5,500	5,275	5,500	4,442
10 Oil		10,000	10,000	10,000	10,500	11,000	12,000	14,000	14,750	15,000	14,000	15,000	-	12,386
11 Wool		1,200	1,100	900	900	900	1,275	1,600	1,600	1,800	2,000	2,500	2,975	1,563
Dried Fruit														
1 Almond		8,500	8,300	8,400	8,400	8,450	8,050	11,300	11,250	11,250	12,000	15,000	-	10,082
2 Walnut		6,500	5,500	5,400	5,400	5,450	-	8,500	8,500	8,625	8,500	11,000	-	7,338

Source: Provincial Agriculture Office
Charharimahar va Bakhtiari

ANNEX K-3 Market Price (1)

Chaharmahal va Bakhtiyari Province
Average Wholesale Price (Rial/kg)

Products	Type	Year 1995												1995 average
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
Agriculture														
1 Grains														
1 Wheat	omid sorkheh	300	315	318	328	329	331	340	358	356	360	370	370	340
2 Barley	local (Mahalli)	280	277	270	251	250	254	266	275	298	314	320	320	281
3 Sweet corn	governmental corn ***								478	475	490	430	460	467
4 Rice														
	Sadri Shomali	3,713	3,975	4,850	4,238	4,050	4,450	4,725	4,980	5,150	4,962	4,950	4,938	4,582
	Champa Mahalli	3,000	3,350	3,375	3,235	3,200	3,250	3,225	3,200	3,325	3,125	3,300	3,300	3,240
	Gerde Mahalli	2,200	2,225	2,350	2,675	2,550	2,700	1,975	2,000	2,000	1,900	1,900	1,900	2,198
2 Legume														
1 Pea	local (Mahalli)	3,800	2,975	2,625	2,575	2,050	2,550	2,675	2,050	2,000	2,200	2,400	2,238	2,512
2 Bean	Navy bean	2,300	2,400	2,150	1,900	1,900	2,000	1,988	1,925	1,925	2,075	2,200	2,250	2,084
	Kidney bean	2,300	2,400	2,150	1,900	1,900	1,950	1,913	2,000	2,025	2,175	2,300	2,350	2,114
	Chiti	2,300	2,400	2,150	1,900	1,900	3,100	3,275	3,125	3,075	3,275	3,600	3,700	2,817
	local (Mahalli)	2,000	1,675	1,450	1,425	1,200	1,200	1,300	1,500	1,575	1,600	1,600	1,600	1,510
3 Lentil	local (Mahalli)	1,800	1,725	1,625	1,575	1,600	1,625	1,512	1,500	1,525	1,450	1,450	1,500	1,574
3 Raisin														
1 Green		2,025	2,025	1,900	2,075	2,000	2,250	2,000	2,075	2,750	3,000	3,000	3,000	2,342
2 Sunny		1,100	1,200	1,100	1,000	1,000	950	1,050	1,000	950	1,025	1,100	1,000	1,040
4 Summer crops														
1 Potato		800	957	600	438	475	450	427	563	813	988	1,100	1,200	734
2 Onion		330	525	288	200	228	250	263	263	295	350	342	350	307
Livestock														
1 Sheep meat	with bone	8,000	7,500	7,875	7,525	8,250	8,925	9,625	11,000	11,000	11,000	11,500	9,500	9,308
2 Beef (cow)	without bone	6,000	6,000	6,000	6,000	7,250	6,500	6,500	6,000	6,250	6,500	6,500	7,500	6,417
3 Calf meat	without bone	6,200	6,200	6,200	6,200	7,500	6,500	6,500	7,500	7,500	7,500	7,500	8,000	6,942
4 Chicken		3,400	3,387	3,175	3,513	4,075	4,287	3,887	3,913	3,800	4,025	4,400	4,400	3,855
5 Egg		1,650	1,750	1,450	1,425	1,835	1,850	2,137	2,200	2,350	2,550	2,500	2,500	2,016
6 Milk		450	500	500	513	500	512	550	550	550	550	550	600	527
7 Yoghurt		450	512	538	525	500	550	550	550	550	550	550	600	535
8 Cheese		3,000	3,275	3,375	3,475	3,500	3,575	3,612	3,450	3,100	2,950	3,000	3,200	3,293
9 Butter		6,000	6,125	6,450	6,275	6,300	6,500	6,500	6,500	7,000	7,000	7,375	7,500	6,627
10 Oil		16,000	15,250	14,750	14,500	15,000	16,000	16,250	17,500	18,750	20,000	20,000	20,000	17,000
11 Wool		3,300	4,125	2,750	2,450	2,000	2,000	2,550	2,600	2,525	2,500	2,500	2,500	2,650
Dried Fruit														
1 Almond		19,000	19,500	20,000	20,000	19,750	20,000	20,000	19,000	19,000	19,500	20,000	19,000	19,563
2 Walnut		12,000	10,500	10,500	11,750	9,750	11,000	12,000	12,000	12,000	11,000	13,000	13,000	11,542

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiyari

ANNEX K-3 Market Price (1)

Chaharmahal va Bakhtiyari Province
Average Wholesale Price (Rial/kg)

Products	Type	Year 1996												1996 average
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
Agriculture														
1 Grains														
1 Wheat	omid sorkheh		445	451	435	420		430	424			440	440	436
2 Barley	local (Mahalli) governmental		360	353	359	425		450	463			540	540	436
3 Sweet corn	corn ***		575	620	643	-		600	600			540	540	588
4 Rice	Sadri Shomali		4,900	4,900	4,700	4,700		4,350	4,300			4,200	4,200	4,531
	Champa Mahalli		2,700	2,700	2,800	3,100		2,725	2,523			3,600	4,600	3,094
	Gerde Mahalli		1,700	1,700	1,813	1,850		1,663	1,550			1,500	1,500	1,660
2 Legume														
1 Pea	local (Mahalli)		1,800	1,775	1,525	1,362		1,175	1,025			900	900	1,308
2 Bean	Navy bean		2,100	2,100	2,025	2,000		1,550	1,460			1,250	1,275	1,720
	Kidney bean		2,900	2,875	2,500	2,450		2,925	2,513			2,300	2,300	2,595
	Chiti		3,700	3,700	3,600	3,500		2,113	2,163			2,300	2,350	2,928
3 Lentil	local (Mahalli)		1,400	1,425	1,375	1,325		1,250	1,200			1,000	1,000	1,247
4 Chick pea	local (Mahalli)		1,450	1,438	1,400	1,450		1,500	1,450			1,300	1,300	1,411
3 Raisin														
1 Green			3,000	3,000	3,000	2,000		2,150	2,500			3,000	3,000	2,706
2 Sunny			1,200	1,050	1,000	1,000		950	950			1,200	1,200	1,069
4 Summer crops														
1 Potato			750	738	400	395		400	450			500	500	517
2 Onion			550	588	525	655		400	425			600	600	543
Livestock														
1 Sheep meat	with bone		12,625	11,000	10,000	10,000		10,000	10,000			10,500	10,500	10,578
2 Beef (cow)	without bone		8,000	8,000	7,925	7,925		9,000	9,000			8,000	8,000	8,231
3 Calf meat	without bone		8,500	8,500	9,250	9,750		9,000	9,000			8,000	8,000	8,750
4 Chicken			4,700	4,475	4,550	4,850		5,400	5,263			5,288	5,287	4,977
5 Egg			1,975	2,075	2,100	2,600		2,600	2,800			2,700	2,700	2,444
6 Milk			700	700	700	700		700	700			700	700	700
7 Yoghurt			688	700	700	700		700	700			700	700	699
8 Cheese			4,150	4,375	4,325	4,000		4,200	4,050			3,800	3,800	4,088
9 Butter			7,325	7,500	7,500	7,500		7,500	8,000			8,000	8,000	7,666
10 Oil			18,500	18,000	18,000	18,000		19,000	21,000			21,875	21,875	19,531
11 Wool			3,000	3,000	3,000	2,500		2,500	2,500			2,500	2,500	2,688
Dried Fruit														
1 Almond			18,000	18,000	19,000	20,250		16,250	17,000			18,000	18,000	18,063
2 Walnut			12,000	12,000	13,000	13,000		12,000	14,000			16,000	16,000	13,500

Source: Provincial Agriculture Office
CharharImahar va Bakhtiyari

ANNEX K-3 Market Price (1)

Chaharmahal va Bakhtiyari Province
Average Wholesale Price (Rial/kg)

Products	Type	Year 1997												1997 average
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
Agriculture														
1 Grains														
1 Wheat	omid sorkkeh	500	515	510	505	480	470	489	503	508	510	520	541	504
2 Barley	local (Mahalli) governmental	550	490	420	480	-	-	468	465	470	464	466	462	474
3 Sweet corn	corn ***	600	550	750	600	-	-	625	565	550	650	620	728	624
4 Rice	Sadri Shomali	4,200	4,200	4,200	4,200	4,200	4,200	4,300	4,400	4,450	5,250	5,500	5,950	4,588
	Champa Mahalli	2,600	2,400	2,400	2,600	2,600	2,600	2,663	2,675	3,000	3,450	3,500	3,650	2,845
	Gerde Mahalli	1,500	1,450	1,500	1,500	2,500	1,465	1,495	1,463	1,450	1,500	1,500	1,675	1,583
2 Legume														
1 Pea	local (Mahalli)	1,200	1,175	1,250	1,200		733	850	850	750	1,100	1,225	1,300	1,058
2 Bean	Navy bean	1,300	1,400	1,425	1,475		1,300	1,450	1,488	1,400	1,563	1,800	2,075	1,516
	Kidney bean	2,100	2,400	2,575	2,225		2,083	2,050	2,075	2,000	2,150	2,200	2,425	2,208
	Chiti	2,400	2,500	2,375	2,175		2,133	2,075	2,100	2,000	2,250	2,700	2,750	2,314
3 Lentil	local (Mahalli)	1,000	1,050	1,000	1,000		1,000	1,325	1,500	1,700	2,100	2,000	1,950	1,420
4 Chick pea	local (Mahalli)	1,400	1,400	1,400	1,400		2,133	1,825	1,600	1,700	2,125	2,200	2,450	1,785
3 Raisin														
1 Green		3,000	3,000	3,000	3,000			3,000	3,300	4,200	3,500	3,575	4,200	3,378
2 Sunny		1,500	2,000	2,000	2,025			2,000	2,125	2,500	2,500	2,500	2,500	2,165
4 Summer crops														
1 Potato		475	660	460	340	350	400	450	450	450	531	763	675	500
2 Onion		750	735	480	275	300	300	300	338	350	500	825	975	511
Livestock														
1 Sheep meat	with bone	11,500	11,000	9,800	9,000			10,400	10,400	11,000	12,000	13,000	13,000	11,110
2 Beef (cow)	without bone	8,000	8,000	8,000	8,000			8,000	8,000	8,000	10,200	9,000	9,000	8,420
3 Calf meat	without bone	8,000	8,000	8,000	8,000			8,000	8,200	8,200	11,000	9,500	9,500	8,640
4 Chicken		5,787	5,400	4,900	5,650			6,450	5,813	5,600	5,600	5,500	5,500	5,620
5 Egg		2,525	2,600	2,500	2,400			3,700	3,475	3,400	3,500	3,525	3,400	3,103
6 Milk		750	800	830	840			900	800	700	800	800	800	802
7 Yoghurt		800	850	878	885			900	900	900	900	900	900	881
8 Cheese		4,500	5,500	5,500	5,450			6,000	5,500	5,000	5,000	5,000	5,000	5,245
9 Butter		8,000	8,000	8,375	8,500			8,500	8,250	9,000	9,000	9,000	9,000	8,563
10 Oil		22,000	22,500	22,250	22,250			25,400	29,000	31,000	30,875	31,130	33,000	26,941
11 Wool		2,300	2,300	2,500	2,500			2,500	2,500	2,500	2,500	2,500	2,000	2,410
Dried Fruit														
1 Almond		18,000	21,000	22,250	22,250			19,250	20,250	21,000	22,000	22,000	23,750	21,175
2 Walnut		14,000	18,000	18,000	18,000			17,250	17,750	17,000	18,000	18,000	18,000	17,400

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiyari

ANNEX K-3 Market Price (1)

Chaharmahal va Bakhtiari Province
Average Wholesale Price (Rial/kg)

Products	Type	Year 1998											1998 average	
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.		Mar.
Agriculture														
1 Grains														
1 Wheat	omid sorkkeh	545	583	630	613	600	600	607	621	655	730		863	641
2 Barley	local (Mahalli) governmental	450	450	455	435	430	430	436	475	555	605		570	481
3 Sweet corn	corn ***	780	803	931	988	800	800	853	853	855	988		1,275	902
4 Rice														
	Sadri Shomali	7,050	7,100	7,075	7,725	7,000	6,925	7,500	7,600	8,200	8,350		8,950	7,589
	Champa Mahalli	3,875	4,075	4,525	4,900	5,350	5,000	4,900	5,150	5,475	5,525		5,475	4,932
	Gerde Mahalli	1,700	1,775	1,750	2,100	2,400	2,650	2,550	2,525	2,700	2,713		2,850	2,338
2 Legume														
1 Pea	local (Mahalli)	1,350	1,475	1,300	1,763	1,500	1,500	1,550	2,200	2,600	2,500		2,800	1,867
2 Bean	Navy bean	2,000	1,950	1,825	1,800	1,650	1,950	1,625	2,375	2,650	2,875		2,950	2,150
	Kidney bean	2,500	2,325	2,325	2,325	2,300	1,800	1,775	1,838	1,900	1,975		2,075	2,103
	Chiti	2,913	2,850	2,835	2,600	2,650	2,700	2,838	3,125	3,125	3,400		4,100	3,012
3 Lentil	local (Mahalli)	2,100	2,100	2,138	1,575	1,650	2,250	2,300	2,450	2,600	2,775		2,675	2,238
4 Chick pea	local (Mahalli)	2,500	2,475	2,500	2,575	3,450	3,400	3,250	2,725	2,400	2,400		2,750	2,766
3 Raisin														
1 Green		3,250	3,650	3,425	3,200	3,500	3,200	3,400	3,275	3,500	3,250		3,200	3,350
2 Sunny		2,250	2,900	3,000	3,000	3,000	3,000	2,900	2,150	2,150	2,300		2,200	2,623
4 Summer crops														
1 Potato		820	825	1,000	1,113	938	700	625	600	730	725		900	816
2 Onion		1,250	1,038	581	438	388	485	549	1,140	1,390	2,150		2,125	1,049
Livestock														
1 Sheep meat	with bone	13,000	12,000	11,750	11,000	12,250	12,000	12,000	13,500	13,500	13,625		15,000	12,693
2 Beef (cow)	without bone	9,000	9,000	9,000	9,500	9,500	9,000	10,000	10,000	10,000	10,750		12,000	9,795
3 Calf meat	without bone	9,500	9,500	9,500	9,500	9,500	9,500	10,000	11,000	11,000	12,500		13,000	10,409
4 Chicken		5,500	5,500	5,500	5,500	6,075	8,200	8,200	8,138	7,700	7,900		8,550	6,978
5 Egg		3,250	2,200	2,475	2,700	2,900	3,050	3,425	3,800	5,000	4,075		4,025	3,355
6 Milk		800	875	850	788	950	900	900	1,000	900	950		1,000	901
7 Yoghurt		900	975	1,075	1,063	1,063	1,000	1,000	1,050	1,050	1,000		1,000	1,016
8 Cheese		5,000	5,000	6,000	6,125	6,750	9,500	6,875	6,375	6,000	6,250		6,500	6,398
9 Butter		9,000	9,500	10,750	11,000	10,750	10,000	10,000	11,000	10,500	11,000		11,000	10,409
10 Oil		32,500	32,000	30,750	26,500	30,000	30,000	30,000	34,000	36,500	37,250		35,500	32,273
11 Wool		2,200	2,050	3,000	2,100	2,000	2,400	2,475	2,500	2,400	2,600		2,575	2,391
Dried Fruit														
1 Almond		22,500	23,000	24,250	25,000	24,500	21,000	21,000	21,375	20,000	20,000		21,000	22,148
2 Walnut		18,000	17,000	18,000	18,000	18,000	16,000	20,250	17,875	17,500	17,750		21,000	18,125

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiari

ANNEX K-3 Market Price (1)

Chaharmahal va Bakhtiari Province
Average Wholesale Price (Rial/kg)

Products	Type	Year 1999												1999 average
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
Agriculture														
1 Grains														
1 Wheat	omid sorkkeh	908	938	720	720	705	688	690	720	735	755	748	755	757
2 Barley	local (Mahalli) governmental	585	595	630	660	695	680	658	685	698	758	758	848	688
3 Sweet corn	corn ***	1,483	1,325	1,400	1,400	1,400	1,685	1,350	1,250	1,150	1,196	1,194	1,190	1,335
4 Rice														
	Sadri Shomali	9,400	10,425	11,100	11,500	11,000	10,125	10,675	10,725	10,700	10,700	9,750	10,125	10,519
	Champa Mahalli	5,450	5,650	6,275	6,700	7,400	7,300	7,300	7,275	7,050	7,200	7,000	6,225	6,735
	Gerde Mahalli	2,950	3,050	3,350	3,450	3,475	3,500	3,525	3,600	3,600	3,300	3,425	3,425	3,388
2 Legume														
1 Pea	local (Mahalli)	2,650	2,675	2,800	2,800	2,850	3,850	3,825	5,325	5,225	5,200	5,500	8,575	4,273
2 Bean	Navy bean	3,025	3,250	3,500	3,700	3,725	3,600	3,425	3,313	3,313	3,350	3,200	3,300	3,392
	Kidney bean	2,000	2,000	2,138	2,250	2,325	2,100	2,125	2,100	2,113	2,000	2,075	2,100	2,111
	Chiti	4,263	4,313	4,500	4,500	4,675	4,625	4,400	4,500	4,550	4,450	4,500	4,500	4,481
	local (Mahalli)	2,450	2,500	2,863	3,525	3,300	3,450	4,000	4,625	4,213	4,500	4,350	4,000	3,648
4 Chick pea	local (Mahalli)	3,000	3,125	3,600	3,600	3,475	3,500	3,600	3,175	3,250	3,300	3,325	3,075	3,335
3 Raisin														
1 Green		3,000	3,075	2,950	3,250	3,250	3,500	3,750	3,500	3,925	4,300	5,000	5,125	3,719
2 Sunny		2,125	2,225	2,500	2,500	2,500	2,500	2,425	2,675	2,725	2,500	2,625	3,000	2,525
4 Summer crops														
1 Potato		1,325	963	625	585	630	688	725	931	1,150	1,225	1,343	1,538	977
2 Onion		1,900	669	325	250	281	361	475	671	588	800	466	450	603
Livestock														
1 Sheep meat	with bone	15,000	15,000	15,000	16,000	16,000	16,000	16,750	16,250	17,000	17,000	17,000	18,500	16,292
2 Beef (cow)	without bone	12,000	11,000	11,000	11,000	11,000	13,000	13,000	17,000	20,000	17,000	18,000	18,500	14,375
3 Calf meat	without bone	13,000	12,000	12,000	12,000	12,000	14,000	14,000	19,000	20,000	20,000	20,000	20,500	15,708
4 Chicken		9,150	8,525	9,550	9,750	10,100	10,800	10,400	8,975	9,025	9,500	10,000	10,500	9,690
5 Egg		3,975	3,475	3,800	3,800	3,950	4,100	4,550	4,800	4,800	4,800	4,500	4,500	4,254
6 Milk		950	1,100	1,100	1,150	1,100	1,000	1,000	1,000	1,175	1,200	1,200	1,100	1,090
7 Yoghurt		1,050	1,200	1,300	1,200	1,200	1,200	1,163	1,188	1,275	1,300	1,300	1,200	1,215
8 Cheese		6,000	6,750	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	6,896
9 Butter		11,000	11,000	11,000	11,000	11,125	12,000	11,625	11,500	11,500	11,500	11,500	12,000	11,396
10 Oil		36,875	36,500	30,000	31,000	30,000	34,500	38,000	43,000	45,250	48,000	45,500	45,000	38,635
11 Wool		25,000	2,425	2,500	2,500	2,500	2,500	2,500	2,500	2,700	2,975	3,313	3,625	4,587
Dried Fruit														
1 Almond		21,000	20,000	22,000	22,000	21,250	21,500	22,000	21,250	23,250	24,000	26,750	32,000	23,083
2 Walnut		18,000	18,500	20,000	20,000	18,000	19,000	22,000	23,250	24,250	24,000	26,750	32,000	22,146

Source: Provincial Agriculture Office
Charharimahir va Bakhtiyari

ANNEX K-3 Market Price (2)

Chaharmahal va Bakhtiyari Province
Weekly Retail Price (Rial/kg)

Products	Type	January, 2000					March, 2000					April, 2000				
		1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average
Agriculture																
1 Grains																
1 Wheat	omid	1,200	1,150	1,150	1,120	1,155	1,070	1,100	1,100	1,100	1,093	850	850	850	850	850
2 Barley	local (Mahalli)	1,250	1,130	1,120	1,120	1,155	1,080	1,110	1,100	1,100	1,100	900	900	950	950	925
3 Sweet corn	corn ***	1,300	1,100	1,100	1,120	1,155	1,250	1,400	1,400	1,400	1,363	1,300	1,300	1,300	1,300	1,300
4 Rice																
	Sadri Shomali	8,900	8,700	8,700	8,700	8,750	8,800	8,800	8,800	8,800	8,800	12,000	12,000	12,000	12,000	12,000
	Champa Mahalli	6,350	6,150	6,450	6,150	6,250	6,800	6,800	6,800	6,800	6,800	6,400	6,400	6,200	6,200	6,300
	Gerde Mahalli	3,300	3,100	3,100	3,100	3,150	3,200	3,200	3,200	2,800	3,050	3,800	3,800	3,800	6,800	3,800
2 Legume																
1 Pea	local (Mahalli)	4,900	4,900	5,000	4,400	4,725	4,400	4,200	4,200	4,400	4,250	6,200	6,400	7,700	7,700	7,000
2 Bean	Navy bean	4,200	4,000	3,500	4,000	3,915	4,000	4,000	4,000	3,800	3,900	3,500	3,500	3,700	3,700	3,600
	Kidney bean	4,000	4,200	4,200	4,200	4,150	4,200	4,200	4,400	4,400	4,300	2,500	2,500	2,400	2,400	2,450
	Chiti	4,400	4,400	4,400	4,400	4,400	4,200	4,200	4,200	4,200	4,200	4,800	4,800	4,800	4,800	4,800
3 Lentil	local (Mahalli)	3,400	3,200	3,200	3,400	3,350	3,400	3,400	3,200	3,300	3,350	4,200	4,200	4,200	4,200	4,200
4 Chick pea	local (Mahalli)	3,500	3,200	3,200	3,200	3,270	3,000	3,000	2,700	2,800	2,875	3,100	3,100	3,200	3,200	3,150
3 Raisin																
1 Green		5,400	5,200	5,200	5,200	5,250	5,400	5,400	5,400	5,400	5,400	5,200	5,200	4,700	4,200	4,825
2 Sunny		4,300	3,300	3,300	3,400	3,575	3,400	3,300	3,300	3,300	3,325	3,200	3,200	2,700	2,700	2,950
4 Summer crops																
1 Potato		1,450	1,500	1,400	1,100	1,362	1,650	1,600	1,400	1,600	1,613	1,600	1,600	1,600	1,600	1,600
2 Onion		2,400	2,400	2,400	2,200	2,350	1,800	1,800	1,800	1,800	1,800	600	600	700	700	950
Livestock																
1 Sheep meat	with bone	19,500	20,000	20,000	20,000	19,875	22,000	22,000	22,000	22,000	22,000	20,000	20,000	20,000	20,000	20,000
2 Beef (cow)	without bone	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
3 Calf meat	without bone	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	21,000	21,000	21,000	21,000	21,000
4 Chicken		10,800	10,500	10,800	10,800	10,725	11,300	11,300	11,300	11,300	11,300	12,000	12,000	10,800	10,800	11,400
5 Egg		4,600	4,500	4,500	4,500	4,525	5,300	5,300	5,400	5,400	5,350	5,000	5,000	3,800	3,800	4,400
6 Milk		1,600	1,600	1,600	1,600	1,600	1,500	1,500	1,500	1,500	1,500	1,300	1,300	1,300	1,300	1,300
7 Yoghurt		1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,400	1,400	1,400	1,400	1,400
8 Cheese		12,000	12,000	12,000	12,000	12,000	10,000	11,500	11,500	11,500	11,125	7,500	7,500	7,500	7,500	7,500
9 Butter		17,500	17,500	17,500	17,500	17,500	15,000	15,000	15,000	15,000	15,000	12,500	12,500	13,000	13,000	12,750
10 Oil		52,000	50,000	48,000	48,000	49,500	55,000	55,000	50,000	50,000	52,500	47,000	47,000	47,000	47,000	47,000
11 Wool		6,500	6,500	6,500	6,500	6,500	8,000	7,000	7,000	7,000	7,250	4,200	4,200	4,600	5,200	4,550
Dried Fruit																
1 Almond		32,000	30,000	28,000	28,000	29,500	31,000	30,000	30,000	30,000	30,250	34,000	32,000	30,000	30,000	31,500
2 Walnut		45,000	47,000	46,000	43,000	45,250	39,000	38,000	40,000	40,000	39,000	34,000	34,000	34,000	34,000	34,000

Source: Provincial Agriculture Office,
Chaharmahal va Bakhtiyari

ANNEX K-3 Market Price

Chaharmahal va Bakhtiari Provin
Weekly Retail Price (Rial/kg)

Products	Type	Retail Price May, 2000					June, 2000					September, 2000				
		1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average
Agriculture																
1 Grains																
1 Wheat	omid	870	900	1,000	1,000	943	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2 Barley	local (Mahalli)	870	900	950	980	925	1,000	950	970	1,000	980	1,000	1,000	1,000	1,000	1,000
3 Sweet corn	corn ***	1,400	1,400	1,400	1,400	1,400	1,400	1,500	1,450	1,350	1,425	1,400	1,400	1,400	1,400	1,400
4 Rice																
	Sadri Shomali	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,000	11,375	9,700	9,200	9,200	9,000	9,275
	Champa Mahalli	7,500	6,500	7,000	6,800	6,950	7,000	7,000	7,000	6,700	6,925	6,700	6,700	6,700	6,800	6,725
	Gerde Mahalli	3,700	3,600	3,700	3,400	3,600	3,450	3,450	3,500	3,500	3,475	3,200	3,200	3,200	3,200	3,200
2 Legume																
1 Pea	local (Mahalli)	7,500	8,000	8,000	8,000	7,875	6,500	7,000	7,700	6,000	6,800	4,700	4,700	4,700	4,700	4,700
2 Bean	Navy bean	3,700	4,200	4,300	4,300	4,125	4,300	4,500	4,500	4,500	4,450	4,200	4,600	4,600	4,200	4,450
	Kidney bean	2,300	2,500	2,550	2,500	2,463	2,400	2,600	2,600	2,600	2,550	2,500	4,600	2,900	3,400	2,750
	Chiti	5,200	5,200	5,400	5,200	5,250	5,000	5,400	5,400	5,400	5,300	4,700	4,900	5,200	5,000	4,950
3 Lentil	local (Mahalli)	4,500	5,300	5,200	5,500	5,125	4,500	5,000	4,800	4,600	4,725	3,200	3,500	4,300	3,800	3,700
4 Chick pea	local (Mahalli)	3,100	3,100	3,200	3,200	3,150	3,200	3,600	3,700	2,700	3,550	3,600	3,500	3,700	3,500	3,575
3 Raisin																
1 Green		4,200	4,500	4,300	4,700	4,425	4,500	4,500	4,700	4,500	4,550	4,500	5,200	5,200	5,200	5,025
2 Sunny		2,700	3,700	3,300	3,300	3,250	3,500	3,500	3,500	3,300	3,450	3,500	3,700	3,700	3,400	3,575
4 Summer crops																
1 Potato		1,600	1,500	2,500	2,600	2,050	2,800	2,500	2,000	1,600	2,225	1,600	1,500	1,500	1,500	1,525
2 Onion		750	650	750	700	713	700	700	700	700	700	1,800	1,500	1,500	1,500	1,575
Livestock																
1 Sheep meat	with bone	19,000	18,000	18,000	18,000	18,725	18,000	18,000	18,000	18,000	18,000	21,000	21,000	21,000	21,000	21,000
2 Beef (cow)	without bone	19,000	19,000	19,000	19,000	19,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
3 Calf meat	without bone	21,000	21,000	21,000	21,000	21,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
4 Chicken		10,800	10,800	10,600	10,600	10,700	11,300	11,300	11,300	11,300	11,200	13,000	10,800	10,800	10,800	11,350
5 Egg		3,500	3,500	4,000	4,000	3,750	4,800	5,000	5,000	4,800	4,900	3,800	3,800	4,200	4,200	4,000
6 Milk		1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,300	1,400	1,375	1,400	1,400	1,400	1,400	1,400
7 Yoghurt		1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
8 Cheese		8,000	8,000	8,000	8,000	8,000	8,000	9,000	9,000	9,000	8,750	10,000	10,000	10,000	10,000	10,000
9 Butter		13,500	13,500	13,500	13,500	13,500	13,000	14,000	14,000	14,000	13,750	14,500	14,500	14,500	14,500	14,500
10 Oil		49,500	43,000	43,000	43,500	44,625	42,000	45,000	42,000	42,000	42,750	50,000	52,000	52,000	52,000	51,500
11 Wool		5,700	5,300	4,700	5,200	5,225	4,200	4,300	4,300	4,300	4,275	4,700	4,700	4,700	4,700	4,700
Dried Fruit																
1 Almond		29,000	29,000	29,000	29,000	29,000	30,000	30,000	30,000	30,000	30,000	24,000	29,000	29,000	28,000	27,500
2 Walnut		32,000	35,000	33,000	33,000	33,250	34,000	34,000	34,000	34,000	34,000	27,000	29,000	29,000	34,000	29,750

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiari

ANNEX K-3 Market Price

Chaharmahal va Bakhtiyari Province
Weekly Retail Price (Rial/kg)

Products	Type	Retail Price November, 2000					December, 2000					Year 2000 average
		1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	
Agriculture												
1 Grains												
1 Wheat	omid	1,100	1,000	1,100	1,200	1,100	1,100	1,080	1,100	1,100	1,095	1,030
2 Barley	local (Mahalli)	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,150	1,200	1,137	1,040
3 Sweet corn	corn ***	1,400	1,350	1,300	1,200	1,313	1,200	1,200	1,200	1,200	1,200	1,320
4 Rice												
	Sadri Shomali	9,200	8,700	8,700	8,500	8,775	8,200	8,200	8,700	8,700	8,450	9,866
	Champa Mahalli	6,700	6,500	6,700	6,700	6,650	6,400	6,400	6,200	6,200	6,300	6,613
	Gerde Mahalli	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,334
2 Legume												
1 Pea	local (Mahalli)	5,300	5,200	5,200	5,000	5,175	4,700	4,700	4,700	4,700	4,700	5,653
2 Bean	Navy bean	4,200	4,000	4,000	4,000	4,050	4,000	4,000	4,000	4,000	4,000	4,061
	Kidney bean	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,283
	Chiti	5,000	4,700	4,600	4,200	4,625	4,400	4,400	4,400	4,200	4,350	4,734
3 Lentil	local (Mahalli)	3,400	3,400	3,200	3,200	3,300	3,500	3,500	3,400	3,200	3,400	3,894
4 Chick pea	local (Mahalli)	3,700	3,200	3,200	3,200	3,325	3,200	3,200	3,200	3,300	3,225	3,265
3 Raisin												
1 Green		5,200	5,200	5,200	2,500	4,200	4,700	4,700	5,200	5,200	4,950	4,828
2 Sunny		3,400	3,200	3,200	2,700	3,125	3,300	3,700	4,200	4,200	3,850	3,388
4 Summer crops												
1 Potato		1,200	1,200	1,200	1,200	1,200	1,300	1,300	1,300	1,300	1,300	1,609
2 Onion		1,400	1,400	1,400	1,400	1,400	1,600	1,800	2,100	2,100	1,900	1,424
Livestock												
1 Sheep meat	with bone	21,000	21,000	21,000	21,000	21,000	19,500	19,500	19,500	19,500	19,500	20,013
2 Beef (cow)	without bone	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,875
3 Calf meat	without bone	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	21,750
4 Chicken		10,000	10,000	10,000	10,000	10,000	10,900	10,900	10,800	10,800	10,850	10,941
5 Egg		4,000	4,000	4,000	4,000	4,000	4,400	4,400	4,400	4,400	4,400	4,416
6 Milk		1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,422
7 Yoghurt		1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
8 Cheese		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	9,672
9 Butter		14,500	14,500	14,500	14,500	14,500	16,000	16,000	16,000	16,000	16,000	14,688
10 Oil		47,000	45,000	45,000	45,000	45,500	50,000	50,000	50,000	50,000	50,000	47,922
11 Wool		6,200	6,200	6,200	6,200	6,200	6,500	6,500	6,500	6,000	6,375	5,634
Dried Fruit												
1 Almond		28,000	28,000	28,000	28,000	28,000	28,000	28,000	29,000	30,000	28,750	29,313
2 Walnut		38,000	39,000	38,000	39,000	37,500	40,000	40,000	42,000	43,000	41,250	36,750

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiyari

Market Price

Chaharmahal va Bakhtiyari Province
Weekly Price (Rial/kg)

		Wholesale January, 2000					March, 2000					April, 2000				
Products	Type	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average
Agriculture																
1 Grains																
1 Wheat	omid	1,100	940	930	960	983	970	1,000	1,000	1,000	993	750	750	750	750	750
2 Barley	local (Mahalli)	1,200	1,020	1,020	1,020	1,070	1,030	1,050	1,030	1,030	1,035	830	830	780	780	805
3 Sweet corn	corn ***	1,200	1,000	1,000	1,020	1,055	1,050	1,200	1,200	1,200	1,163	1,200	1,200	1,200	1,225	1,206
4 Rice																
	Sadri Shomali	8,700	8,500	8,500	8,500	8,550	8,500	8,500	8,500	8,500	8,500	10,500	10,500	10,500	10,500	10,500
	Champa Mahalli	6,200	6,000	6,200	6,000	6,100	6,500	6,500	6,500	6,500	6,500	6,150	6,150	6,000	6,000	6,075
	Gerde Mahalli	3,200	3,000	3,000	3,000	3,050	3,000	3,000	2,700	2,500	2,800	3,600	3,600	3,600	3,600	3,600
2 Legume																
1 Pea	local (Mahalli)	4,700	4,300	4,800	4,200	4,515	4,000	3,800	4,000	4,000	3,950	6,000	6,500	7,500	7,500	6,875
2 Bean	Navy bean	4,000	3,800	2,300	2,800	3,725	3,800	3,800	3,600	3,600	3,700	3,300	3,300	3,500	3,500	3,400
	Kidney bean	3,800	4,000	4,000	4,000	3,950	4,000	4,100	4,200	4,200	4,125	2,100	2,100	2,100	2,100	2,100
	Chiti	4,200	4,200	4,200	4,200	4,200	4,000	4,000	4,000	4,000	4,000	4,600	4,600	4,600	4,600	4,600
3 Lentil	local (Mahalli)	3,200	3,000	3,000	3,200	3,100	3,000	3,000	3,000	3,000	3,000	4,000	4,000	4,000	4,000	4,000
4 Chick pea	local (Mahalli)	3,300	3,000	3,000	3,000	3,075	2,800	2,800	2,500	2,600	2,675	2,900	2,900	2,900	2,900	2,900
3 Raisin																
1 Green		5,200	5,000	5,000	5,000	5,050	5,000	5,000	5,000	5,000	5,000	5,000	5,000	4,500	4,000	4,625
2 Sunny		4,200	3,000	3,000	3,000	3,300	3,200	3,000	3,000	3,000	3,050	3,000	3,000	2,500	2,500	2,750
4 Summer crops																
1 Potato		1,300	1,300	1,200	800	1,150	1,375	1,400	1,400	1,400	1,419	1,450	1,450	1,400	1,400	1,425
2 Onion		2,100	2,100	2,100	1,800	2,025	1,600	1,600	1,600	1,600	1,600	480	480	600	600	540
Livestock																
1 Sheep meat	with bone	19,500	20,000	20,000	20,000	19,875	22,000	21,000	21,000	21,000	21,250	19,000	19,000	19,000	19,000	19,000
2 Beef (cow)	without bone	20,000	20,000	20,000	20,000	20,000	21,000	21,000	21,000	21,000	21,000	19,000	19,000	19,000	19,000	19,000
3 Calf meat	without bone	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	21,000	21,000	21,000	21,000	21,000
4 Chicken		10,200	10,300	10,500	10,800	10,475	11,200	11,200	10,500	10,500	10,850	11,000	11,000	11,000	10,000	10,500
5 Egg		4,400	4,200	4,200	4,200	4,250	4,800	4,500	4,600	4,600	4,625	4,500	4,000	3,400	3,400	3,825
6 Milk		1,400	1,400	1,400	1,400	1,400	1,350	1,400	1,400	1,400	1,388	1,100	1,100	1,100	1,100	1,100
7 Yoghurt		1,600	1,600	1,600	1,600	1,600	1,500	1,500	1,500	1,500	1,500	1,200	1,200	1,200	1,200	1,200
8 Cheese		10,000	10,000	10,000	10,000	10,000	8,500	10,000	10,000	10,000	9,625	7,000	7,000	7,000	7,000	7,000
9 Butter		16,000	16,000	16,000	16,000	16,000	13,500	13,000	13,000	13,000	13,125	12,000	12,000	12,500	12,500	12,250
10 Oil		50,000	45,000	42,000	42,000	44,750	50,000	50,000	45,000	45,000	47,500	45,000	45,000	45,000	45,000	45,000
11 Wool		6,000	6,000	6,000	5,500	5,875	7,000	6,000	6,000	6,000	6,250	4,000	4,000	4,500	5,000	4,375
Dried Fruit																
1 Almond		30,000	28,000	26,000	26,000	27,500	28,000	28,000	27,000	27,000	27,500	32,000	30,000	28,000	28,000	29,500
2 Walnut		43,000	45,000	45,000	40,000	43,250	36,000	34,000	38,000	38,000	36,500	32,000	32,000	32,000	32,000	32,000

Source: Provincial Agriculture Office,
Chaharmahal va Bakhtiyari

Market Price

Chaharmahal va Bakhtiyari Provin:
Weekly Price (Rial/kg)

Products		Type	Wholesale May, 2000					June, 2000					September, 2000				
			1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average
Agriculture																	
1 Grains																	
1	Wheat	omid	770	770	820	820	795	820	820	850	850	835	880	880	890	880	883
2	Barley	local (Mahalli)	770	770	770	800	778	820	820	800	820	815	880	900	900	900	895
3	Sweet corn	corn ***	1,225	1,225	1,250	1,250	1,238	1,300	1,300	1,300	1,200	1,275	1,200	1,200	1,200	1,200	1,200
4	Rice																
		Sadri Shomali	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,000	10,375	9,500	9,000	9,000	8,800	9,075
		Champa Mahalli	7,000	5,600	6,500	6,500	6,400	6,500	6,500	6,500	6,200	6,425	6,500	6,500	6,400	6,500	6,375
		Gerde Mahalli	3,500	3,500	3,600	3,250	3,463	3,350	3,350	3,350	3,250	3,325	3,000	3,000	3,000	3,000	3,000
2 Legume																	
1	Pea	local (Mahalli)	7,000	7,500	7,500	7,500	7,375	6,000	6,500	7,500	5,500	6,375	4,500	4,500	4,500	4,500	4,500
2	Bean	Navy bean	3,600	3,900	4,000	4,000	3,875	4,000	4,000	4,200	4,200	4,100	4,000	4,400	4,200	4,000	4,150
		Kidney bean	2,100	2,300	2,350	2,300	2,263	2,300	2,300	2,300	2,300	2,300	2,300	2,400	2,800	3,200	2,675
		Chiti	5,000	5,000	5,200	4,800	5,000	4,800	4,800	5,400	5,100	5,000	4,500	4,800	5,000	4,500	4,700
3	Lentil	local (Mahalli)	4,200	4,500	4,500	4,200	4,350	4,000	4,500	4,300	4,000	4,200	3,000	3,300	4,000	3,500	3,450
4	Chick pea	local (Mahalli)	2,900	2,900	3,000	3,000	2,950	3,000	3,000	3,500	3,500	3,250	3,400	3,300	3,500	3,200	3,350
3 Raisin																	
1	Green		4,000	4,200	4,000	4,500	4,175	4,000	4,000	4,500	4,200	4,175	4,000	5,000	5,000	5,000	4,750
2	Sunny		2,500	3,500	3,000	3,000	3,000	3,200	3,200	3,200	3,000	3,150	3,000	3,300	3,200	3,000	3,150
4 Summer crops																	
1	Potato		1,400	1,250	1,800	2,250	1,675	1,550	1,550	1,800	1,400	1,575	1,400	1,300	1,300	1,300	1,325
2	Onion		600	467	550	500	529	500	500	500	500	500	1,500	1,300	1,300	1,300	1,350
Livestock																	
1	Sheep meat	with bone	19,000	18,000	18,000	18,000	18,725	18,000	18,000	18,000	18,000	18,000	21,000	21,000	21,000	21,000	21,000
2	Beef (cow)	without bone	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	20,000	20,000	20,000	20,000	20,000
3	Calf meat	without bone	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	22,000	22,000	22,000	22,000	22,000
4	Chicken		10,000	10,000	10,000	10,000	10,000	10,500	10,500	10,500	10,500	10,500	12,800	10,500	10,500	10,500	11,075
5	Egg		3,000	3,000	3,500	3,500	3,250	4,000	4,500	4,500	4,500	4,350	3,900	3,600	3,800	3,800	3,700
6	Milk		1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
7	Yoghurt		1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
8	Cheese		7,500	7,500	7,500	7,500	7,500	7,500	8,000	8,000	8,000	7,875	8,500	8,500	8,500	8,500	8,500
9	Butter		12,500	12,500	12,500	12,500	12,500	12,500	13,000	13,000	13,000	12,875	13,000	13,000	13,000	13,000	13,000
10	Oil		48,000	40,000	40,000	42,000	42,500	40,000	40,000	39,000	39,000	39,750	44,000	45,000	45,000	45,000	44,750
11	Wool		5,500	5,000	4,500	5,000	5,000	4,000	4,000	4,000	4,000	4,000	4,500	4,500	4,500	4,500	4,500
Dried Fruit																	
1	Almond		27,000	27,000	27,000	27,000	27,000	27,000	27,000	28,000	28,000	27,500	22,000	27,000	27,000	26,000	25,500
2	Walnut		30,000	33,000	30,000	30,000	30,750	32,000	32,000	32,000	32,000	32,000	25,000	27,000	27,000	32,000	27,750

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiyari

Market Price

Chaharmahal va Bakhtiyari Provin
Weekly Price (Rial/kg)

Products	Type	Wholesale November, 2000					December, 2000					Year 2000 average
		1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	
Agriculture												
1 Grains												
1 Wheat	omid	920	900	920	930	918	920	920	930	930	925	885
2 Barley	local (Mahalli)	900	900	900	920	905	920	930	950	1,020	955	907
3 Sweet corn	corn ***	1,200	1,150	1,100	1,000	1,113	1,000	1,000	1,000	1,000	1,000	1,156
4 Rice												
	Sadri Shomali	9,000	8,500	8,500	8,300	8,575	8,000	8,000	8,500	8,500	8,250	9,291
	Champa Mahalli	6,500	6,200	6,200	6,200	6,275	6,200	6,200	6,000	6,000	6,100	6,281
	Gerde Mahalli	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,155
2 Legume												
1 Pea	local (Mahalli)	5,100	5,000	5,000	4,800	4,975	4,500	4,500	4,500	4,500	4,500	5,383
2 Bean	Navy bean	4,000	3,500	3,800	3,700	2,825	3,800	3,800	3,800	3,800	3,800	3,697
	Kidney bean	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,077
	Chiti	4,800	4,500	4,400	4,000	4,425	4,200	4,200	4,200	4,200	4,200	4,516
3 Lentil	local (Mahalli)	3,200	3,200	3,000	3,000	3,100	3,300	3,300	3,200	3,000	3,200	3,550
4 Chick pea	local (Mahalli)	3,500	3,000	3,000	3,000	3,125	2,900	2,900	3,000	3,000	2,950	3,034
3 Raisin												
1 Green		5,000	5,000	5,000	5,000	5,000	4,500	4,500	5,000	5,000	4,750	4,691
2 Sunny		3,200	3,000	3,000	2,500	2,925	3,000	3,500	4,000	4,000	3,625	3,119
4 Summer crops												
1 Potato		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,321
2 Onion		1,200	1,200	1,200	1,200	1,200	1,400	1,600	1,900	1,900	1,700	1,181
Livestock												
1 Sheep meat	with bone	21,000	21,000	21,000	21,000	21,000	19,500	19,500	19,500	19,500	19,500	19,794
2 Beef (cow)	without bone	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,750
3 Calf meat	without bone	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	21,375
4 Chicken		9,800	9,800	9,800	9,800	9,800	10,700	10,000	10,000	10,000	10,175	10,422
5 Egg		3,800	3,800	3,800	3,800	3,800	4,000	4,000	4,000	4,000	4,000	3,975
6 Milk		1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,236
7 Yoghurt		1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,413
8 Cheese		8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,438
9 Butter		13,000	13,000	13,000	13,000	13,000	14,500	14,500	14,500	14,500	14,500	13,406
10 Oil		45,000	40,000	40,000	40,000	41,250	45,000	45,000	45,000	45,000	45,000	43,813
11 Wool		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	5,000	5,750	5,219
Dried Fruit												
1 Almond		26,000	26,000	26,000	26,000	26,000	26,000	26,000	27,000	28,000	26,750	27,156
2 Walnut		36,000	38,000	36,000	38,000	37,000	38,000	38,000	40,000	42,000	39,500	34,844

Source: Provincial Agriculture Office
Chaharmahal va Bakhtiyari

Market Price

Chaharmahal va Bakhtiyari Province

Weekly Price (Rial/kg)

Products	Type	Increment of retail against wholesale (%)					March, 2000					April, 2000				
		January, 2000														
		1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average
Agriculture																
1 Grains																
1 Wheat	omid	109	122	124	117	117	110	110	110	110	110	113	113	113	113	113
2 Barley	local (Mahalli)	104	111	110	110	108	105	106	107	107	106	108	108	122	122	115
3 Sweet corn	corn ***	108	110	110	110	109	119	117	117	117	117	108	108	108	106	108
4 Rice																
	Sadri Shomali	102	102	102	102	102	104	104	104	104	104	114	114	114	114	114
	Champa Mahalli	102	103	104	103	102	105	105	105	105	105	104	104	103	103	104
	Gerde Mahalli	103	103	103	103	103	107	107	119	112	109	106	106	106	189	106
2 Legume																
1 Pea	local (Mahalli)	104	114	104	105	105	110	111	105	110	108	103	98	103	103	102
2 Bean																
	Navy bean	105	105	152	143	105	105	105	111	106	105	106	106	106	106	106
	Kidney bean	105	105	105	105	105	105	102	105	105	104	119	119	114	114	117
	Chiti	105	105	105	105	105	105	105	105	105	105	104	104	104	104	104
3 Lentil	local (Mahalli)	106	107	107	106	108	113	113	107	110	112	105	105	105	105	105
4 Chick pea	local (Mahalli)	106	107	107	107	106	107	107	108	108	107	107	107	110	110	109
3 Raisin																
1 Green		104	104	104	104	104	108	108	108	108	108	104	104	104	105	104
2 Sunny		102	110	110	113	108	106	110	110	110	109	107	107	108	108	107
4 Summer crops																
1 Potato		112	115	117	138	118	120	114	100	114	114	110	110	114	114	112
2 Onion		114	114	114	122	116	113	113	113	113	113	125	125	117	117	176
Livestock																
1 Sheep meat	with bone	100	100	100	100	100	100	105	105	105	104	105	105	105	105	105
2 Beef (cow)	without bone	100	100	100	100	100	95	95	95	95	95	105	105	105	105	105
3 Calf meat	without bone	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 Chicken		106	102	103	100	102	101	101	108	108	104	109	109	98	108	109
5 Egg		105	107	107	107	106	110	118	117	117	116	111	125	112	112	115
6 Milk		114	114	114	114	114	111	107	107	107	108	118	118	118	118	118
7 Yoghurt		106	106	106	106	106	113	113	113	113	113	117	117	117	117	117
8 Cheese		120	120	120	120	120	118	115	115	115	116	107	107	107	107	107
9 Butter		109	109	109	109	109	111	115	115	115	114	104	104	104	104	104
10 Oil		104	111	114	114	111	110	110	111	111	111	104	104	104	104	104
11 Wool		108	108	108	118	111	114	117	117	117	116	105	105	102	104	104
Dried Fruit																
1 Almond		107	107	108	108	107	111	107	111	111	110	106	107	107	107	107
2 Walnut		105	104	102	108	105	108	112	105	105	107	106	106	106	106	106

Note: Calculation from retail and wholesale prices obtained from Provincial Agriculture Office, Chaharmahal va Bakhtiyari

Market Price

Chaharmahal va Bakhtiari Province

Weekly Price (Rial/kg)

Products	Type	Increment of retail against wholesale (%)					June, 2000					September, 2000				
		May, 2000														
		1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average
Agriculture																
1 Grains																
1 Wheat	omid	113	117	122	122	119	122	122	118	118	120	114	114	112	114	113
2 Barley	local (Mahalli)	113	117	123	123	119	122	116	121	122	120	114	111	111	111	112
3 Sweet corn	corn ***	114	114	112	112	113	108	115	112	113	112	117	117	117	117	117
4 Rice																
	Sadri Shomali	110	110	110	110	110	110	110	110	110	110	102	102	102	102	102
	Champa Mahalli	107	116	108	105	109	108	108	108	108	108	103	103	105	105	105
	Gerde Mahalli	106	103	103	105	104	103	103	104	108	105	107	107	107	107	107
2 Legume																
1 Pea	local (Mahalli)	107	107	107	107	107	108	108	103	109	107	104	104	104	104	104
2 Bean	Navy bean	103	108	108	108	106	108	113	107	107	109	105	105	110	105	107
	Kidney bean	110	109	109	109	109	104	113	113	113	111	109	192	104	106	103
	Chiti	104	104	104	108	105	104	113	100	106	106	104	102	104	111	105
3 Lentil	local (Mahalli)	107	118	116	131	118	113	111	112	115	113	107	106	108	109	107
4 Chick pea	local (Mahalli)	107	107	107	107	107	107	120	106	77	109	106	106	106	109	107
3 Raisin																
1 Green		105	107	108	104	106	113	113	104	107	109	113	104	104	104	106
2 Sunny		108	106	110	110	108	109	109	109	110	110	117	112	116	113	113
4 Summer crops																
1 Potato		114	120	139	116	122	181	161	111	114	141	114	115	115	115	115
2 Onion		125	139	136	140	135	140	140	140	140	140	120	115	115	115	117
Livestock																
1 Sheep meat	with bone	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2 Beef (cow)	without bone	100	100	100	100	100	105	105	105	105	105	100	100	100	100	100
3 Calf meat	without bone	105	105	105	105	105	110	110	110	110	110	100	100	100	100	100
4 Chicken		108	108	106	106	107	108	108	108	108	107	102	103	103	103	102
5 Egg		117	117	114	114	115	120	111	111	107	113	97	106	111	111	108
6 Milk		117	117	117	117	117	117	117	108	117	115	117	117	117	117	117
7 Yoghurt		114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
8 Cheese		107	107	107	107	107	107	113	113	113	111	118	118	118	118	118
9 Butter		108	108	108	108	108	104	108	108	108	107	112	112	112	112	112
10 Oil		103	108	108	104	105	105	113	108	108	108	114	116	116	116	115
11 Wool		104	106	104	104	105	105	108	108	108	107	104	104	104	104	104
Dried Fruit																
1 Almond		107	107	107	107	107	111	111	107	107	109	109	107	107	108	108
2 Walnut		107	106	110	110	108	106	106	106	106	106	108	107	107	106	107

Note: Calculation from retail :

Market Price

Chaharmahal va Bakhtiari Province

Weekly Price (Rial/kg)

Products		Type	Increment of retail against wholesale (%)					December, 2000					Year 2000
			November, 2000										average
			1st week	2nd week	3rd week	4th week	average	1st week	2nd week	3rd week	4th week	average	
Agriculture													
1 Grains													
1	Wheat	omid	120	111	120	129	120	120	117	118	118	118	116
2	Barley	local (Mahalli)	122	122	122	120	122	120	118	121	118	119	115
3	Sweet corn	corn ***	117	117	118	120	118	120	120	120	120	120	114
4	Rice												
		Sadri Shomali	102	102	102	102	102	103	103	102	102	102	106
		Champa Mahalli	103	105	108	108	106	103	103	103	103	103	105
		Gerde Mahalli	107	107	107	107	107	107	107	107	107	107	106
2 Legume													
1	Pea	local (Mahalli)	104	104	104	104	104	104	104	104	104	104	105
2	Bean	Navy bean	105	114	105	108	143	105	105	105	105	105	110
		Kidney bean	106	106	106	106	106	106	106	106	106	106	107
		Chiti	104	104	105	105	105	105	105	105	100	104	105
3	Lentil	local (Mahalli)	106	106	107	107	106	106	106	106	107	106	110
4	Chick pea	local (Mahalli)	106	107	107	107	106	110	110	107	110	109	108
3 Raisin													
1	Green		104	104	104	50	84	104	104	104	104	104	103
2	Sunny		106	107	107	108	107	110	106	105	105	106	109
4 Summer crops													
1	Potato		120	120	120	120	120	130	130	130	130	130	122
2	Onion		117	117	117	117	117	114	113	111	111	112	121
Livestock													
1	Sheep meat	with bone	100	100	100	100	100	100	100	100	100	100	101
2	Beef (cow)	without bone	100	100	100	100	100	100	100	100	100	100	101
3	Calf meat	without bone	100	100	100	100	100	100	100	100	100	100	102
4	Chicken		102	102	102	102	102	102	109	108	108	107	105
5	Egg		105	105	105	105	105	110	110	110	110	110	111
6	Milk		117	117	117	117	117	117	117	117	117	117	115
7	Yoghurt		114	114	114	114	114	114	114	114	114	114	113
8	Cheese		118	118	118	118	118	118	118	118	118	118	115
9	Butter		112	112	112	112	112	110	110	110	110	110	110
10	Oil		104	113	113	113	110	111	111	111	111	111	109
11	Wool		103	103	103	103	103	108	108	108	120	111	108
Dried Fruit													
1	Almond		108	103	108	108	108	108	108	107	107	107	108
2	Walnut		106	103	106	103	101	105	105	105	102	104	105

Note: Calculation from retail :

ANNEX K-4 Surveyed Market Price

Market Price surveyed by This Study Team

		Tang Sorkh Retail shop	Yasuj Retail shop	Tehran Tajrish retail market	Tehran Qezel Qaleh retail market	Tehran Qezel Qaleh Supermarket	Tehran MedidaneJihad whole sale	Tehran Sabzeh Meydan whole sale
Date		2 May, 2001	2 May, 2001	3 June, 2001	3 June, 2001	3 June, 2001	3 June, 2001	3 June, 2001
I. Crops								
barley								
wheat powder	R/kg	1,000		1,000-6,000	1,000-6,000			
white rice (local)	R/kg	3,300	4,500-8,000	6,500-11,000	4,500-8,200	6,650-10,100		
white rice (Thai)	R/kg		3,000-4,500					
white rice (flower)	R/kg			5,000				
white rice (broken)	R/kg				3,200	3,200		
II. Vegetables								
bean	R/kg	6,000			3,200-6,500			
bean (green)	R/kg		1,500	3,000	1,400		1,600	
bitter gourd	R/kg		1,500	2,000	600		400	
cabbage	R/kg		2,500	2,900	800		300-400	
carrot	R/kg		1,500	1,800	800	2,000	700	
corn (with cob, fresh)	R/kg				1,600			
cucumber	R/kg	2,000	2,000	3,000-4,000	1,400		1,300-2,000	
eggplant	R/kg		1,500	3,000	700		400-800	
garlic	R/kg		4,000	5,000-6,000	1,200		3,000	
herb	R/bundle(small)		500	15,000-30,000				
lettuce	R/kg			2,500	700		400	
mushroom	R/kg		20,000	14,000	20,000			
onion	R/kg		3,500	1,500	1,050	2,700	700-1,000	
pea	R/kg				5,000-5,500			
pea (green)	R/kg		3,000	3,500	2,200		1,600	
pepper	R/kg		3,000					
pepper (green)	R/kg			15,000				
pepper (powder)	R/kg		12,000					
potato	R/kg		1,500	1,700-2,000	850	2,100		
potato (local special)	R/kg				6,000			
radish (small, red)	R/4pcs		500					
spring onion	R/7pcs		500					

Market Price surveyed by This Study Team

		Tang Sorkh Retail shop	Yasuj Retail shop	Tehran Tajrish retail market	Tehran Gezel Qaleh retail market	Tehran Gezel Qaleh Supermarket	Tehran MedidaneJihad whole sale	Tehran Sabzeh Meydan whole sale
sweet pepper	R/kg		2,500		1,200		1,300	
tomato	R/kg	2,000	1,500		950		600-1,000	
tomato (green)	R/kg		7,000					
vegetable (mixed)	R/kg				800			
III. Fruits								
Almond	R/kg		8,000					
apricot	R/kg			10,000	3,500-3,600		4,000	
apple	R/kg	3,000	3,500	5,000-13,000	2,400-2,500			
banana	R/kg			9,000		11,000	600	
blueberry	R/kg		14,000					
cherry	R/kg			5,000-10,000			4,000	
date	R/kg		8,000	4,000-6,000	2,800-4,900			
fig	R/kg			22,000				
grape	R/kg		8,000	5,000-9,000				
grape fruit	R/kg			4,000				
kiwi	R/kg		6,000					
lemon	R/kg			3,000	1,400		1,500	
mango	R/kg			14,000				
orange	R/kg		3,000-4,000					
peach	R/kg		14,000	9,000	2,300			
prune	R/kg			8,000	3,400		3,500	
pistachio	R/kg	30,000	30,000-50,000	25,000-48,000	28,500-35,500			
strawberry	R/kg			7,000	3,000			
sweet lemon	R/kg			4,500				
walnut	R/kg	12,000	12,000					
water melon	R/kg		1,500	1,800	550-700			
IV. Livestock								
beef (with bone)	R/kg			22,000	25,000			
beef (without bone)	R/kg			27,000	28,000-29,000			
beef (mince)	R/kg				23,000			
beef (mix)	R/kg				21,500			
butter	R/100g-250g			22,000-54,000				

Market Price surveyed by This Study Team

		Tang Sorkh Retail shop	Yasuj Retail shop	Tehran Tajrish retail market	Tehran Qezel Qaleh retail market	Tehran Qezel Qaleh Supermarket	Tehran MedidaneJihad whole sale	Tehran Sabzeh Meydan whole sale
camel meat	R/kg				23,500			
cheese	R/0.5kg			14,000				
chicken meat	R/kg		9,800-10,000	9,300-12,000	8,300			
cream	R/100cc-250cc			1,800-3,500				
egg	R/30pc	3,000/kg	3,000-3,900/kg	8,000	6,000(3,750/kg)			
heart	R/kg			5,000-6,000				
kidney	R/kg			2,500				
goat meat	R/kg		22,000	x	x			
lever	R/kg			10,000-15,000				
milk	R/lit			3,100				
mix(kidney.heart.lever)	R/kg			30,000				
sheep meat	R/kg		22,000	20,000-25,000	31,000			
sheep meat (mix)	R/kg				22,500			
yogurt	R/kg		1,500-2,000	4,000				
V. Fish								
fish (inland)	R/kg		20,000	15,000-22,000	13,000			12,000
fish (sea)	R/kg			3,750-7,500				
fish (sea)	R/kg			17,000-28,000				8,500-15,000
fly (1g)	R/fly		200					
fly (2 g)	R/fly		250					
fly (3 g)	R/fly		300					
fly (3.5 g)	R/fly		350					
shark	R/kg			30,000				
shrimp	R/kg			120,000	180,-190,000			95,000
small fish (packed)	R/kg				2,300			
VI. Seed								
seed (cucumber)	R/kg		14,000					
seed (green bean)	R/kg		5,000					
seed (pomegranate)	R/kg		4,000					
seed (sunflower)	R/kg		9,000					
seed (vegetable)	R/kg		4,000-6,000					
seed (water melon)	R/kg		25,000					

Market Price surveyed by This Study Team

		Tang Sorkh Retail shop	Yasuj Retail shop	Tehran Tajrish retail market	Tehran Qezel Qaleh retail market	Tehran Qezel Qaleh Supermarket	Tehran MedidaneJihad whole sale	Tehran Sabzeh Meydan whole sale
VII. others								
bread	R/5pc		10,000			13,000		
bread (with sugar)	R/2pc		2,000					
carpet (silk)	R/m2		550-10,000,000					
carpet (wool)	R/m2		200,000					
dried apricot	R/kg			12,000				
dried herb	R/kg			20,000				
dried lemon	R/kg		25,000	28,000				
dried pickle	R/kg		10,000-30,000					
dried prune	R/kg			12,000				
egg tray	R/tray	100						
honey	R/0.5kg			19,000	10,000-36,000			
nan (local)	R/6pc		20,000					
nomad hat	R/pc		30,000					
pickle	R/kg			5,000	15,000-18,00			
raisin	R/kg			8,000-12,000				
sugar (cube)	R/kg		6,000			3,660		
sugar	R/kg					3,300		
tea (local)	R/kg		24,000					
tea (Sri Lanka)	R/kg		40,000					
tobacco (dried)	R/kg		8,000					
zeresh				16,000				

Note:

(1) Tajrish retail shops buy from Meydane Jihad whole sale and SabzehMeydan whole sale.

(2) Qezel Qaleh market consist of cooperative producers cum retailers. Prices are determined by Municipal.

(3) Sabzeh Meydan whole salers buy from warehouses controlled by Government.

Their prices are determined by Government. Retailer price is 1,000R/kg higher than whole sale price.

Source:

This Study Team

ANNEX K-5 Site Survey, Provincial Offices (1)

I. Charharmahal-va-Bkhtiyari Province (Shahr-e-kord)

1 Jihad

1 Number of Staff:	-
1 Male	-
2 Female	-

2 Water Management Office, Jihad

1 Organization	Number of Staff:	20
1 Manager		1
Deputy		1
2 Section		
1 Study & Survey		7
2 Evaluation Section		4
3 Implementation Section		4
4 Planing & Programming		2
5 Dams & Basins		1

3 Township Jihad

Number of District:

3 Rural Industry Office

1 Activities

1 Carpet & Handicraft

- 1 Establishing cooperative
- 2 Supply equipment & raw materials
- 3 Support for loan
- 4 ID card issuance.
- 5 Marketing support for survey bazar requirement, export
- 6 Study of another handicraft, precise painting

2 Rural Industry

- 1 Construction of infrastructure (road, electricity, water)
- 2 ID card issuance
- 3 Support for loan
- 4 Support for shop repairing
- 5 Training for O&M

2 Organization	Number of Staff:	10
----------------	------------------	----

1 Manager		1
2 Sub-manager		-
3 Section		
1 Rural Industry & Utilization		5
2 Carpet & Handicraft		4

3 Cooperatives for carpet

1 Seven cooperatives & one company

- 1 40,000 wieve machine, 76,000member under this office
- 2 another undr health office, committee, private sector

4 Production of carpet

- 1 Iran: estimation: 160day working, 5 hours/day,
2.5 million person, 8.0 million person related works
4 m2/person/year, each weave/8m2/year

2 Province: 80,000 m2/year by 7 cooperatives

3 Buying and selling

- 1 Office conducts only technical support
- 2 Selling by themselves
- 3 Export system: 7 cooperatives-one company each province
- main company in Tehran - Export

4 Quality:

- 1 color (plant color or chemical color)
- 2 Design
- 3 Dencity (Knot)

Note: Carpet of China, Nepal and Pakistan is colored by chemical.

- 5 Inspector (Specialist):
 - 1 for design, color and classification
 - 2 There are committee of design of carpet.
- 4 Livestock Office
 - 1 Cooperative establishment: any not yet established.
 - 2 Project, Plan
 - 1 Five year plan; Industrial cow for meat and milk
 - 2 Improve insemination
 - 3 Decrease local cow, increase semi-local
 - 4 Change the live animal from sheep to cow (and buffalo)
 - 3 Problem
 - 1 Budget, education, extension
 - 2 Feed production (water, land)
 - 4 Chicken Farm
 - 1 108 chicken farm, total 2012,500 kg/15days
 - 2 8 farm for egg and chick-raising, 242,000 chicken keeping
 - 5 Farming system of cow, sheep
 - 1 Industrial, traditional, villager, nomad
 - 2 Survey of industrial
 - 1 Sheep: from 4kg; 6-7 months weight 32-25kg local, 40kg industry.
 - 2 Goat: from 2.5kg; 6-7months, weight 27-30kg
 - 3 Cow: 69-days 200kg up to 1-1.5 years, 400-450kg
 - 3 Feed
 - 1 young: 6kg/day--35-40% compound and 60-65% grass
 - 2 Grown: 8-9kg/day--60-65% compound and 35-40% grass
 - 4 Variety:
 - 1 Meat cow: Holstain, Traditional cow
 - 2 Milk cow: Hostain, local
 - 3 Sheep: Baftery, Torkish, Local; Natural insemination
 - 5 Artificial insemination
 - 1 started 30 years ago, mainly 15 years ago
 - 2 Training: 45 days, 4-5 persons/time at Jihad or University of Tehran
 - 3 ID card issued
 - 4 45 persons in Province
 - 6 Milk Production

Variety	Holstain	Semi-local	Local
2 Weight (kg)	550	470	250
3 production(lit/day)	18	12-16	4-5
4 Duration (d/year)	300	250-270	210-230
 - 7 Slaughter House & others
 - 1 16-19 slaughter house in Province
 - 2 municipal veterinary - 15 traditional house in Province
 - 3 Near slaughter house: Shahr-e-kord, Gandoman for each 2,000 head/hour
 - 4 One milk factory by government
 - 5 One cheese factory is active, 4 factories are not active.
 - 8 Bee-Keeping
 - 1 Number of box: 46,413 in Province; Production 368,891kg/year (2000 year)
 - 2 Production is decreasing about 30%.
 - 3 There are training course from education & extension department
 - 4 Good queens are supplied from other provinces.
- 5 Agricultural Office
 - 1 Agriculture development
 - 1 Scale up of larger village from small village for wheat.
 - 2 Land reform and establish cooperative
 - 1 Four cooperatives are under going.
 - 2 Eleven cooperatives are finished. (change 2 ha land to 5 ha land)
 - 3 Helped by Soil & Water Conservation Department.
 - 4 produce: wheat, barley, bean, pea, rice.
 - 3 Change to irrigated land by pumping with subsidy.
 - 4 Transfer technical knowledge and training.

- 5 Established production club (group)
 - 1 Three clubs (15-24 years old daughters) for agricultural activity
 - 2 One woman club for supply seed, fertilizer, loan chemical helped by FAO
 - 3 Member pay 100,000R/person. 50-60 member/club
 - 4 Daughter club in Yasuj, Gatehsalan and Dehdash
 - Woman club in Si Sakht
 - use lental land.
- 6 Change to garden on slope area.
- 7 Promote productive cooperation among farmers.
 - 1 This province produces wheat for self consumption.
 - 2 Growth rate is 2.1 - 2.5%. Now around 2%. 6 persons per H.H.
- 8 15 cooperatives in Province.
- 9 Marketing activities are not conducted by this office.
- 10 Extension:
 - 1 Staff number: 15-20
 - 2 Agricultural centers conduct. 15 agricultural centers in Province.
 - 3 Each center has 5-6 staff, and each one staff for extension.
- 2 Organization
 - 1 Three buildings; Staff number: 400
 - 2 Administration
 - 1 Central in Yasuj, staff number around: 100
 - 2 Three Agricultural management offices in Province
 - Dehdash (7 centers), staff 80
 - Gachsaran (3 centers), staff 80
 - Yasuj (5 centers), staff 80
 - 1 Si Sakht
 - 2 Chi Tak
 - 3 Bata ba
 - 4 Ludap
 - 5 Dashto Run
 - 3 Extension
 - 1 Farmer training:
 - 1 one class has 20-25 farmers, one hour per day.
 - 2 monthly 5-10 classes or workshops
 - 3 Three agricultural management offices have 1-2 teachers.
 - 2 Staff training:
 - 1 Pre-service education & in service education
10-20 hours per year. 1-3 courses in Dehdash
 - 2 Study of agriculture bachilar degree in Gachsaran
 - 3 Trainer:
 - 1 Five township; each 30-70 staff
 - 2 Eighteen rural district center: 7-10 staff
 - 4 Farming style & scale
 - 1 150,000ha (24,000 ha garden, 76,000 ha irrigated, 150,000 non-irrigated)
 - 2 Main crops: Wheat (local variety), Barley, Alfalfa, Crove, Corn, Bean, Pea
 - 3 Rice: 4,000ha (Loadegan 3,500ha, Ardel 500ha)
 - 4 Input: Fertilizer, Chemical(one company under agri office), Seed
 - 5 One sugar factory supply whole input with contract farming.
 - 6 Horticulture seedling : Almond(domestic), walnut(imported),
grape(domestic), apple(imported)
 - 7 Irrigated land: sugar beat, alfalfa
 - 5 Credit: Agri bank, National bank, Export bank, Mellat bank
 - 1 around 300 plan/year request (around 3,000ha)
 - 2 budget: 15 billion Rial/year
 - 3 Money is kept at those banks on agricultural office account.
 - 4 Loan used: horticulture (65%), infrastructure (35%)
 - 5 Loan used for chainging diesel to electric motor
- 6 Fishery Organization
 - 1 Existing: 43 firms
 - 49 firms ID card issuance for bank loan

- 35 firms contacted bank.
25 person newly request.
- 2 Bank loan: Max. 22 million rial/t for construction and one year O&M
(8.5 million for O&M cost and 8.5 million for construction)
- 3 Price of fish (Rial/kg) (weight: 250-300g/fish)
- | | Farm gate | Whole sale | Retail |
|-------------|-----------|------------|-----------|
| Average: | 13,000 | 17,000 | 20,000 |
| Winter ave: | 16-17,000 | 18-19,000 | 20-21,000 |
| Summer av | 10-11,000 | 13,000 | 15-16,000 |
| 2-year ago: | 6,000 | 8,000 | 10-11,000 |
- 4 Variety: rainbow trout; 40-50g fry grow up 250-300g after 7 months.
- 5 Market place:
- 1 Whole saler: Tehran, Esfahan
 - 2 Mainly Tehran--85%, some Esfahan
 - 3 Traders conduct distribution.
- 6 Cooking style: mainly oil fry from fresh
- 7 River and lake fisherman:
- 1 Lake: 300t traditional catching in Province
 - 1 Gandoman, Chogahol and Ben lakes
 - 2 Gandoman and Ben are drying.
 - 2 River: 382 ton/year
 - 3 Variety Rainbow trout, Cyrinus, Ctenopharyngodon idella, Oncorhynchus mykiss
 - 4 Training for fisherman:
 - 1 General course: one week
 - 2 Special course: depending on situation, sometimes trainer comes from Tehran.
- 8 Organization of Fishery
- | | |
|------------------------------------|---|
| 1 Manager | 1 |
| 2 Deputy | 1 |
| 3 Protection Department | 5 |
| 4 Financial Department | 1 |
| 5 Official Department | 5 |
| 6 Education & extension Department | 3 |
| 7 Health & Consumption section | 3 |
| 8 Breeding section | 1 |
| 9 Fishery Engineering | 2 |
- Some persons conduct works of two sections.
- 7 One branch with one staff for collecting the request from fisherman.
- 9 Feed company: one in Shahr-e-kord (private)
- 10 Inspection: one time per 3 months by veterinary and fishery 2 persons
- 11 BC ratio: more than 20t/year capacity are successful.
- 12 Future: want to try shrimp and different variety fish.
ID card issuance may be finished in 2-3 years for water shortage.
- 7 Forestry & Rangeland Organization
- 1 Policy
- 1 Control number of capacity of livestock
 - 2 Comprehensive plan of natural resources
 - 3 Land definition between private and government
 - 4 Greenary plan and program
 - 5 Keep target of protection, authorization, development of forestry and range land.
 - 6 Pasture development
 - 1 nomad range land
 - 2 village range land
 - 3 seed production (Afgnena station, 2 species, 100ha)
40ha for almond and 60 ha for grass
- 2 Measurement:
- 1 dry weight: 86kg/ha is on range land.
 - 2 one sheep/2.5ha is necessary.
 - 3 grazing period: 100 day/year in summer time in Province
 - 4 cow is 5 animal unit and 7 for camel.
- 3 Protection of overgrazing

- 1 control to issue ID card for keeper.
- 2 cycling system adopted.
- 3 need to balance of the above in future.

4 Conservation area in Province:

- 1 Forest: 307,000 ha
- 2 Range land: 1,093,000 ha
- 3 Rock:
- 4 Farm land:
- 5 City, House, etc.:
- 6 Province 1,653,300 ha

ANNEX K-5 Site Survey, Provincial Offices (2)

II. Esfahan Province (Esfahan)

1 Jihad

1 Number of Staff:	700
1 Male	600
2 Female	100

2 Water Management Office, Jihad

1 Organization	Number of Staff:	33
1 Manager		1
2 Section		
1 Study & Survey		15
1 Survey		2
2 Study		13
2 Evaluation Section		6
1 Flood		1
2 Errosion		1
3 Land Use		1
4 Land Slide		1
5 Catchment Protection		1
6 GIS		1
3 Implementation Section		9

3 Rural Induatry Office

1 Activities

1 Handicraft

- 1 for small industry and handicraft
- 2 Cooperative promotion for carpet making
- 3 Support cooperative to export carpet by private, central, twonship
- 4 Support to supply material, loan(Bank of Agri, Merrat) and buying.
- 5 Joint inspector Jihand and cooperative to buy carpet.
- 6 Train manager of cooperative by Twonship Jihad.
- four times/year through 4 years./financial, cooperate, making carpet.
- 7 Check health of people cooperating with Ministry of Health.

2 Rural Industry in Semiron

- 1 Apple is famous.
- 2 Train farmer how to make boxes of apple. 8 centers make boxes.
- 3 Two sand company
- 4 One repair shop.
- 5 Two company of wool buying & selling companies.
- 6 Thirty-three(33) ID card are issued.

2 Organization

	Number of Staff:	
1 Manager		1
2 Sub-manager		-
3 Section		
1 Rural Induatry		20
2 Rural Road		-
3 Health Engineering		-
4 Rural Electricity		-

4 Semirom Twonship Jihad

1 Organization

	Number of Staff:	55
1 Manager		
2 Section		
1 General Office		3
2 Support/Machinery		5

3 Construction(Rural Development)/Rural Indust	25
4 Extension & Participation	4
5 Watershed	3
6 Livestock	7
7 Financial & Official Affair	3
8 Protection (incl. Guard)	4
9 Cooperation	5
10 Service	2

Note: Handicraft staff: 1-2 staff in Township, 1 staff in Semirom

2 District Center Jihad

1 Mehegel	Number of Staff:	5
2 Bide	Number of Staff:	5

3 Activities of Rural Development

- 1 Snow remove.
- 2 Road construction.
- 3 Water supply.
- 4 Watershed management activities

5 Livestock Office

1 Ashoel Percian Organization

- 1 Support nomadic people.

2 Organization

- 1 Tehran
- 2 Almost all provinces
- 3 Township
- 4 District

1 Semiron	Number of Staff:	8
-----------	------------------	---

3 Activities

- 1 Give information
- 2 Buying livestock
- 3 Security provision
- 4 Support to supply water and food
- 5 Construct houses.

6 Slaughter House in Semiron & Shahreza

- 1 Semiron: One for sheep & cow: 50 head/day(sheep), 5 head/day(cow)

- 2 Shahreza: One for chicken: One

1,500kg chicken are sent to Semiron per day. (1 – 2 kg/chicken)

ANNEX K-5 Site Survey, Provincial Offices (3)

III. Kohgiluyeh-va-Boyerahmad Province (Yasuj)

1 Jihad

1 Number of Staff:	-
1 Male	-
2 Female	-

2 Water Management Office, Jihad

1 Organization	Number of Staff:	14
1 Manager		1
1 Design & Programming		1
2 Section		
1 Study & Survey		4
2 Evaluation Section		2
3 Implementation Section		6
3 Township Jihad	Number of District:	
1 Boyirahmad (Yasuj)		11
2 Gachosarah (Gachosaran)		7
3 Kohkileueh (Dehdasht)		9

3 Rural Industry Office

1 Activities

1 Handicraft

- 1 Each twonship has cooperative.
- 2 Conduct education and plan making.
- 3 Support to improve traditional to new handicraft.
- 4 ID card issuance.

2 Organization	Number of Staff:	6
1 Manager		1
2 Sub-manager		-
3 Section		
1 Industry of Plan & Utilization		3
2 Carpet & Rural Industry		2

3 Kinds of Industry

- 1 Food industry
- 2 Silk & cloth industry
- 3 Underground material industry

4 Livestock Office

1 Organization	Number of Staff:	23
1 Manager		1
2 Deputy		1
3 Section		
1 Chief of below item 1 - 3.		3
2 Species, Breeding		4
3 Poultry/Honey bee		2
4 Animal health		2
5 Plan & Investigation		3
6 ID card section		3
7 Service		4

2 Marketing system (route)

- 1 cooperative has no transportation system.
- 2 Determination of price: market, livestock company and this office.

3 Information of price:

- 1 get from slaughter house.
- 2 Price are sometimes decided by shops.

- 3 Price are decided 1 – 2 times per year. April–May and Sep–Aug.
- 4 Training to farmers
 - 1 lack of budget for animal husbandry training
 - 2 Insecticide
 - 3 Medicine (mainly domestic product are not effective).
 - 4 Marketing information
- 5 Cooperative establishment: any not yet established.
- 6 Project, Plan
 - 1 Industrial method to produce animal livestock (cow).
 - 2 Small traditional keeping
 - 3 Loan from Agricultural Bank
 - 4 Reduce livestock number
- 7 Settlement:
 - 1 Nomad Affair Organization conducts to promote settlement.
 - 2 Establish cooperative and conduct training program.
- 8 Chicken Firm
 - 1 Forty-eight (48) chicken firm in province; 2 firms produce eggs.
 - 2 One feed company in Yasuj
- 9 Slaughter House in Yasuj Township
 - 1 One sheep & cow house in industrial area
100 cow/day, 1,500 sheep & goat/day.
Sometimes farmer bring sheep to this house. Usually traders do.
 - 2 One chicken house
2,000 – 2,500 head/day
- 10 Bee-Keeping
 - 1 Introduction of modern beehives; 5 years ago.
 - 2 ID card issuance: 600 H.H.
 - 3 Support to supply subsidies.
- 5 Agricultural Office
 - 1 Agriculture development
 - 1 Scale up of larger village from small village for wheat.
 - 2 Land reform and establish cooperative
 - 1 Four cooperatives are under going.
 - 2 Eleven cooperatives are finished. (change 2 ha land to 5 ha land)
 - 3 Helped by Soil & Water Conservation Department.
 - 4 produce: wheat, barley, bean, pea, rice.
 - 3 Change to irrigated land by pumping with subsidy.
 - 4 Transfer technical knowledge and training.
 - 5 Established production club (group)
 - 1 Three clubs (15–24 years old daughters) for agricultural activity
 - 2 One woman club for supply seed, fertilizer, loan chemical helped by FAO
 - 3 Member pay 100,000R/person. 50–60 member/club
 - 4 Daughter club in Yasuj, Gatehsalan and Dehdash
Woman club in Si Sakh
use lentil land.
 - 6 Change to garden on slope area.
 - 7 Promote productive cooperation among farmers.
 - 1 This province produces wheat for self consumption.
 - 2 Growth rate is 2.1 – 2.5%. Now around 2%. 6 persons per H.H.
 - 8 15 cooperatives in Province.
 - 9 Marketing activities are not conducted by this office.
 - 10 Extension:
 - 1 Staff number: 15–20
 - 2 Agricultural centers conduct. 15 agricultural centers in Province.
 - 3 Each center has 5–6 staff, and each one staff for extension.
- 2 Organization

- 1 Three buildings; Staff number: 400
 - 2 Administration
 - 1 Central in Yasuj, staff number around: 100
 - 2 Three Agricultural management offices in Province
 - Dehdash (7 centers), staff 80
 - Gachsaran (3 centers), staff 80
 - Yasuj (5 centers), staff 80
 - 1 Si Sakht
 - 2 Chi Tak
 - 3 Bata ba
 - 4 Ludap
 - 5 Dashto Run
 - 3 Extension
 - 1 Farmer training:
 - 1 one class has 20-25 farmers, one hour per day.
 - 2 monthly 5-10 classes or workshops
 - 3 Three agricultural management offices have 1-2 teachers.
 - 2 Staff training:
 - 1 Pre-service education & in service education
10-20 hours per year. 1-3 courses in Dehdash
 - 2 Study of agriculture bachilar degree in Gachsaran
- 9 Natural Resources & Livestock Affair Research Center
- 1 Organization

	Number of staff: 80
	Number of researcher
1 Natural resource: forest, plantology, conservation	14
2 Watershed management: rainfall, catchment system	4
3 Livestock affair: goat, sheep, veterinary	10
4 Socio-economy: chicken, cow, horse	2
 - 2 established 1994; 6-7 researchers in 1997
 - 3 Activities:
 - 1 Natural resource:
 - 1 collect seed & plant for ecologic area. Collect fauna & flora.
 - 2 Examination: pistachio, walnut, populse, piclse(paipase faicus), olive
not yet established plantation.
 - 3 Pistachio: pistachio apatica
Walnut: Local variety. Cold area is good.
Populse: local variety
Piclse: painase faicus
Olive: Natural olive. There is in this site.
 - 4 This center don't conduct apple which needs irrigation water.
 - 2 Livestock research
 - 1 Chicken production data collection.
 - 2 Disease investigation is conducted by beteterianry organization.
 - 3 Object: industrial animal.
 - 3 Speciality of this center
 - 1 Level of height are wide (60m to 4,400m from sea level)
 - 2 Eight limate out of 13 climate are there in Province.

ANNEX K-5 Site Survey, Provincial Offices (4)

IV. Khuzestan Province (Ahvaz)

1 Jihad

1 Water Management Office, Jihad

1 Organization	Number of Staff:	58
1 Manager		1
2 Sub-manager		3
3 Section		
1 Study Section		23
2 Evaluation Section		8
3 Implementation Section		15
4 Watershed of Dam Section		4
5 Plan & Programming Section		4

2 Rural Industry Office

1 Activities

- 1 Jihad conduct only technical training through Twonship.
- 2 Training are conducted by means of training program.
- 3 Select small factory to develop every year.
- 4 Assist in preparation of factory request letter.
- 5 Issue ID card.

2 Organization	Number of Staff:	
1 Manager		1
2 Sub-manager		1
3 Section		
1 Office of Carpet & Handicraft		-
2 Office of Industry Plan and Utilization		10

3 Kinds of Industry

- 1 Food Industry
- 2 Resource Industry
- 3 Chemical & Cellulose Industry
- 4 Cloth Industry (Texture)
- 5 Nylone Industry

3 Izeh Twonship Jihad

1 Organization	Number of Staff:	136
1 Manager		
2 Section		
1 General Office		3
2 Support/Machinery		25
3 Rural Industry		2
4 Extension		7
5 Watershed		3
6 Livestock		8
7 Financial & Offical Affair		6
8 Protection (incl. Guard)		13
9 Cooperation		2
10 Service		5
11 Construction		18

Source: This Study Team

ANNEX K-6 Roles and Activities of Jihad Rural Industry Office

1 Current activities of the office

- 1 Issuing establishing permissions,
- 2 Issuing identity cards,
- 3 Issuing exploitation permissions,
- 4 Giving bank supports for rural industry projects through banks,
- 5 Planning for installation and completion of rural industrial areas,
- 6 To provide and codify short, medium, and long term plans of head office,
- 7 To provide and codify necessary procedures of industrial productive rural plants,
- 8 To give supports in foreign currencies for rural industrial projects through banks,
- 9 Planning for exporting products of rural industry,
- 10 Planning for giving instructions that are needed by people working in rural industries, their managers and also rural craftsmen,
- 11 Planning for active participation of industrial plants in provincial national, and industrial fairs,
- 12 Planning for establishing, rural productive industrial organizations,
- 13 Executing control inspections in different provinces for controlling quality of projects execution,
- 14 Planning for execution of recognition studies of preference, and possibility of establishing rural industries,
- 15 Planning for execution of organizing studies concerning industrial areas in 170 under execution industrial areas,
- 16 Planning for execution of measuring added value, and fruitfulness of rural industries,
- 17 Making database of rural industry.

It must be mentioned that from 1989 until the end of 2000 an amount about 1,224.6 billion Rials of bank credits was distributed to rural industries.

2 Policies of establishing and developing for the processing of agricultural products and the small rural industries

1 General policies

- 1 Establishing and developing appropriate industries in rural areas by issuing and establishing a permission and strengthening production abilities of existing rural industrial plants, by issuing identity cards for the purpose of perfect usage of existing capacities,
- 2 Developing technological ability and quality of products in order to competing with similar products within, and out of the country,
- 3 Perfect exploitation of human resources and existing raw materials in rural areas, and developing professional technical skills of people working in rural industry,
- 4 Preparing necessities of exporting rural industry products,
- 5 Preparing necessities in order to developing fundamental facilities and developing industrial investment in rural areas,
- 6 Preparing necessities in order to producing more occupations for rural and tribal families.

2 Executive policies

- 1 Selecting appropriate place (selecting and delegation of land) under the title of rural industrial areas,
- 2 Helping to provide credits and allocating loans through credential centers, and attraction of active cooperation of banks in order to supporting, establishment and development of industry in rural areas,
- 3 Providing technical services like typical project preparing technical features, proving an beneficial project and guiding people interested in industrial investment in rural areas,
- 4 Preparing necessary facilities for growth and development of rural industry by helping of provide raw materials, instruments, and tools, providing technical services, marketing and developing fairs,
- 5 Providing necessary facilities in order to optimizing making a good hygienic conditions of the workshops,
- 6 Helping to execution of instructional and promotional programs, in order to have more and better rural industry, products, and developing technology of them,
- 7 Trying pursuing and helping establishment of unions or any other suitable organizations for making harmony and supporting productive plants.

3 Definition and Features of Rural Industries

1 Human resources:

Human resources in rural industry plants are provided from local people. If necessary or in scarcity of professional people in related areas, this people must come from other places,

2 Raw materials:

Raw materials of rural industry plants will be provided from local or within the country, and it is emphasized to consume local raw materials (farm, garden, forest and pasture, fishing, animal husbandry and mineral).

If in some cases according to experts opinions, it is necessary to use foreign raw materials as complementary of internal raw materials or it has a prominent role in product's quality, and helps it to be more successful in competition and helps export development, to provide raw materials from foreign countries, which will be allowed,

3 Machineries:

Machineries of rural industry plants must be provided from within the country, unless in cases that the product do not satisfy markets aims, usage of foreign machineries being taken into consideration under all main regulations of rural industries will be possible.

4 Appropriate technology:

Technology in rural industries in addition to being applicable and can be established and exploited in rural areas, and gives such opportunity to villagers to develop their technical abilities.

5 Scale (Size):

Scale of rural productive industries from count of employees aspect as predicted in project is maximum 50 persons in each working shift, and from the amount of stable investment aspect, prices in year 1999 must be less than 3 billion Rials, can be added up to 10 million Rials. It is obvious that according to yearly crisis, the maximum level by the time can be added up.

4 Aims and mission fo Ministry of Agricultural Jihad for small processinga and complementary rural industry

Helping reclamation and sustainable development of rural areas in order to making socio-economic conditions better for villagers by the following ways:

- 1 Attracting people cooperation in investment for the purpose of establishing and developping small procesing and complementary rural industries,
- 2 Preparing necessities of employment and more income for villager for the purpose of social justice,
- 3 Preparing necessities of optimized exploitation of existing facilities and abilities, considering making a verity of economic activities in these areas,
- 4 Making an environment suitable for growth of creativity and maturity of their mental abilities,
- 5 Developing technical knowledge and skills and enhancing the work abilities,
- 6 Supporting activities in agriculrual fields,
- 7 Helping to have more export other than oil.

5 Derailed explanations of Ministry of Agriculrual Jihad in relation with small processing and compementary rural industries

- 1 Providing and codifying appropriate policies in order to supporting establish and development of agricultural field and rural industry and submitting them to realted authorities,
- 2 Executing supportive and encouraging policies considering developing and enhancing technology and producing agriculture related machineries and instruments,
- 3 Planning, organizing and supervising in order to support quantitative and qualitative establishment and optimization of small processing and complementary industries in field of agriculture and rural industry,
- 4 Applying necessary studies in order to recognition of appropriate industries and locating them after revisions in rural and rural industrial areas,
- 5 Issuing and establishing permission, exploiting permissions, identity cards, and permission of development projects of productive plants in relation with small processing and complementary industries of agriculture related fields and rural industries,
- 6 Executing studies and applying necessary policies and supporting activities related to selecting appropriate technology, enhancing fruitfulness, and having more exports in small processing and compementary industries of agriculture related fields and rural industries,
- 7 Establishing rural industrial areas in order to attract people's cooperation, encouraging and helping investment in small processing and complementary industries of agriculture related fields and rural industries.

Source: Rural Industry Office, Jihad.