

Attachment for Chapter 5

*Proposed Subprojects and
Result of Sample Survey*

Attachment 5.1.1 Basic Data on Agricultural Components of 296 Sub-projects

Hamirpur

Att.5.1.1-1

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/Farmers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total vegetable farmers)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermedi	Conserv
1	LIS Kharwar	Kharwar Nallah: 2 lps, June 2020	New	Y	-	N31° 36' 35.7"	E76° 37' 37.0"	1034 m	8.00	20	Maize	Wheat	4	20%	3	75%	1	19	1
2	LIS Kotlu Upper	Kotlu Nallah: 8 lps, March 2020	New	Y	0.2	N31° 36' 29.0"	E76° 26' 04.5"	715 m	10.00	20	Maize, sugarcane	Wheat, sugarcane	3	15%	1	33%	-	19	1
3	LIS Khatrod	Reoulla Nallah: 5 lps, June 2020	New	Y	-	N31° 40' 02.1"	E76° 24' 30.7"	596 m	12.00	26	Maize	Wheat	4	15%	-	-	6	20	-
4	LIS Kot	Kangral Nallah: 7 lps, June 2020	New	Y	-	N31° 42' 37.6"	E76° 33' 10.1"	829 m	15.00	50	Maize	Wheat	1	2%	1	100%	-	50	-
5	LIS Dakhol	Kunah Khad: 20 lps, March 2020	New	Y	-	N31° 40' 49.3"	E76° 27' 01.7"	567 m	12.00	50	Maize	Wheat	3	6%	1	33%	1	49	-
6	LIS Tajyar	Gawald Khad: 10 lps, March 2020	New	-	0.1	N31° 29' 28.4"	E76° 34' 18.5"	720 m	10.00	38	Maize	Wheat	5	13%	-	-	-	38	-
7	LIS Tikkar	Dugh Nallah: 8 lps, March 2020	New	-	-	N31° 39' 54.3"	E76° 26' 58.7"	601 m	10.00	50	Maize	Wheat	3	6%	1	33%	1	46	3
8	STW Siuni	Ground Water: Resistivity Survey Required	New	Y	-	N31° 42' 07.4"	E76° 30' 52.4"	923 m	8.00	30	Maize	Wheat	4	13%	2	50%	-	30	-
9	LIS Dalchera	Dalchera Nallah: 5 lps, June 2020	New	Y	-	N31° 29' 22.7"	E76° 32' 03.4"	829 m	12.00	12	Maize	Wheat	3	25%	2	67%	3	9	-
10	LIS Rohwin	Sanihal Khad: 20 lps, June 2020	New	Y	-	N31° 37' 46.0"	E76° 38' 26.8"	941 m	20.40	65	Maize	Wheat	2	3%	2	100%	5	60	-
11	LIS Maslana	Sarhyali Khad: 10 lps, June 2020	New	Y	-	N31° 27' 57.3"	E76° 30' 19.6"	673 m	10.00	75	Maize	Wheat	4	5%	1	25%	-	73	2
12	LIS Chak Kathal	Jamli Khad: 200 lps, June 2020	New	-	-	N31° 40' 33.3"	E76° 33' 07.2"	777 m	20.00	81	Maize	Wheat	2	2%	-	-	26	51	4
13	LIS Jhanjyani	Sahyali Khad: 10 lps, June 2020	New	Y	-	N31° 28' 35.4"	E76° 30' 22.3"	704 m	30.00	38	Maize	Wheat	6	16%	3	50%	7	30	1
14	LIS Samella	Gawald Khad: 10 lps, June 2020	New	Y	-	N31° 28' 39.9"	E76° 34' 48.4"	685 m	18.00	44	Maize	Wheat	6	14%	3	50%	3	41	-
15	LIS Baroha	Jamli Khad: 5 lps, June 2020	Improvement	Y	-	N31° 40' 22.6"	E76° 32' 18.5"	745 m	21.00	30	Maize	Wheat	-	-	-	-	-	30	-
16	LIS Pidhartta	Sanehal Khad: 8 lps, June 2020	New	Y	0.3	N31° 37' 06.1"	E76° 39' 03.3"	885 m	10.00	50	Maize	Wheat	4	8%	-	-	1	49	-
17	LIS Ramehra	Balhi Nallah: 3 lps, June 2020	New	-	-	N31° 36' 44.1"	E76° 38' 32.8"	882 m	15.00	38	Maize	Wheat	6	16%	2	33%	2	35	1
18	LIS Badaran	Mutard Khad: 5 lps, June 2020	New	Y	-	N31° 37' 08.2"	E76° 28' 11.8"	784 m	8.00	28	Maize	Wheat	3	11%	-	-	3	22	3
19	LIS Nukhel	Mutard Khad: 5 lps, March 2020	New	Y	-	N31° 37' 59.3"	E76° 26' 48.3"	730 m	8.00	25	Maize	Wheat	1	4%	-	-	-	25	-
20	LIS Balduhak	Salasi Khad: 5 lps, June 2020	New	Y	-	N31° 45' 51.3"	E76° 26' 57.6"	728 m	10.00	10	Maize	Wheat	-	-	-	-	3	7	-
21	LIS Jamreda	Chammed Nallah: 12 lps, June 2020	New	-	-	N31° 39' 00.6"	E76° 35' 01.2"	878 m	10.00	38	Maize	Wheat	2	5%	-	-	-	38	-
22	LIS Langiyana	Bai Da Chou: 15 lps, June 2020	New	-	-	N31° 35' 47.7"	E76° 26' 40.8"	768 m	20.00	70	Maize	Wheat	7	10%	3	43%	-	70	-
23	LIS Kwant	Rakkar Cho: 2 lps, June 2020	New	-	-	N31° 41' 20.0"	E76° 20' 48.6"	635 m	10.00	34	Maize	Wheat	5	15%	4	80%	4	27	3
	Total			16	0.60				307.40	922			78		29		66	838	18

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Bilaspur

Att.5.1.1-2

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/ Farmers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total vegetable farmers)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	LIS Daloh	Perenial Source: 18 lps, March 2020	New	Y	-	N31° 29' 41.1"	E76° 36' 55.6"	669 m	10.00	41	Maize	Wheat	7	17%	-	-	-	7	34
2	LIS Dhadus	Ali Khad: 20 lps, June 2020	New	Y	-	N31° 19' 18.3"	E76° 49' 20.3"	700 m	20.00	35	Maize	Wheat	10	28%	2	20%	2	10	23
3	LIS Kuddi	Ali Khad: 16 lps, June 2020	New	Y	-	N31° 22' 44.9"	E76° 47' 42.8"	547 m	15.00	13	Maize	Wheat	3	23%	-	-	-	3	10
4	LIS Makri	Makri Ka Kiar: 15 lps, June 2020	New	Y	-	N31° 18' 54.3"	E76° 48' 41.3"	771 m	10.00	25	Maize	Wheat	10	40%	2	20%	2	10	13
5	LIS Fatoh	Chhiber Fatoh Nallah: 10 lps, March 2020	New	Y	-	N31° 24' 24.0"	E76° 44' 07.9"	538 m	10.00	47	Maize	Wheat	10	21%	2	20%	2	10	35
6	LIS Chanjyara (Himar Chatt)	Didwan Khad: 10 lps, March 2020	New	Y	-	N31° 27' 11.0"	E76° 38' 33.7"	614 m	12.00	53	Maize	Wheat	10	18%	-	-	-	10	43
7	LIS Chanjota	Ali Khad Katli Nallah: 15 lps, June 2020	Improvement	Y	0.15	N31° 16' 36.9"	E76° 51' 31.2"	828 m	10.00	24	Maize	Wheat	5	20%	-	-	-	5	19
8	LIS Sangrana	Kanouni Khad: 15 lps, June 2020	New	-	0.1	N31° 19' 12.8"	E76° 50' 15.9"	755 m	10.00	14	Maize	Wheat	4	28%	1	25%	1	4	9
9	LIS Trauntra	Trauntra Nallah: 12 lps, March 2020	New	Y	0.15	N31° 26' 04.0"	E76° 43' 26.8"	610 m	12.00	18	Maize	Wheat	2	11%	1	50%	1	2	15
10	LIS Challei	Jarad Khad: 16 lps, June 2020	New	Y	0.2	N31° 15' 24.1"	E76° 48' 27.1"	684 m	20.00	30	Maize	Wheat	5	16%	2	40%	2	5	23
11	LIS Dadhol Kalan	Daliyan-Ka-Cho: 16 lps, June 2020	New	Y	-	N31° 29' 19.2"	E76° 40' 01.8"	681 m	22.00	25	Maize	Wheat	5	20%	3	60%	3	5	17
12	LIS Dadhol Khurd	Rohal Khad: 15 lps, March 2020	New	Y	-	N31° 29' 34.3"	E76° 40' 22.5"	665 m	15.00	25	Maize	Wheat	5	20%	-	-	-	5	20
13	LIS Chanjoli	Rohal Khad: 15 lps, March 2020	New	Y	-	N31° 31' 05.9"	E76° 39' 22.4"	703 m	15.00	90	Maize	Wheat	10	11%	1	10%	1	10	79
14	LIS Parli	Pani Ki Bauri: 10 lps, June 2020	New	Y	0.3	N31° 16' 01.4"	E76° 38' 18.4"	557 m	12.00	20	Maize	Wheat	6	30%	1	17%	1	6	13
15	LIS Kotlu Brahmna	Soda Cho: 16 lps, June 2020	New	Y	0.15	N31° 26' 02.3"	E76° 38' 46.1"	620 m	40.00	40	Maize	Wheat	4	10%	-	-	-	4	36
16	LIS Sayar	Jhambloo Sayar: 10 lps, June 2020	New	Y	-	N31° 19' 49.49"	E76° 50' 26.26"	798 m	15.00	40	Maize	Wheat	7	17%	2	29%	2	7	31
17	LIS Daloli	Fatla Nallah: .5 lps Balhian: 12 lps, March 2020	New	-	-	N31° 31' 16.8"	E76° 42' 17.8"	714 m	10.00	25	Maize	Wheat	2	8%	-	-	-	2	23
18	LIS Dharbyain	Souli Khad (Daryaindu di aal): 15 lps, March 2020	New	Y	0.8	N31° 31' 43.7"	E76° 43' 11.8"	693 m	15.00	35	Maize	Wheat	-	-	-	-	-	-	35
19	LIS Chambi Kahran	Chambi Kehran Nallah: 20 lps, June 2020	Improvement	-	0.5	N31° 18' 01.0"	E76° 53' 42.4"	1026 m	20.00	90	Maize	Wheat	54	60%	10	19%	10	54	26
	Total			16	2.35				293	690			159		27		27	159	504

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Una

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/F armers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total vegetable farmers)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	TW Babelhar	Ground Water: Resistivity Survey Required	New	Y	-	N31° 47' 09.9"	E75° 59' 02.8"	556 m	15.00	100	Maize	Wheat	-	-	-	-	-	-	100
2	TW Labana Majra (Nagnoli)	Ground Water: Resistivity Survey Required	New	Y	0.3	N31° 33' 14.8"	E76° 05' 49.1"	459 m	12.00	60	Maize	Wheat	7	12%	-	-	-	7	53
3	TW Pathak Mohalla	Ground Water: Resistivity Survey Required	New	Y	-	N31° 30' 06.6"	E76° 10' 27.2"	403 m	15.00	70	Maize	Wheat	11	16%	-	-	-	11	59
4	STW Nakdoh (Ramnagar)	Ground Water: Resistivity Survey Required	New	Y	-	N31° 44' 05.1"	E76° 03' 16.3"	519 m	12.00	45	Maize	Wheat	-	-	-	-	-	-	45
5	LIS Dohgi	Dugh Nallah: 5 lps, June 2020	New	N	-	N31° 37' 17.0"	E76° 21' 02.7"	641 m	15.00	84	Maize	Wheat	4	5%	-	-	-	4	80
6	STW Lower Bhanjal	Ground Water: Resistivity Survey Required	New	Y	-	N31° 42' 47.3"	E76° 04' 07.2"	494 m	15.00	65	Maize	Wheat	7	11%	-	-	-	7	58
7	LIS Sohari Baduha No. 2	Dhug Nallah: 3 lps, June 2020	New	Y	-	N31° 40' 06.9"	E76° 13' 16.4"	572 m	12.00	45	Maize	Wheat	5	11%	-	-	-	5	40
8	LIS Talmehra	Badoha Nallah: 6 lps, June 2020	New	Y	-	N31° 38' 43.8"	E76° 16' 49.4"	640 m	10.00	51	Maize	Wheat	4	8%	-	-	-	4	47
9	STW Loharli	Ground Water: Resistivity Survey Required	New	Y	-	N31° 34' 50.2"	E76° 06' 56.8"	430 m	15.00	34	Maize	Wheat	-	-	-	-	-	-	34
10	STW Behdala	Ground Water: Resistivity Survey Required	New	Y	-	N31° 28' 16.9"	E76° 20' 16.4"	418 m	15.00	47	Maize	Wheat	5	11%	-	-	-	5	42
11	STW Chattara	Ground Water: Resistivity Survey Required	New	Y	-	N31° 28' 16.9"	E76° 20' 16.4"	418 m	10.00	41	Maize	Wheat	3	7%	-	-	-	3	38
12	LIS Lamlehri (Majra Badla)	Perennial source: 0.5 lps, June 2020	New	Y	0.2	N31° 30' 20.4"	E76° 19' 04.4"	479 m	10.00	28	Maize	Wheat	-	-	-	-	-	-	28
13	STW Samoor Kalan	Ground Water: Resistivity Survey Required	New	Y	-	N31° 30' 46.6"	E76° 17' 23.2"	456 m	12.00	20	Maize	Wheat	-	-	-	-	-	-	20
14	LIS Mandholi	Mandholi Khad: 10 lps, June 2020	New	Y	-	N31° 43' 07.4"	E76° 06' 35.6"	577 m	18.00	25	Maize	Wheat	3	12%	-	-	-	3	22
15	STW Fatehpur Bhadarkali Ward No.-2	Ground Water: Resistivity Survey Required	New	Y	0.2	N31° 46' 40.2"	E76° 03' 01.7"	628 m	15.00	40	Maize	Wheat	4	10%	-	-	-	4	36
16	WHS Cum LIS Majhiani	Majhiani Chou: 10 lps, March 2020	New	N	-	N31° 39' 30.1"	E76° 19' 50.0"	569 m	10.00	35	Maize	Wheat	-	-	-	-	-	-	35
17	WHS Cum LIS Muchhali Khas	Khuh wali choi: 5 lps, March 2020	New	N	-	N31° 37' 05.2"	E76° 20' 55.9"	553 m	10.00	40	Maize	Wheat	-	-	-	-	-	-	40
18	WHS Cum LIS Gurudwara Blah Khalsa	Manki Wala Nallah: 4 lps, March 2020	New	Y	0.2	N31° 28' 49.11"	E76° 21' 22.38"	516 m	10.00	20	Maize	Wheat	3	15%	-	-	-	3	17
19	LIS Sakoun	Kalma da Chou: 4 lps, June 2020	New	Y	-	N31° 33' 14.0"	E76° 19' 59.6"	625 m	12.00	20	Maize	Wheat	-	-	-	-	-	-	20
Total				16	0.90				243.00	870			56					56	814

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Mandi

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/Farmers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total vegetable)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Lohara	Lohara Khad: 30 lps, June 2020	New	N	-	N31° 35' 00.8"	E76° 56' 52.5"	785 m	40	120	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	42	35%	10	24%	5	37	78
2	FIS Rati Malther	Rati Nallah: 15 lps, June 2020	New	N	-	N31° 35' 53.9"	E76° 54' 12.1"	779 m	65	300	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	161	54%	18	11%	4	157	139
3	FIS Challi Nallah to Jawalapar	Challi Nallah: 25 lps, June 2020	New	N	-	N31° 45' 18.6"	E77° 07' 58.7"	2265 m	50	250	Maize, Veg., Orchard	Wheat, Barley, Vegetables	75	30%	12	16%	2	73	175
4	FIS Kasan to Sanj	Perennial Source: 30 lps, June 2020	Improvement	N	-	N31° 36' 58.6"	E77° 03' 07.2"	1140 m	32	55	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	13	24%	3	23%	-	13	42
5	FIS Baloh	Perennial Source: 5 lps, June 2020	Improvement	N	-	N31° 42' 25.5"	E76° 53' 15.3"	1099 m	24	60	Maize, Paddy, Vegetables, Pulses	Wheat, Barley, Vegetables	10	17%	4	40%	-	10	50
6	FIS Khunag to Saroh	Perennial Source: 20lps, March 2020	New	N	-	N31° 35' 07.5"	E77° 08' 35.0"	1625 m	15	100	Maize, Paddy, Vegetables, Pulses	Wheat, Barley, Vegetables	49	49%	9	18%	1	48	51
7	FIS Auhun	Perennial Source: 10 lps, March 2020	New	N	-	N31° 32' 24.5"	E77° 08' 41.8"	2266 m	60	125	Maize, Vegetables, Pulses	Wheat, Barley, Vegetables	45	36%	12	27%	1	45	80
8	FIS Godhiman Majhothi	Perennial Source: 12 lps, March 2020	Improvement	N	-	N31° 33' 18.0"	E77° 04' 57.3"	1618 m	14	70	Maize, Vegetables, Pulses	Wheat, Barley, Vegetables	9	13%	2	22%	1	9	61
9	FIS Rohara to kataru	Perennial Source: 20 lps, June 2020	New	N	-	N31° 30' 01.9"	E77° 11' 38.7"	2383 m	45	300	Maize, Paddy, Vegetables, Pulses	Wheat, Barley, Vegetables	99	33%	16	16%	1	94	201
10	FIS Bajrohu to Kot	Tanpalu Nallah: 15 lps, June 2020	Improvement	N	-	N31° 32' 13.5"	E77° 01' 51.3"	1513 m	20	30	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	7	23%	3	43%	1	7	23
11	FIS Jauli Badan	Shilli Khad: 30 lps, June 2020	Improvement	N	-	N31° 30' 27.0"	E77° 05' 08.1"	1838 m	17	195	Maize, Paddy, Vegetables, Pulses	Wheat, Barley, Vegetables	64	33%	14	22%	1	62	131
12	FIS Panredi to Baghi	Perennial Source: 12 lps, June 2020	New	N	-	N31° 46' 31.3"	E77° 04' 45.2"	1940 m	18	70	Maize, Vegetables, Pulses	Wheat, Barley, Vegetables	37	53%	8	22%	1	37	33
13	FIS Suma to Shivabadar	Summa Khad: 12 lps, June 2020	New	N	-	N31° 42' 59.6"	E77° 03' 41.4"	1261 m	15	150	Maize, Paddy, Vegetables, Pulses	Wheat, Barley, Vegetables	14	9%	4	29%	1	14	136
14	FIS Juddi Ropa Mahidhar	Perennial Source: 30 lps, March 2020	New	N	-	N31° 32' 05.3"	E77° 08' 58.9"	2184 m	18	25	Maize, Vegetables, Pulses	Wheat, Barley, Vegetables	9	36%	2	22%	1	9	16
15	FIS Gambhar Khad	Gambhar Khad: 10 lps, June 2020	Improvement	N	-	N31° 40' 37.4"	E76° 51' 37.2"	1174 m	25	40	Maize	Wheat	7	18%	2	29%	1	7	33
16	FIS Dhalwas Rahidhar	Perennial Source: 10 lps, March 2020	New	N	-	N31° 33' 00.7"	E77° 08' 09.7"	2132 m	18	100	Maize	Wheat	37	37%	7	19%	1	37	63
17	FIS Cheuni Khad to Nihri	Cheuni Khad: 35 lps, June 2020	Improvement	N	-	N31° 34' 13.3"	E77° 11' 59.8"	1947 m	30	210	Maize, Vegetables, Pulses	Wheat, Barley, Vegetables	94	45%	16	17%	1	90	116
18	FIS Kansa Khad to Ganekar Ropa	Kansa Khad: 25 lps, June 2020	Improvement	N	0.75	N31° 32' 10.4"	E76° 56' 09.4"	885 m	24	35	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	9	26%	1	11%	1	9	26
19	FIS Masog Nalag	Perennial Source: 4 lps, June 2020	Improvement	N	-	N31° 22' 03.1"	E77° 12' 49.5"	1267 m	80	35	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	11	31%	4	36%	1	11	24
20	FIS Girjhanu Khad to Kao Chalaru	Girjhanu Khad: 12 lps, June 2020	Improvement	N	-	N31° 22' 08.3"	E77° 13' 21.9"	1239 m	25	35	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	8	23%	2	25%	1	8	27
21	FIS Chinnu to Vakhrog	Jiuni Khad: 60 lps, June 2020	Improvement	N	-	N31° 31' 33.9"	E77° 03' 41.8"	1595 m	60	110	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	40	36%	6	15%	1	40	70
22	FIS Got Khad to Kandi	Gor Khad: 25 lps, June 2020	Improvement	N	-	N31° 29' 33.9"	E77° 04' 50.6"	2095 m	22	40	Maize, Paddy, Vegetables	Wheat, Barley, Vegetables	21	53%	8	38%	1	21	19
23	FIS Padhar to Aarang	Dev Pani Nallah: 16 lps, June 2020	New	N	-	N31° 52' 16.3"	E77° 01' 19.7"	1573 m	10	45	Maize	Wheat	9	20%	3	33%	1	9	36
24	FIS Kotang to Tha	Kotang Khad: 20 lps, June 2020	Improvement	N	-	N31° 51' 05.6"	E77° 01' 04.4"	1344 m	35	130	Maize	Wheat	45	35%	8	18%	1	45	85
25	FIS Bhadrohi	Perennial Source: 10 lps, June 2020	New	N	1	N31° 38' 38.1"	E76° 48' 03.0"	1267 m	35	62	Paddy, Maize, fodder, pulses	Wheat, pulses, fodder	4	6%	1	25%	1	3	58
26	WHS cum LIS Nawahi	Perennial Source: 10lps, March 2020	New	Y	-	N31° 39' 47.8"	E76° 43' 46.8"	833 m	20	125	Paddy, Maize, fodder	Wheat, fodder	12	10%	2	17%	1	11	113
27	LIS Bakarta	SeerKhad: 12 lps, March 2020	New	Y	-	N31° 40' 45.5"	E76° 43' 21.3"	866 m	12	75	Paddy, Maize, fodder, pulses	Wheat, pulses, fodder	9	12%	1	11%	1	8	66
28	LIS Jol to Mudhai Ransed	Perennial Source: 5 lps, March 2020	New	Y	-	N31° 32' 21.8"	E76° 44' 19.3"	723 m	16	35	Paddy, Maize, fodder, pulses	Wheat, pulses, fodder	5	14%	-	-	1	5	30
29	FIS Bharnal	Sihl Khad: 10 lps, June 2020	New	N	-	N31° 36' 09.9"	E76° 47' 26.6"	1037 m	12	60	Paddy, Maize, Vegetables	Wheat, Vegetables	6	10%	1	17%	1	6	54
30	FIS Alsogi	Chamba Nallah: 10 lps, March 2020	New	N	-	N31° 31' 09.4"	E76° 47' 01.9"	1126 m	20	170	Paddy, Maize, Vegetables	Wheat, Vegetables	14	8%	1	7%	1	14	156
31	LIS Kotlu	Kansa Khadd: 15 lps, March 2020	New	N	-	N31° 29' 47.0"	E76° 58' 23.2"	1268 m	20	27	Paddy, Maize, Vegetables	Wheat, Vegetables	3	11%	-	-	1	3	24
32	LIS Therahred/ Pihhar	Ganed Khad: 14 lps, June 2020	New	Y	-	N31° 47' 35.5"	E76° 42' 49.0"	733 m	8	100	Paddy, Maize, Vegetables	Wheat, Vegetables	11	11%	-	-	1	11	89

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						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Gartuhal Kunal	Chorat Nallah: 40 lps, March 2020	New	N	-	N32° 02' 57.8"	E76° 43' 37.3"	1584 m	40.00	110	Paddy	Wheat	25	23%	5	20%	5	101	4
2	FIS Bhattiyadi Da Chou	Soon Khad: 50 lps, June 2020	Improvement	N	0.20	N32° 05' 05.7"	E76° 29' 39.8"	1044 m	27.00	65	Paddy	Wheat	15	23%	2	13%	2	60	3
3	FIS Chamruhal Kunal	Niugal Khad: 150 lps, March 2020	Improvement	N	-	N32° 07' 00.4"	E76° 30' 42.9"	1158 m	32.00	185	Paddy	Wheat	35	19%	5	14%	5	175	5
4	FIS Riduan(Rehru) Kunal	Jogal Khad 100 lps, June 2020	Improvement	N	-	N32° 05' 22.0"	E76° 20' 44.6"	768 m	60.00	165	Paddy	Wheat	45	27%	10	22%	10	147	8
5	FIS Bharwana Chowthammi Kunal	Awa Khad 150 lps, June 2020	Improvement	N	-	N32° 04' 13.8"	E76° 35' 01.3"	1095 m	50.00	150	Paddy	Wheat	30	20%	4	13%	4	142	4
6	FIS Anuhal Kunal	Niugal Khad: 200 lps, March 2020	Improvement	N	1.50	N32° 06' 51.7"	E76° 30' 07.6"	1130 m	45.00	190	Paddy	Wheat	55	29%	10	18%	15	170	5
7	FIS Kand Kosri(HDPE Pipe)	Magroo Nallah: 5 lps, March 2020	New	N	1.00	N32° 04' 46.9"	E76° 41' 35.7"	1598 m	25.00	70	Maize	Barley	20	29%	10	50%	10	55	5
8	FIS Dhooni Kunal	Soon Khad: 50 lps, June 2020	Improvement	N	-	N32° 02' 11.2"	E76° 28' 28.2"	873 m	70.00	180	Paddy	Wheat	50	28%	15	30%	18	156	6
9	FIS Soian Kunal	Neugal Khad: 200 lps, June 2020	Improvement	N	-	N32° 03' 05.9"	E76° 27' 26.8"	872 m	27.00	65	Paddy	Wheat	10	15%	2	20%	2	60	3
10	FIS Changre Da Chau	Naid Nallah: 15 lps, March 2020	Improvement	N	-	N32° 07' 01.5"	E76° 28' 03.8"	1116 m	20.00	110	Paddy	Wheat	22	20%	3	14%	3	102	5
11	FIS Chhoo Nala Kunal	Chhoo Nalah: 25 lps, March 2020	Improvement	N	0.50	N32° 02' 03.3"	E76° 36' 49.6"	927 m	35.00	40	Paddy	Wheat	10	25%	3	30%	3	35	2
12	FIS Chetu Da Chou	Bhager Nallah: 8 lps, March 2020	Improvement	N	0.40	N32° 03' 06.1"	E76° 33' 27.4"	1030 m	12.00	40	Paddy	Wheat	5	13%	1	20%	1	38	1
13	FIS Vaidan Di Kunal	Soon Khad: 50 lps, June 2020	Improvement	N	1.00	N32° 04' 46.5"	E76° 29' 28.2"	1030 m	60.00	80	Paddy	Wheat	15	19%	5	33%	5	71	4
14	FIS Kothi Kohar (HPDE Pipes)	Kohar Nallah: 30 lps, June 2020	New	N	-	N32° 05' 40.9"	E76° 48' 21.0"	2525 m	15.00	60	Maize, Pulses	Wheat	25	42%	9	36%	9	48	3
15	FIS Badagran(HPDE Pipes)	Badgran Nala 15 lps, June 2020	New	N	-	N32° 05' 12.6"	E76° 46' 34.1"	2355 m	18.00	45	Maize, Pulses	Wheat	20	44%	5	25%	5	35	5
16	FIS Brehri Kunal	Baner Khadd: 4 cumecs, June 2020	Improvement	N	-	N32° 05' 39.2"	E76° 20' 16.3"	730 m	40.00	45	Paddy	Wheat	18	40%	5	28%	5	37	3
17	FIS Balehar Kunal	Ghar Nallah: 40 lps, June 2020	Improvement	N	-	N32° 03' 12.6"	E76° 32' 18.5"	1008 m	15.00	70	Paddy	Wheat	5	7%	2	40%	2	64	4
18	FIS Nalohata (HPDE Pipes)	Badagran Nallah: 80 lps, June 2020	New	N	-	N32° 05' 29.5"	E76° 46' 38.8"	2382 m	35.00	125	Maize, Pulses	Wheat	25	20%	5	20%	5	116	4
19	FIS Dawar	Manuni Khad 850 lps, March 2020	Improvement	N	2.00	N32° 08' 07.2"	E76° 17' 55.4"	755 m	50.00	400	Paddy	Wheat	20	5%	2	10%	15	368	17
20	FIS Nai Kunal	Manuni Khad 800 lps, March 2020	Improvement	N	-	N32° 08' 34.5"	E76° 18' 28.6"	795 m	50.00	425	Paddy	Wheat	20	5%	3	15%	17	384	24
21	FIS Parul	Manuni Khad: 750 lps, March 2020	Improvement	N	-	N32° 07' 51.7"	E76° 17' 40.9"	734 m	50.00	441	Paddy	Wheat	25	6%	5	20%	20	406	15
22	FIS Malti Kunal	Manuni Khad 870 lps, March 2020	New	N	1.50	N32° 08' 20.9"	E76° 18' 16.3"	780 m	50.00	340	Paddy	Wheat	25	7%	4	16%	25	297	18
23	FIS Rori Kori	Chanaur Khad: 70 lps, March 2020	Improvement	N	2.00	N31° 53' 05.3"	E76° 06' 21.8"	634 m	50.00	310	Paddy	Wheat	18	6%	2	11%	7	293	10
24	LIS Takipur Khas	Daddan Nallah: 6 lps, March 2020	New	Y	-	N32° 02' 34.0"	E76° 15' 29.4"	580 m	30.00	225	Maize/Paddy	Wheat	8	4%	-	-	5	211	9
25	LIS Bather	Basa Nallah: 20 lps, March 2020	New	Y	1.00	N32° 00' 29.1"	E76° 10' 32.2"	445 m	30.00	80	Maize/Paddy	Wheat	10	13%	1	10%	4	71	5
26	FIS Surani	Surani Nallah: 4 lps, June 2020	New	N	-	N31° 53' 31.0"	E76° 20' 47.1"	699 m	10.00	95	Paddy	Wheat	12	13%	-	-	2	83	10
27	LIS Mour	Mour Nallah: 5 lps, June 2020	New	Y	-	N31° 53' 33.1"	E76° 24' 09.8"	667 m	15.00	80	Maize/Paddy	Wheat	15	19%	2	13%	3	68	9
28	FIS Jhikli Ichhi	Manjhi Khad 960 lps, March 2020	Improvement	N	-	N32° 09' 26.4"	E76° 17' 03.2"	792 m	60.00	360	Paddy	Wheat	20	6%	5	25%	5	337	18
29	FIS Pule wali kunal	Manuni Khad 850 lps, March 2020	Improvement	N	-	N32° 08' 14.8"	E76° 18' 10.1"	766 m	90.00	450	Paddy	Wheat	20	4%	5	25%	18	416	16
30	FIS Rainta	Bagdwari Nallah: 450 lps, June 2020	New	N	3.00	N31° 52' 31.9"	E76° 16' 17.5"	442 m	40.00	110	Paddy	Wheat	15	14%	5	33%	5	93	12
31	FIS Adhwani	Suhag Nallah: 120 lps, March 2020	New	N	-	N31° 49' 09.1"	E76° 18' 35.9"	455 m	35.00	95	Maize/Paddy	Wheat	25	26%	3	12%	3	83	9

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						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
32	LIS Riri Kuthera -II	Kan Khad: 30 lps, March 2020	New	Y	1.00	N31° 55' 01.0"	E75° 56' 35.4"	354 m	48.00	120	Maize/Paddy	Wheat	5	4%	-	-	5	100	15
33	FIS Naggan Patt	Manjhi Khad 960 lps, March 2020	Improvement	N	-	N32° 09' 26.4"	E76° 17' 03.2"	792 m	40.00	225	Paddy	Wheat	8	4%	2	25%	6	204	15
34	FIS Dann Kuhal	Daroon Khad: 60 lps, March 2020	Improvement	N	-	N32° 08' 34.7"	E76° 21' 46.5"	923 m	28.00	80	Paddy	Wheat	10	13%	2	20%	2	77	1
35	FIS Bhedi Kuhal	Gajj Khad: 100 lps, June 2020	Improvement	N	-	N32° 11' 05.2"	E76° 13' 55.8"	718 m	96.00	200	Paddy	Wheat	20	10%	5	25%	5	192	3
36	FIS Traimbla Kuhal(Khabli Kuhal)	Johar Khad: 60 lps, March 2020	Improvement	N	-	N32° 09' 45.9"	E76° 14' 16.2"	656 m	25.00	120	Paddy	Wheat	15	13%	2	13%	2	116	2
37	FIS Manuni Kuhal	Manuni Khad: 100 lps, March 2020	Improvement	N	2.00	N32° 10' 23.7"	E76° 20' 00.1"	980 m	40.00	150	Paddy	Wheat	10	7%	2	20%	2	146	2
38	LIS Nana Khas	Nanna Khad: 50 lps, March 2020	New	Y	-	N32° 07' 37.5"	E76° 03' 56.3"	478 m	14.00	30	Maize/Paddy	Wheat	3	10%	1	33%	1	28	1
39	FIS Lakhnehar Khabbal	Khakhod Khad: 200 lps, March 2020	New	N	0.20	N32° 10' 15.4"	E76° 02' 29.4"	445 m	19.00	40	Paddy	Wheat	3	8%	1	33%	1	37	2
40	LIS Jagnoli	Baruna Khad 20 lps, March 2020	New	Y	1.00	N32° 03' 24.9"	E75° 56' 45.4"	434 m	45.00	150	Maize/Paddy	Wheat	10	7%	-	-	2	144	4
41	FIS Salli Bhaled Kuhal	Jagnoli Chatta Khad: 50 lps, March 2020	Improvement	N	1.00	N32° 18' 07.6"	E76° 14' 28.5"	1735 m	60.00	160	Paddy	Wheat	4	3%	-	-	2	155	3
42	LIS Sunhi	Bardi Khad: 15 lps, June 2020	New	Y	0.50	N32° 01' 24.4"	E76° 18' 28.9"	701 m	25.00	65	Maize/Paddy	Wheat	8	12%	2	25%	2	61	2
43	FIS Grayen Di Kuhal	Neugal Khadd: 5 cumecs, June 2020	Improvement	N	-	N32° 09' 27.4"	E76° 32' 38.2"	1508 m	80.00	225	Paddy	Wheat	35	16%	10	29%	10	211	4
44	FIS Katuhul Kuhal	Krini Khadd: 100 lps, June 2020	Improvement	N	-	N32° 07' 18.0"	E76° 27' 08.9"	1134 m	30.00	90	Paddy	Wheat	14	16%	3	21%	3	84	3
45	FIS Daduhul Kuhal	Baner Khadd: 250 lps, June 2020	Improvement	N	-	N32° 09' 35.9"	E76° 27' 19.6"	1257 m	80.00	250	Paddy	Wheat	22	9%	3	14%	3	236	11
46	FIS Ghamota Chou	Soon Khad: 50 lps, June 2020	New	N	0.50	N32° 05' 23.7"	E76° 29' 58.9"	1069 m	25.00	50	Paddy	Wheat	8	16%	3	38%	3	45	2
47	FIS Badehar&Acharyan Kuhal	Arla Nallah: 15 lps, June 2020	Improvement	N	-	N32° 04' 11.9"	E76° 29' 39.5"	1008 m	24.00	60	Paddy	Wheat	5	8%	2	40%	2	56	2
48	LIS Balu Galoa	Nakehar Khadd: 30 lps, June 2020	New	Y	-	N31° 56' 12.1"	E76° 16' 03.9"	484 m	30.00	80	Maize/Paddy	Wheat	6	8%	1	17%	5	65	10
49	LIS Baklehar	Pule Wala Nalla: 4 lps, June 2020	New	Y	1.00	N32° 02' 28.3"	E76° 08' 23.2"	524 m	11.00	34	Maize/Paddy	Wheat	6	18%	1	17%	1	26	7
50	FIS Chanaur	Chanaur Khad: 70 lps, March 2020	New	N	1.00	N31° 53' 35.4"	E76° 07' 06.3"	576 m	60.00	150	Paddy	Wheat	3	2%	-	-	2	138	10
51	LIS Nagrota	Sardaran Da Nalla: 5 lps, June 2020	New	Y	1.00	N31° 56' 19.6"	E75° 56' 58.5"	354 m	16.00	45	Maize/Paddy	Wheat	3	7%	1	33%	2	37	6
52	LIS Amb Pathiar-I	Chamoti Nalla: 100 lps, March 2020	New	Y	-	N31° 50' 55.8"	E76° 18' 47.2"	461 m	22.00	60	Maize/Paddy	Wheat	5	8%	1	20%	3	48	9
53	LIS Amb Pathiar-II	Chamoti Nalla: 100 lps, March 2020	New	Y	0.50	N31° 51' 14.0"	E76° 18' 36.8"	465 m	30.00	80	Maize/Paddy	Wheat	5	6%	1	20%	2	68	10
54	LIS Nagrota	Doda Nalla: 50 lps, March 2020	New	Y	0.40	N31° 50' 08.9"	E76° 18' 16.7"	422 m	30.00	90	Maize/Paddy	Wheat	5	6%	1	20%	3	75	12
55	LIS Dhaneti Garla	Chhonchh Khadd: 14 lps, June 2020	New	Y	1.00	N32° 13' 30.9"	E75° 52' 23.5"	471 m	40.00	120	Maize/Paddy	Wheat	5	4%	-	-	2	115	3
56	LIS Kior Gharian	Garhian da Nalla: 8 lps, June 2020	New	Y	1.00	N32° 20' 23.2"	E75° 56' 37.6"	607 m	25.00	40	Maize/Paddy	Wheat	5	13%	-	-	2	34	4
57	FIS Sandh Kuhal	Gharloo Nallah: 25 lps, June 2020	Improvement	N	1.00	N32° 09' 38.2"	E76° 18' 06.6"	852 m	30.00	85	Paddy	Wheat	10	12%	2	20%	2	82	1
58	FIS Baddi/Dondu Kuhal	Gharloo Nallah: 60 lps, June 2020	Improvement	N	-	N32° 09' 37.4"	E76° 17' 50.7"	837 m	60.00	165	Paddy	Wheat	15	9%	2	13%	2	162	1
59	FIS Nannayia Kuhal	Gharloo Nalla/Manjhi Khad: 60 lps, June 2020	Improvement	N	-	N32° 09' 34.4"	E76° 17' 38.8"	822 m	30.00	70	Paddy	Wheat	10	14%	3	30%	3	65	2
60	FIS Chhadul Kuhal	Dhaloon Khad: 100 lps, March 2020	Improvement	N	-	N32° 10' 21.0"	E76° 23' 11.4"	1097 m	40.00	120	Paddy	Wheat	5	4%	-	-	5	113	2
	Total			15	27.20				2289	8360			926		189		323	7642	395

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						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Sharagha	Kais Nallah: 25 lps, June 2020	Improvement	N	-	N 32° 01' 23.8"	E 077° 08' 38.7"	1514 m	30.00	66	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	43	65%	15	35%	13	42	11
2	FIS Parsha	Parsha Nallah: 20 lps, March 2020	Improvement	N	-	N 32° 12' 24.7"	E 077° 10' 59.3"	1887 m	32.00	74	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	44	59%	15	34%	10	50	14
3	FIS Dodani Bai	Kais Nallah: 30 lps, June 2020	Improvement	N	-	N 32° 01' 15.2"	E 077° 08' 08.1"	1447 m	48.00	107	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	66	62%	27	41%	12	85	10
4	FIS Bran Bihal Seri	Bran Nallah: 20 lps, March 2020	Improvement	N	-	N 32° 10' 29.9"	E 077° 10' 23.8"	1784 m	32.00	39	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	12	31%	6	50%	9	25	5
5	FIS Khanor Himi Seri	Mashala Nallah: 30 lps, June 2020	Improvement	N	-	N 32° 05' 27.1"	E 077° 09' 24.3"	1690 m	80.00	250	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	145	58%	63	43%	30	210	10
6	FIS Nashala	Mashala Nallah: 30 lps, March 2020	Improvement	N	-	N 32° 05' 23.3"	E 077° 09' 45.7"	1747 m	40.00	85	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	51	60%	21	41%	14	65	6
7	FIS Dobha Seri	Bran Nallah: 20 lps, March 2020	Improvement	N	-	N 32° 09' 51.5"	E 077° 10' 03.8"	1834 m	28.00	98	Maize, Pulses, Orchard	Wheat, Barley, Peas, Orchard	39	40%	15	38%	18	68	12
8	FIS Tharas	Thrash Nallah: 50 lps, March 2020	Improvement	N	-	N 31° 50' 03.6"	E 077° 11' 12.4"	1082 m	35.00	70	Maize, Pulses, Orchard	Wheat, Barley, Peas, Orchard	49	70%	21	43%	14	49	7
9	FIS Falatnala	Falat Nallah: 25 lps, March 2020	Improvement	N	-	N 31° 50' 30.9"	E 077° 08' 57.5"	1170 m	20.00	180	Maize, Paddy, Orchard	Wheat, Barley, Peas, Orchard	126	70%	54	43%	35	140	5
10	FIS Tinder Nohanda	Tinder Nallah: 15 lps, June 2020	Improvement	N	-	N 31° 38' 40.8"	E 077° 27' 21.3"	1937 m	12.00	40	Maize, Rajmash	Wheat, Barley	18	45%	6	60%	8	27	5
11	FIS Tipudhar (Shalera)	Tipudhar Nallah: 20 lps, June 2020	Improvement	N	-	N 31° 41' 16.7"	E 077° 20' 33.7"	1812 m	10.00	48	Maize	Wheat, Barley	4	8%	10	25%	10	33	5
12	LIS Bathogi (Shil)	Tirthan River: 25 lps, June 2020	New	Y	-	N 31° 39' 07.9"	E 077° 19' 21.1"	1414 m	10.00	75	Maize, Rajmash	Wheat, Barley	41	55%	15	71%	15	53	7
13	FIS Ghayagi	Perennial Nallah: 50 lps, June 2020	Improvement	N	-	N 31° 34' 38.4"	E 077° 22' 21.4"	2111 m	10.00	45	Maize	Wheat, Barley	23	51%	11	73%	12	28	5
14	FIS Barnogi	Perennial Nallah: 18 lps, June 2020	New	N	-	N 31° 38' 41.4"	E 077° 27' 20.6"	1871 m	10.00	55	Maize	Wheat, Barley	33	60%	11	61%	8	43	4
	Newly Proposed																		
15	FIS Malana	Perennial Nallah: 60 lps, March 2020	New	N	-	N 032° 03' 47.4"	E 077° 15' 41.3"	2633 m	12.00	115	Maize, Pulses, Potato, Millet	Wheat, Barley	46	40%	12	26%	5	100	10
16	FIS Sheglu	Perennial Nallah: 70 lps, March 2020	Improvement	N	-	N 032° 01' 23.1"	E 077° 08' 31.9"	1497 m	24.00	120	Maize, Pulses, Oil seed	Wheat, Barley, pulses	84	70%	42	50%	15	100	5
17	FIS Much Kuhl	Perennial Nallah: 30 lps, March 2020	Improvement	N	-	N 032° 01' 23.6"	E 077° 08' 28.3"	1489 m	20.00	108	Maize, Paddy, Orchard	Wheat, Barley, peas	76	70%	42	55%	18	85	5
18	FIS Bran Behal Rampur Seri	Perennial Nallah: 25 lps, March 2020	Improvement	N	-	N 032° 06' 46.4"	E 077° 12' 51.0"	2117 m	14.00	50	Maize, Pulses, Oil seed	Wheat, Barley, pulses	25	50%	13	52%	8	38	4
19	FIS Chhaki Seri	Chakki Nallah: 75 lps, June 2020	Improvement	N	3	N 031° 57' 49.2"	E 077° 06' 35.3"	1632 m	40.00	280	Maize, Pulses, Oil seed	Wheat, Barley, pulses	154	55%	84	55%	30	240	10
20	LIS Ratwah	Tirthan Khad: 50 lps, June 2020	New	Y	-	N 031° 40' 34.1"	E 077° 17' 36.1"	1146 m	20.00	50	Maize, Pulses, Oil seed	Wheat, Barley, pulses	30	60%	18	60%	12	35	3
21	FIS Shirar Sauni Pul Rouda Seri	Shirar Nallah: 80 lps, March 2020	Improvement	N	-	N 032° 04' 01.1"	E 077° 06' 41.8"	1581 m	24.00	120	Maize, Pulses, Oil seed	Wheat, Barley, peas	78	65%	48	61%	30	82	8
22	FIS Bhuthi	Bhuthi Nallah: 25 lps, June 2020	New	N	-	N 031° 57' 46.5"	E 077° 02' 52.9"	1615 m	12.00	105	Maize, Pulses, Oil seed	Wheat, Barley, pulses	63	60%	32	51%	25	70	10
23	FIS Chinch Ropa	Perennial Malhaj Nalla 27 lps, March 2020	Improvement	N	-	N 032° 09' 35.1"	E 077° 09' 36.7"	1878 m	16.00	90	Maize, Pulses, Oil seed, Orchard	Wheat, Barley, pulses, Orchard	59	65%	32	54%	20	65	5
24	FIS Kalehali	Bajoura Nallah: 60 lps, March 2020	Improvement	N	-	N 031° 50' 40.8"	E 077° 09' 19.7"	1141 m	20.00	120	Maize, Pulses, Oil seed, Orchard	Wheat, Barley, pulses, Orchard	84	70%	60	71%	40	75	5
25	FIS Gadherni	Shaleen Nallah: 60 lps, June 2020	Improvement	N	-	N 032° 13' 09.5"	E 077° 11' 08.8"	1893 m	30.00	80	Maize, Pulses, Oil seed, Orchard	Wheat, Barley, pulses, Orchard	48	60%	16	33%	25	50	5
26	FIS Bhalyani	Perennial Nallah: 20 lps, June 2020	Improvement	N	-	N 031° 56' 48.7"	E 077° 02' 50.7"	1917 m	14.00	120	Maize, Pulses, Oil seed	Wheat, Barley, pulses	60	50%	18	30%	15	95	10
	Total			2	3				643	2590			1501		707		451	1953	186

Kinnaur

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/F armers	Major crops		Total Vegetable		Commercial		Dominant Farmers (Advanced/		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Japrodan (Khawangi Kanda)	Shwalling Nallah: 6 lps	Improvement	N	-				5.00	23	Rajmash, Peas, Apple, Buckwheat	18	78%	4	22%	8	7	8	
2	FIS Nichla Bhaturi	Natural River	Improvement	N	-				10.00	17	Rajmash, Wheat, Potato, Apple, Barley, Pea	17	100%	12	71%	5	8	4	
3	FIS Rogfa to Kothi Kanda	Rogfa Pond: 5 lps	Improvement	N	-				4.50	30	Buckwheat, Rajmash, Potato, Apple	10	33%	5	50%	12	10	8	
Total									19.50	70		45		21		25	25	20	

Shimla

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/Farmers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Paneo Nallah to Dharku	Pau Nallah: 6 lps, March 2020	New	N	-	N31° 30' 16.4"	E77° 20' 28.4"	2142 m	12.00	38	Maize	Wheat	8	21%	2	25%	6	32	-
2	FIS Karmad to Guhanda	Karmad Nallah: 4 lps, June 2020	New	N	-	N31° 29' 37.9"	E77° 24' 55.4"	1986 m	20.00	120	Maize	Wheat, Garlic	20	17%	6	30%	18	102	-
3	FIS Thanach to Rumali	Thanach Nallah: 15 lps, June 2020	New	N	-	N31° 31' 41.7"	E77° 28' 02.0"	2338 m	30.00	130	Maize	Wheat, Garlic	15	12%	12	80%	18	112	-
4	FIS Sunara Dhagaon	Sunara Nallah: 20 lps, March 2020	New	N	2.00	N31° 26' 38.6"	E77° 31' 42.1"	1245 m	23.00	55	Paddy, Maize	Wheat	8	15%	6	75%	8	47	-
5	FIS Thanda Pani to Odia	Thanda Pani: 12 lps, March 2020	New	N	2.00	N31° 32' 30.3"	E77° 32' 21.5"	2111 m	19.00	85	Maize, Pulses	Wheat, Garlic	15	18%	12	80%	13	72	-
6	FIS Saladi Khad to Bathada	Saladi Nallah: 12 lps, March 2020	New	N	1.50	N31° 24' 02.2"	E77° 41' 54.9"	1189 m	15.00	85	Paddy, Maize	Wheat, Gram	10	12%	8	80%	8	77	-
7	FIS Deothi Nallah to Keem	Deothi Nallah: 15 lps, March 2020	New	N	-	N31° 25' 47.3"	E77° 43' 14.2"	2155 m	20.00	125	Maize	Wheat, Apple, Peas	18	14%	18	10%	18	107	-
8	FIS Garasu to Suha	Garasu Nallah: 30 lps, June 2020	New	N	-	N31° 17' 57.2"	E77° 36' 26.5"	1722 m	45.00	145	Maize, Apple, Pulses	Wheat, Apple, Peas, Garlic	19	13%	15	79%	18	127	-
9	FIS Sadoli to Siyarla	Sadoli Nallah: 15 lps, March 2020	New	N	-	N31° 21' 44.0"	E77° 44' 27.3"	1768 m	18.00	45	Maize, Potato, Pulses	Wheat, Garlic, Peas	8	18%	6	75%	8	37	-
10	FIS Madholi to Bajetyl	Madholi Khad: 12 lps, June 2020	New	N	-	N31° 18' 51.4"	E77° 38' 21.7"	1781 m	30.00	85	Maize, Potato, Pulses	Wheat, Garlic, Peas	15	18%	12	80%	15	70	-
11	FIS Kepu	Khekhar Nallah: 25 lps, March 2020	Improvement	N	-	N31° 19' 43.3"	E77° 27' 14.1"	1003 m	30.00	85	Paddy, Maize, Potato, Pulses	Wheat, Garlic, Peas	20	24%	8	40%	12	73	-
12	FIS Shakrori	Sakrori Nallah: 5 lps, March 2020	Improvement	N	-	N31° 13' 26.9"	E77° 09' 10.6"	742 m	30.00	70	Maize	Wheat, Mix Vegetables	12	17%	4	33%	4	66	-
13	FIS Gharyana	Satluj River, March 2020	Improvement	N	0.50	N31° 14' 30.0"	E77° 06' 20.7"	693 m	20.00	85	Maize, Pulses	Wheat, peas	20	24%	6	30%	8	77	-
14	FIS Karyali	Bhoon ka Jhal: 2 lps Dumli Ki Kuhl: 8 lps, March 2020	Improvement	N	-	N31° 13' 43.3"	E77° 15' 19.8"	1399 m	17.00	60	Maize, pulses	Wheat, peas	15	25%	4	27%	5	55	-
15	FIS Ajeetpur	Kui Nallah: 8 lps, June 2020	Improvement	N	-	N30° 53' 42.8"	E77° 38' 43.2"	1311 m	15.00	54	Maize, Vegetables	Wheat, Tomato	10	19%	-	-	4	47	3
16	FIS Jhaladi to Gadda Gram	Jhaladi Nallah: 10 lps, June 2020	Improvement	N	-	N30° 52' 40.0"	E77° 38' 30.8"	1643 m	19.00	43	Maize, Pulses, Vegetables	Wheat, Tomato, capsicum	13	30%	4	31%	5	36	2
17	FIS Kui Nallah to Shillinia	Kui Nallah: 10 lps, June 2020	Improvement	N	-	N30° 53' 10.1"	E77° 38' 29.7"	1531 m	13.00	22	Maize, Puses, Vegetables	Wheat, Tomato, beans	7	32%	-	-	5	13	4
18	FIS Bharanu to Nalli	Bharanu Khad: 16 lps, June 2020	Improvement	N	1.00	N30° 57' 08.8"	E77° 40' 15.8"	1253 m	15.00	41	Wheat, Pulses, Vegetables	Wheat, Tomato, Beans	13	32%	-	-	5	33	3
19	FIS Dudhvi Nallah to Kandugad	Dudhvi Nallah: 10 lps, June 2020	Improvement	N	-	N31° 29' 19.9"	E77° 24' 26.0"	1695 m	8.00	55	Maize, Potato, Nurseries of Apple, Pulses	Wheat, Gram, Nerseries of apple	2	4%	-	-	-	50	5
20	FIS Kedas (Kandu) to Shavar	Out fall: 15 lps, March 2020	Improvement	N	-	N31° 27' 01.4"	E77° 33' 25.4"	1192 m	15.00	85	Maize, Palm, Potato, Pulses	Wheat, Gram, Palm, Veg.	20	24%	15	75%	15	70	-
21	FIS Kurpan Khad to Khatal	Kurpan Khad: 20 lps, March 2020	Improvement	N	-	N31° 24' 00.6"	E77° 34' 28.5"	884 m	7.00	15	Paddy, Potato, Mix Veg.	Wheat, Mix Veg.	5	33%	5	10%	5	10	-
22	FIS Buini Nallah to Kalaras	Buini Nallah: 12 lps, March 2020	New	N	-	N31° 30' 06.5"	E77° 34' 06.4"	1681 m	20.00	35	Maize, Potato, Paddy, Pulses	Wheat, gram, pulses, Veg.	10	29%	8	80%	8	27	-
23	FIS Pashad Nallah to Bari Lanj	Pashad Nallah: 15 lps, June 2020	New	N	1.5	N31° 27' 53.7"	E77° 30' 48.6"	1618 m	20.00	85	Maize, Paddy, Potato	Wheat, gram, pulses, Veg.	10	12%	8	80%	8	77	-
24	FIS Jood to Bhawana	Jood Nallah: 7 lps, June 2020	Improvement	N	1.5	N31° 06' 05.1"	E77° 05' 49.6"	1619 m	15.00	70	Paddy	Wheat	28	40%	14	50%	12	58	-
Total									476.00	1718			321		173		226	1475	17

AT 5-10

Chamba

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/F armers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Gohanana	Churi Nallah: 4 lps, June 2020	Improvement	N	1	N32° 29' 10.0"	E76° 10' 23.4"	1089 m	12.00	35	Maize	Wheat	7	20%	2	29%	2	31	2
2	FIS Tadgrawn	Tadgrawn Nallah: 6 lps, June 2020	Improvement	N	-	N32° 31' 35.5"	E76° 07' 58.5"	955 m	12.00	50	Maize	Wheat	5	10%	1	20%	1	45	4
3	FIS Kolka	Kolka Nallah: 7 lps, June 2020	Improvement	N	-	N32° 30' 43.9"	E76° 06' 55.0"	1516 m	12.00	55	Maize	Wheat	8	15%	2	25%	2	50	3
4	FIS Rupiana	Rupiana Khad: 20-25 lps, March 2020	Improvement	N	-	N32° 22' 05.1"	E76° 03' 54.9"	1331 m	10.00	35	Paddy	Wheat	4	11%	1	25%	1	30	4
5	FIS Naroli Nala to Hagga Kuther	Naroli Nallah: 7 lps, March 2020	Improvement	N	-	N32° 26' 27.9"	E76° 01' 39.1"	1233 m	35.00	30	Paddy	Wheat	5	17%	1	20%	1	24	5
6	FIS Tar Se Dharwai	Lohali Khad: 20 lps, March 2020	Improvement	N	2	N32° 20' 34.7"	E76° 06' 41.6"	1248 m	30.00	36	Paddy	Wheat	3	8%	1	33%	1	31	4
7	FIS Seri Dharna	Tundi Nallah: 10 lps, March 2020	Improvement	N	-	N32° 20' 01.2"	E76° 03' 28.9"	998 m	15.00	40	Paddy	Wheat	4	10%	2	50%	2	36	2
8	FIS Ritta Urehla	Sach Khad: 30 lps, June 2020	Improvement	N	1.80	N32° 28' 36.7"	E76° 10' 40.5"	1133 m	12.00	40	Maize	Wheat	4	10%	2	50%	2	35	3
9	FIS Bharodi	Bhatalwan Nalah: 18 lps, June 2020	Improvement	N	1	N32° 33' 10.4"	E76° 06' 31.0"	977 m	16.00	40	Maize	Wheat	10	25%	3	30%	3	34	3
10	FIS Nagori	Mehla Khadd: 200 lps, June 2020	Improvement	N	-	N32° 34' 07.7"	E76° 06' 06.9"	1011 m	25.00	25	Maize	Wheat	8	32%	2	25%	2	19	4
11	FIS Priyungal	Satsar: 6 lps, June 2020	Improvement	N	-	N32° 30' 40.1"	E76° 07' 00.6"	1535 m	11.00	70	Maize	Wheat	6	9%	1	17%	1	67	2
12	FIS Bhadsar	Dehgran Nallah: 10 lps, June 2020	Improvement	N	-	N32° 50' 29.1"	E76° 04' 09.4"	1999 m	24.00	60	Maize	Barley	7	12%	2	29%	2	54	4
13	FIS Kukren to Thanoti	Kukren Nallah: 40 lps, June 2020	Improvement	N	-	N32° 47' 42.0"	E75° 55' 44.3"	1701 m	35.00	90	Maize	Barley	5	6%	1	20%	1	85	4
14	FIS Nandan and Jusab	Gharat Nallah: 35 lps, June 2020	Improvement	N	1.80	N32° 42' 11.2"	E76° 02' 52.8"	1008 m	20.00	55	Maize	Wheat	4	7%	2	50%	2	46	7
15	FIS Dharmaran	Sua Nallah: 50 lps, June 2020	Improvement	N	-	N32° 47' 42.0"	E75° 55' 44.3"	1701 m	15.00	70	Maize	Barley	5	7%	1	20%	1	63	6
16	FIS Sanooh	Kali Mata Nallah: 50 lps, June 2020	Improvement	N	-	N32° 47' 31.4"	E75° 56' 19.3"	1734 m	12.00	40	Maize	Oil Seed/Barley	8	20%	2	25%	2	33	5
Total					7.60				296	771			93		26		26	683	62

Sirmour

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/F armers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Lohara Khala	Lohara Nallah: 6 lps, June 2020	New	N	-	N30° 39' 09.2"	E77° 25' 55.7"	984 m	10.00	16	Maize, Ginger, Mix Veg.	Wheat, Oat, Mix. Veg.	7	44%	1	14%	4	8	4
2	FIS Pandhara Choken	Pandhara Khad: 10 lps, June 2020	New	N	-	N30° 49' 51.2"	E77° 17' 33.3"	1303 m	15.00	30	Maize, Ginger, Mix Veg.	Wheat, Oat, Mix. Veg.	13	43%	3	23%	5	15	10
3	FIS Godia Chhuni	Chunji Khala: 8 lps, June 2020	New	N	-	N30° 43' 45.1"	E77° 17' 40.5"	1223 m	10.00	14	Maize, Ginger, Mix Veg.	Wheat, Oat, Mix. Veg.	6	43%	2	33%	3	6	5
4	LIS Chod Ka Malavan	Chod ka Malavan: 12 lps, June 2020	New	Y	-	N30° 52' 33.8"	E77° 17' 17.7"	1150 m	16.00	42	Maize, Ginger, Mix Veg., Pulses	Wheat, Oat, Mix. Veg., Pulses	16	38%	5	31%	12	15	15
5	LIS Tai Tisri Khad	Thanoh Nallah: 12 lps, June 2020	New	Y	-	N30° 53' 33.9"	E77° 20' 23.0"	1769 m	30.00	75	Maize, Ginger, Mix Veg., Pulses	Wheat, Oat, Mix. Veg., Pulses	30	40%	4	13%	10	45	20
6	LIS Bhool to Tikkri	Bhool Khurla, June 2020	New	Y	-	N30° 48' 17.0"	E77° 18' 47.7"	1389 m	18.00	100	Maize, Ginger, Mix Veg., Pulses	Wheat, Oat, Mix. Veg., Pulses	40	40%	6	15%	20	50	30
7	FIS Adwar	Suka Khad: 8 lps, June 2020	New	N	-	N30° 32' 34.8"	E77° 42' 16.3"	866 m	8.00	9	Maize, Ginger, Mix Veg.	Wheat, Oat, Mix. Veg.	3	33%	1	33%	2	5	2
8	FIS Patti Bass	Borad Khala: 12 lps, June 2020	New	N	-	N30° 34' 26.2"	E77° 44' 58.6"	994 m	8.50	15	Maize, Ginger, Mix Veg., Pulses	Wheat, Oat, Mix. Veg., Pulses	7	47%	2	29%	3	8	4
9	FIS Dhayan Khala to Thontha, Naya, Kafenu, Panjod, Kukdech, Bheev	Dhayan Nallah: 15 lps	New	-	1	N30° 42' 28.1"	E77° 36' 05.9"	1805 m	156.85	318	Maize, Ginger, Veg. Pulses	Wheat, Vegetables, Pulses, Oat	140	44%	10	7%	38	200	80
Total				3	1				272.35	619			262		34		97	352	170

Solan

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/F armers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out of total)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Chandpur	Ghornu Nallah: 8 lps, June 2020	New	N	-	N31° 10' 03.4"	E76° 56' 03.5"	1130 m	20.00	250	Maize, Paddy, Pulses	Wheat, Barley, Oil seed	100	40%	2	2%	20	170	60
2	FIS Manjhu Khad	Manshu Khad: 20 lps, June 2020	New	N	-	N31° 08' 04.1"	E76° 59' 51.3"	1016 m	40.00	100	Maize, Paddy, Pulses	Wheat, Barley, Oil seed, Mix Veg.	40	40%	2	5%	10	50	40
3	FIS Sari	Dagech: 10 lps, June 2020	New	N	-	N31° 11' 40.4"	E76° 57' 15.1"	1521 m	20.00	25	Maize, Mix Veg.	Wheat, Barley, Oil seed, Mix	10	40%	1	10%	5	10	10
4	FIS Beral	Beral Nallah: 7 lps, June 2020	New	N	-	N31° 19' 37.1"	E76° 56' 44.8"	695 m	10.00	55	Maize, Paddy, Pulses	Wheat, Barley, Oil seed	25	45%	2	8%	5	25	25
5	FIS Changer Chalama	Chalama Nallah: 6 lps, June 2020	New	N	2	N31° 12' 35.1"	E76° 50' 47.6"	1096 m	45.00	20	Maize, Ginger, Tomato	Wheat, Onion, Garlic	6	30%	1	17%	2	9	9
6	LIS Kolthi	Kolthi Nallah: 6 lps, June 2020	New	Y	-	N31° 02' 00.4"	E76° 58' 09.1"	920 m	10.00	70	Maize, Pulses	Wheat, Pulses, Mustard	30	43%	2	7%	10	40	20
7	LIS Mahog	Tandi Ka nallah Nallah: 15 lps, March 2020	New	Y	-	N30° 57' 57.6"	E77° 10' 23.0"	1539 m	45.00	40	Maize, Mix Veg.	Wheat, Mix Veg.	10	25%	5	50%	5	25	10
8	LIS Jhaja	Tandi Ka nallah Nallah: 15 lps, March 2020	New	Y	-	N30° 57' 53.5"	E77° 10' 23.4"	1562 m	25.00	45	Maize, Mix Veg.	Wheat	20	44%	1	5%	8	27	10
9	LIS Anji	Anji Ka Nallah: 7 lps, March 2020	New	Y	-	N30° 58' 21.3"	E77° 05' 41.3"	1248 m	13.00	15	Maize	Wheat	6	40%	1	17%	2	10	3
10	FIS Mahi	Kalon Ka Nallah: 12 lps, March 2020	New	N	-	N30° 57' 25.4"	E77° 06' 55.8"	1466 m	13.00	25	Maize	Wheat	9	36%	1	11%	4	14	7
11	LIS Bola	Dagan Ka Nallah: 15 lps, March 2020	New	Y	-	N31° 01' 37.7"	E77° 01' 36.9"	911 m	13.00	23	Maize	Wheat	10	44%	1	10%	3	10	10
12	FIS Redu	Kool Khud Methal: 5 lps, June 2020	New	N	-	N31° 06' 15.7"	E76° 42' 37.0"	410 m	100.00	183	Maize, Paddy	Wheat	80	44%	2	3%	23	80	80
13	FIS Gharwa Plasara	Perenial Source: 5 lps, June 2020	New	N	-	N31° 04' 47.0"	E76° 43' 48.5"	426 m	30.00	60	Maize, Paddy	Wheat	15	25%	1	7%	10	25	25
14	LIS Navti Thura	Chatyan ka Nallah: 6 lps, June 2020	New	Y	-	N30° 56' 47.8"	E76° 58' 48.6"	1051 m	11.50	28	Maize, Fooder	Wheat, Fooder	11	39%	2	18%	5	13	10
15	LIS Kanda Kathyadu	Kandoli Khad: 8 lps, June 2020	New	Y	1	N30° 55' 56.9"	E76° 59' 39.3"	1129 m	11.66	51	Maize, Fooder	Wheat, Fooder	16	31%	3	19%	11	25	15
16	FIS Dhayari- Dhalli-Jadari	Baandh Ka Nallah: 10 lps, March 2020	Improvement	N	-	N30° 57' 45.1"	E77° 05' 41.6"	1457 m	40.00	110	Maize, Fooder	Wheat, Fooder	50	45%	2	4%	20	50	40
17	FIS Sarawan	Stream: 7 lps, May 2020	Improvement	N	1	N30° 52' 41.1"	E77° 09' 32.8"	1562 m	20.00	35	Maize, Fooder	Wheat, Fooder	10	28%	1	10%	10	15	10
18	FIS Kailar	Nauni: 6 lps, June 2020	Improvement	N	-	N30° 54' 41.2"	E77° 04' 37.4"	1479 m	16.00	119	Maize, Fooder	Wheat, Fooder	55	46%	2	4%	19	65	35
19	FIS Khaldar (Ghatti)	Khaldar: 5 lps, June 2020	Improvement	N	-	N30° 55' 04.6"	E77° 03' 42.5"	1490 m	45.00	156	Maize, Fooder	Wheat, Fooder	70	45%	2	3%	26	70	60
20	FIS Bhumbak to Top ki Ber (Nau) (Manlog)	Bhumbak Nallah: 6 lps, June 2020	Improvement	N	-	N30° 55' 42.5"	E77° 02' 50.8"	1458 m	18.00	261	Maize, Fooder	Wheat, Fooder	110	42%	2	2%	40	121	100
21	FIS Rawan Ka ban to Choura (Sheel)	Rawan Ka Ban: 7 lps, June 2020	Improvement	N	-	N30° 55' 48.5"	E77° 02' 50.0"	1397 m	22.00	300	Maize, Fooder	Wheat, Fooder	120	40%	3	3%	50	180	70
22	FIS Chakli (Shawad to Dadla)	Shawad: 6 lps, May 2020	Improvement	N	1	N30° 56' 24.6"	E77° 02' 36.5"	1342 m	11.00	45	Maize, Fooder	Wheat, Fooder	20	44%	1	5%	6	20	19
Total				7	5				579.16	2016			823		40		294	1054	668

AT 5-13

Lahaul & Spiti

Sr. No.	Name & Type of Scheme	Source of Discharge (Observation : Month Year etc.)	New or Improvement	Solar Pump (Y/N)	Farm Access Road (Km)	GPS Location of Source			C.C.A (Hect.)	No. of farm Households/F armers	Major crops		Total Vegetable Farmers (% out of total farm HHs)		Commercial Vegetable Farmers (% out)		Dominant Farmers (Advanced/ Intermediate/ Conservative)		
						Latitude	Longitude	Elevation			In Kharif	In Rabi	Nos.	% age	Nos.	% age	Advanced	Intermediate	Conservative
1	FIS Panahi	Chanas Nallah: 55 lps, June 2020	New	N	-	N 32° 47' 43.7"	E 076° 43' 44.2"	3146 m	20.00	18	Potato, veg, pulses barley	snow No crop	12	67%	7	58%	5	10	3
2	FIS Dara Nallah (Jasrath)	Nalda Nallah: 60lps, June 2020	Improvement	N	-	N 32° 38' 11.3"	E 076° 51' 21.3"	2777 m	15.00	16	Potato, veg, pulses barley	snow No crop	11	69%	7	64%	7	6	3
3	FIS Telang Way	Shamsha Nallah: 50 lps, June 2020	Improvement	N	-	N 32° 36' 44.5"	E 076° 56' 07.4"	3315 m	30.00	10	Potato, veg, pulses barley	snow No crop	7	70%	4	57%	3	5	2
4	FIS Rawaling Kuhal	Perennial Source: 60 lps, June 2020	Improvement	N	-	N 32° 36' 46.6"	E 076° 55' 20.6"	3209 m	25.00	18	Potato, veg, pulses barley	snow No crop	12	67%	8	67%	4	11	3
5	FIS Grooni (Thakurti)	Jahlman Nallah: 80 lps, June 2020	Improvement	N	-	N 32° 37' 49.6"	E 076° 52' 34.0"	2991 m	30.00	10	Potato, veg, pulses barley	snow No crop	6	60%	5	83%	4	4	2
6	FIS Paadi	Jahlman Nallah: 75 lps, June 2020	Improvement	N	-	N 32° 37' 50.6"	E 076° 52' 31.3"	2978 m	30.00	10	Potato, veg, pulses barley	snow No crop	6	60%	5	83%	4	4	2
7	FIS Kardang	Peukas Nallah: 85 lps, June 2020	Improvement	N	-	N 32° 34' 00.0"	E 077° 01' 20.5"	3135 m	40.00	12	Potato, veg, pulses barley	snow No crop	8	67%	5	62%	5	5	2
8	FIS Murticha & Jagla	Perennial Source: 20 lps, June 2020	Improvement	N	-	N 32° 30' 20.6"	E 077° 03' 18.8"	3284 m	25.00	25	Potato, veg, pulses barley	snow No crop	15	60%	9	60%	7	16	2
9	FIS Rahling	Perennial Source: 18 lps, June 2020	Improvement	N	-	N 32° 30' 20.6"	E 077° 03' 18.8"	3284 m	25.00	18	Potato, veg, pulses barley	snow No crop	11	61%	6	54%	5	11	2
10	FIS Khurpani	Perennial Source: 15 lps, June 2020	Improvement	N	-	N 32° 30' 20.6"	E 077° 03' 18.8"	3284 m	20.00	17	Potato, veg, pulses barley	snow No crop	10	58%	6	60%	6	9	2
11	FIS Jobrang	Jobrang Nallah: 90 lps, June 2020	Improvement	N	-	N 32° 37' 02.5"	E 076° 52' 46.5"	2897 m	20.00	16	Potato, veg, pulses barley	snow No crop	11	68%	7	63%	7	6	3
12	FIS Purad	Spring: 45 lps, June 2020	Improvement	N	-	N 32° 30' 31.5"	E 77° 01' 48.4"	3231 m	30.00	20	Potato, veg, barley	snow bound No crop	13	65%	7	54%	4	12	4
13	FIS Madgran	Sangrana Nalla: 40 lps, June 2020	Improvement	N	-	N 32° 42' 50.8"	E 076° 40' 30.8"	2666 m	60.00	46	Potato, veg, barley	snow bound No crop	32	70%	21	65%	10	31	5
14	FIS Mayur Kuhl Gemoor	Kolong Nallah: 50 lps, June 2020	Improvement	N	-	N32° 36' 43.1"	E77° 08' 46.7"	3295 m	20.00	25	Potato, veg, barley	snow bound No crop	16	64%	10	62%	5	18	2
15	FIS Yarti (Tinno)	Perennial Nallah: 45 lps, June 2020	Improvement	N	-	N 32° 34' 50.9"	E 077° 07' 53.3"	3231 m	40.00	28	Potato, veg, barley	snow bound No crop	18	64%	11	61%	6	19	3
16	FIS Peukar	Perennial Nalla: 40 lps, June 2020	Improvement	N	-	N 32° 33' 43.5"	E 077° 04' 34.2"	3154 m	32.00	20	Potato, veg, barley	snow bound No crop	14	70%	10	71%	7	11	2
17	FIS Barbog	Peukar Nallah: 60 lps, June 2020	Improvement	N	-	N 32° 44' 43.2"	E 076° 38' 02.4"	3213 m	50.00	33	Potato, veg, barley	snow bound No crop	23	70%	17	74%	10	20	3
18	FIS Khangsar	Perennial Nallah: 20 lps, June 2020	Improvement	N	-	N32° 30' 20.6"	E77° 03' 18.8"	3284 m	42.00	21	Potato, veg, barley	snow bound No crop	13	62%	8	62%	7	11	3
19	FIS Shooling	Perennial Nallah: 26 lps, June 2020	Improvement	N	-	N32° 30' 20.6"	E77° 03' 18.8"	3284 m	30.00	45	Potato, veg, barley	snow bound No crop	30	67%	18	60%	12	28	5
20	FIS Dhawansa	Perennial Nalla: 60 lps, June 2020	Improvement	N	-	N 32° 36' 46.8"	E 076° 55' 22.2"	3121 m	30.00	15	Potato, veg, barley	snow bound No crop	11	73%	8	73%	5	8	2
21	FIS Gawazang	Bravy Nallah: 35 lps, June 2020	Improvement	N	-	N32° 33' 24.0"	E77° 00' 21.1"	3130 m	20.00	19	Potato, veg, barley	snow bound No crop	12	63%	7	58%	4	13	2
Total					0.00				634	442			291		186		127	258	57

AT-5-14

<p>Sample sub project No.: 1 Sample subproject Name: LIS Samella (New) District Name: Hamirpur</p>	<p>Date of Survey: 14.08.2020 Surveyor: Mr. Vivek Thakur, Mr. Pranav Gupta</p>
<p>(14 farmers were present in the discussion & out of 14, 4 were female & 10 were male)</p>	
	
<p>No.1: Discussion with farmers at village Samella, G.P Samella, Dsitrict Hamirpur (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Wheat crop)</p>
	
<p>No. 3: Existing cultivated field-2 (Maize)</p>	<p>No. 4: Closeup view of Expected water source.</p>
	
<p>No. 5: Expected water source namely Gawald Khad. Plenty of water is available in the khad and during dry season 70% of water remains in this khad.</p>	<p>No. 6: Photo with farmers during visit to water source.</p>

Sample sub project No.: 2 Sample subproject Name: LIS Balduhak (New) District Name: Hamirpur	Date of Survey: 13.08.2020 Surveyor: Mr. Vivek Thakur, Mr. Pranav Gupta
(11 farmers were present in the discussion & out of 11, 5 were female & 6 were male)	
	
No.1: Discussion with farmers at village Bihal, G.P. Balduhak, Dsitirct Hamirpur (H.P)	No. 2: Existing cultivated field -1 (Wheat crop)
	
No. 3: Existing cultivated field-2 (Turmeric)	No. 4: Closeup view of Expected water source namely Salasi Khad.
	
No. 5: Expected water source namely Salasi Khad. Plenty of water is available in the khad and during dry season 60% of water remains in this khad.	No. 6: Panorama view of discussion with farmers

Sample sub project No.: 3 Sample subproject Name: <i>STW Chattara (New)</i> District Name: <i>Una</i>	Date of Survey: 17.08.2020 Surveyor: Mr. Aman Rana, Mr. Shubham Jamwal
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(15 farmers were present in the discussion & out of 15, 10 were female & 5 were male. The source of water in this sub project is tubewell.



No.1: Discussion with farmers at village Chattara, G.P Chattara, Dsitrict Una (H.P)

No. 2: Discussion with farmers



No. 3: Existing cultivated field: Maize crop.

No. 4: Panorama view of CCA.



No. 5: Existing nallah near tubewell.

No. 6: Discussion with farmers

Sample sub project No.: 4
 Sample subproject Name: LIS Mandholi (New)
 District Name: Una
 Date of Survey: 18.08.2020
 Surveyor: Mr. Aman Rana, Mr. Shubham Jamwal

(14 farmers were present in the discussion & out of 14, 9 were female & 5 were male)



No.1: Discussion with farmers at village Mandholi, G.P Mandholi, Dsitric Una (H.P)



No. 2: Existing cultivated field (Maize)



No. 3: Expected Water Source: Mandholi Khad, 80% water remains in this source during dry season.



No. 4: Close up view of expected water source



No. 5: Panorama view of expected water source.



No. 6: Panorama view of CCA.

Sample sub project No.: 5 Sample subproject Name: <i>LIS Chanjota</i> (Improvement) District Name: <i>Bilaspur</i> (10 farmers were present in the discussion & out of 10, 4 were female & 6 were male)		Date of Survey: 14.08.2020 Surveyor: Mr. Aman Rana, Mr. Shubham Jamwal	
			
No.1: Discussion with farmers at village Chanjota, G.P Panjain Khurd, Dsistrict Bilaspur (H.P)		No. 2: Existing cultivated field -1 (Wheat crop)	
			
No. 3: Existing Kutcha Farm Access Road (Approx. length is 150 metres)		No. 4: Closeup view of Expected water source namely Ali Khad.	
			
No. 5: Expected water source namely Ali Khad. Plenty of water is available in the khad and during dry season 50% of water remains in this khad.		No. 6: Discussion with farmers	




No. 7: Existing water storage tank of approx. 15000 ltrs capacity.



No. 8: Existing cement concrete distribution channels

Sample sub project No.: 6 Sample subproject Name: LIS Dharbyain (New) District Name: Bilaspur	Date of Survey: 13.08.2020 Surveyor: Mr. Aman Rana, Mr. Shubham Jamwal
(16 farmers were present in the discussion & out of 16, 6 were female & 10 were male)	
	
No.1: Discussion with farmers at village Dharbyain, G.P Kuthera, District Bilaspur (H.P)	No. 2: Existing cultivated field -1 (Wheat crop)
	
No. 3: Existing Kutcha Farm Access Road (Approx. length is 800 metres)	No. 4: Closeup view of Expected water source namely Sauli Khad.
	
No. 5: Expected water source namely Sauli Khad. Plenty of water is available in the khad and during dry season 60% of water remains in this khad.	No. 6: Panorama view of discussion with farmers

Sample sub project No.: 7 Sample subproject Name: <i>FIS Kasan to Sanj (Improvement)</i> District Name: <i>Mandi</i>		Date of Survey: 18.08.2020 Surveyor: Mr. Vivek Thakur, Mr. Pranav Gupta	
(19 farmers were present in the discussion & out of 19, 12 were female & 7 were male)			
			
No.1: Discussion with farmers at village Sanj, G.P. Sanj, Dsitrict Mandi (H.P)		No. 2: Existing cultivated field -1 (Wheat crop)	
			
No. 3: Panorama view of CCA			
			
No. 4: Existing water source namely Kasan Khad. Plenty of water is available in the khad and during dry season 70% of water remains in this khad.		No. 5: Close up view of existing water source.	

Sample sub project No.: 8 Sample subproject Name: <i>FIS Suma to Shivabadar</i> (New) District Name: <i>Mandi</i>	Date of Survey: 17.08.2020 Surveyor: Mr. Vivek Thakur, Mr. Pranav Gupta
(16 farmers were present in the discussion & out of 16, 6 were female & 10 were male)	
	
No.1: Discussion with farmers at village Shivabadar, G.P. Shivabadar, District Mandi (H.P)	No. 2: Existing cultivated field -1 (Wheat crop)
	
No. 3: Panorama view of CCA	
	
No. 4: Expected water source namely Summa Khad. Plenty of water is available in the khad and during dry season 60% of water remains in this khad.	No. 5: Closeup view of expected Water Source.

Sample sub project No.: 9 Sample subproject Name: <i>FIS Manuni Kuhal (Improvement)</i> District Name: <i>Kangra</i>	Date of Survey: 13.08.2020 Surveyor: <i>Mr. Ronit Kumar, Mr. Rohit Kumar</i>
<i>(16 farmers were present in the discussion & out of 16, 3 were female & 13 were male)</i>	
	
No.1: Discussion with farmers at village Kaned, G.P Kaned, Dsitric Kangra (H.P)	No. 2: Existing cultivated field -1 (Paddy crop)
	
No. 3: Existing cultivated field-2 (Paddy crop)	No. 4: Closeup view of existing water source
	
No. 5: Existing water source namely Manuni Khad. Plenty of water is available in the khad and during dry season 70% of water remains in this khad.	No. 6: Existing Kutch channel (kuhal) constructed by farmers for taking water to their cultivated fields.



No. 7: Existing Kutcha Farm Access Road approx. length 2 Km.



No. 8: 2nd Closeup view of existing water source

<p>Sample sub project No.: 10 Sample subproject Name: LIS Balu Galoa (New) District Name: Kangra</p>	<p>Date of Survey: 14.08.2020 Surveyor: Mr. Ronit Kumar, Mr. Rohit Kumar</p>
<p>(11 farmers were present in the discussion & out of 11, 3 were female & 8 were male)</p>	
	
<p>No.1: Discussion with farmers at village Balu Galoa, G.P Balu Galoa, Dsitric Kangra (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Wheat crop)</p>
	
<p>No. 3: Existing cultivated field-2</p>	<p>No. 4: Closeup view of expected water source</p>
	
<p>No. 5: Expected water source namely Nakehar Khad. Plenty of water is available in the khad and during dry season 60% of water remains in this khad.</p>	<p>No. 6: Group Discussion with farmers</p>

Sample sub project No.: 11
 Sample subproject Name: FIS Bran Bihal Seri
 (Improvement)
 District Name: Kullu

Date of Survey: 13.08.2020
 Surveyor: Mr. Garvit Gupta, Mr. Vijay Kumar

(17 farmers were present in the discussion & out of 17, 2 were female & 15 were male)



Aug 13, 2020 4:39:05 PM
 National Highway 3
 Bran
 Kullu
 Himachal Pradesh

No.1: Discussion with farmers at village Bran Bihal Seri , G.P Bran, District Kullu (H.P)

No. 2: Existing cultivated field -1 (Tomato & Wheat crop)



Aug 13, 2020 4:26:0
 National High

No. 3: Existing cultivated field-2 (Apple Orchard)

No. 4: Closeup view of existing water source: Bran Nallah and water is available throught the year and 70% water remains in the source in dry season.



Aug 13, 2020 4:27:25 PM
 Unnamed Road
 Bran
 Kullu
 Himachal Pradesh

No. 5: Existing cultivated field-3 (Beans)

No. 6: Existing Water Source

<p>Sample sub project No.: 12 Sample subproject Name: <i>FIS Dobha Seri (Improvement)</i> District Name: <i>Kullu</i></p>	<p>Date of Survey: 14.08.2020 Surveyor: <i>Mr. Garvit Gupta, Mr. Vijay Kumar</i></p>
<p><i>(12 farmers were present in the discussion & out of 12, 5 were female & 7 were male)</i></p>	
	
<p>No.1: Discussion with farmers at village Dobha, G.P Baran, Dsitric Kullu (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Beans & Apple)</p>
	
<p>No. 3: Existing cultivated field-2 (Maize)</p>	<p>No. 4: Existing cultivated field-3 (Apple)</p>
	
<p>No. 5: Existing cultivated field-4 (Cabbage)</p>	<p>No. 6: Existing cultivated field-5 (Brinjal)</p>



No.7: Existing cultivated field-6 (Tomato)



No. 8: Existing cultivated field-7 (Maize crop)



No. 9: Existing Water Source: Bran Nallah. 70% water remains in dry season.



No. 10: Close up view of Existing Water Source and water is available throughout year.



No. 11: Existing cement concrete channel along the village path.



No. 12: Existing water channel.

Sample sub project No.: 13
 Sample subproject Name: FIS Bhuthi (New)
 District Name: Kullu
 Date of Survey: 13.08.2020
 Surveyor: Mr. Garvit Gupta, Mr. Vijay Kumar

(15 farmers were present in the discussion & out of 15, 6 were female & 9 were male)



No.1: Discussion with farmers at village Bhuthi, G.P Brahman, Dsistrict Kullu (H.P)



No. 2: Existing cultivated field -1 (Tomato crop)



No. 3: Existing cultivated field-2 (Cabbage)



No. 4: Harvesting of cauliflower



No. 5: Existing cultivated field-4 (Beans)



No. 6: Packing shop of farmer. Cauliflower has been packed and ready for sale.



No.7: Closeup view of existing cultivated field (Cabbage)



No. 8: Existing cultivated field-5 (Wheat crop)



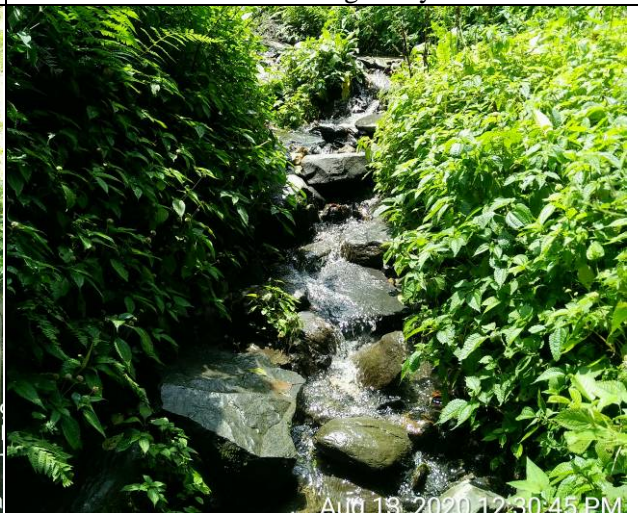
No. 9: Existing cultivated field-6 (Apple)



No. 10: Expected water source 1: Bhuthi Nallah and water is available throughout year.



No. 9: Expected water source 2: Kased Nallah and water is available throughout year in this source also and 75% water remains in dry season.



No. 10: Expected water source 2: Closeup view water in Kased Nallah.



No. 11: Existing Kutch channel used for taking water to the CCA.



No. 12: Existing pipeline used for taking water by an individual farmer to his field.



No. 13: Existing Kutch channel.

No. 14: Power tiller used by farmer for ploughing his field.

<p>Sample sub project No.: 14 Sample subproject Name: FIS Japrodan (Khawangi) (Improvement) District Name: Kinnaur</p>	<p>Date of Survey: 19.08.2020 Surveyor: Mr. Ajay Chaudhary, Mr. Rahul Ribalta</p>
<p>(22 farmers were present in the discussion & out of 22, 2 were female & 20 were male)</p>	
	
<p>No.1: Discussion with farmers at village Khawangi, G.P. Khawangi, District Kinnaur (H.P)</p>	<p>No. 2: Existing cultivated field-1(Peas)</p>
	
<p>No. 3: Existing cultivated field-2 (Ogla traditional crop)</p>	<p>No. 4: Existing cultivated field-3 (Potato)</p>
	
<p>No. 5: Existing water source: Showaling. Water is available throughout year but source freeze after September end due to very low temperature.</p>	<p>No.6: Field visit with farmers to source.</p>

Sample sub project No.: 15 Sample subproject Name: <i>FIS Nichla Bhaturi (Improvement)</i> District Name: <i>Kinnaur</i>	Date of Survey: 17.08.2020 Surveyor: Mr. Ajay, Mr. Rahul Ribalta
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(20 farmers were present in the discussion & out of 20, 5 were female & 15 were male)



No.1: Discussion with farmers at village Bhaturi, G.P. Sapni, District Kinnaur (H.P)



No. 2: Existing cultivated field-1(Apple & Beans)



No. 3: Existing cultivated field-2 (Beans)



No. 4: Existing cultivated field-3 (Apple)



No. 5: Existing water source: Bhaturi Nallah. Water is available throughout year.



No.6: Close up view of existing water source.

Sample sub project No.: 16 Sample subproject Name: FIS Rogfa to Kothi Kanda (Improvement) District Name: Kinnaur	Date of Survey: 19.08.2020 Surveyor: Mr. Ajay, Mr. Rahul Ribalta
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(15 farmers were present in the discussion & out of 15, 6 were female & 9 were male)



No.1: Discussion with farmers at village Kothi, G.P. Kothi, District Kinnaur (H.P)



No. 2: Existing cultivated field-1(Apple Orchard)



No. 3: Existing cultivated field-2



No. 4: Existing cultivated field-3 (Apple)



No. 5: Existing water source: Rogfa pond. Water is available throughout year.



No.6: Close up view of existing water source.

Sample sub project No.: 17	Date of Survey: 13.08.2020
Sample subproject Name: FIS Deothi Nallah to Keem (New)	Surveyor: Mr. Ajay Chaudhary, Mr. Rahul Ribalta
District Name: Shimla	

(9 farmers were present in the discussion & out of 9, 3 were female & 6 were male)



No.1: Discussion with farmers at village Deothi, G.P. Deothi, District Shimla (H.P)



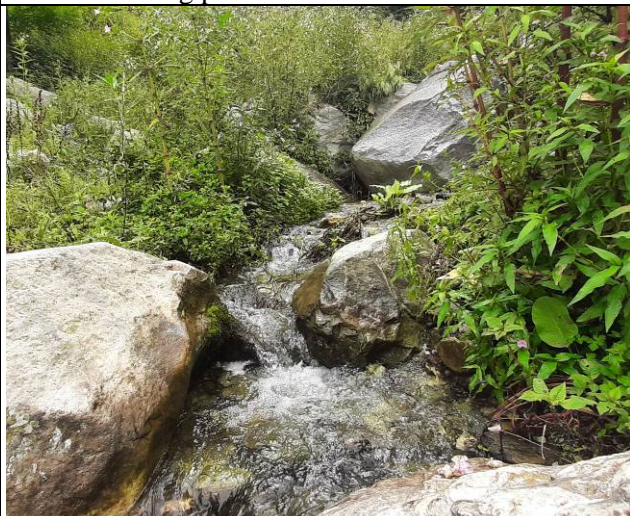
No. 2: Existing cultivated field-1(Beans &Apple)



No. 3: Existing part of CCA



No. 4: Existing cultivated field-2 (Rajmash)



No. 5: Expected water source: Deothi Nallah. Water is available throughout year.



No.6: Close up view of expected water source.



No.7: Field visit with farmers to expected water source.



No.8: Existing cultivated field-3 (Apple Orchard)

Sample sub project No.: 18 Sample subproject Name: FIS Jhaldi to Gadda Gram (Improvement) District Name: Shimla	Date of Survey: 15.08.2020 Surveyor: Mr. Ajay Chaudhary, Mr. Rahul Ribalta
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(21 farmers were present in the discussion & out of 21, 10 were female & 11 were male)



No.1: Discussion with farmers at village Ghara, G.P. Nerwa, District Shimla (H.P)

No. 2: Existing cultivated field-1(Maize)



No. 3: Existing cultivated field-2 (Tomato)

No. 4: Existing cultivated field-3 (Apple orchard)



No. 5: Existing water source: Jhaldi Nallah. Water remains throughout year in this source.

No.6: Field visit with farmers to source.



No.7: View of CCA.



No.8: Existing channel of Chir Pine made by farmers for taking water for irrigation.

Sample sub project No.: 19 Sample subproject Name: FIS Kolka (Improvement) District Name: Chamba	Date of Survey: 19.08.2020 Surveyor: Mr. Ronit Kumar, Mr. Rohit Kumar
(15 farmers were present in the discussion & out of 15, 4 were female & 11 were male)	
	
No.1: Discussion with farmers at village Palka, G.P Kolka, Dsitrict Chamba (H.P)	No. 2: Existing cultivated field -1 (Wheat)
	
No. 3: Existing cultivated field-2	No. 4: Existing water source: Kolka Nallah
	
No. 5: Close up view of existing water source. Water remains throughout year.	No. 6: Panorama view with farmers.

Sample sub project No.: 20 Sample subproject Name: FIS Bhadsar (New) District Name: Chamba	Date of Survey: 18.08.2020 Surveyor: Mr. Ronit Kumar, Mr. Rohit Kumar
(12 farmers were present in the discussion & out of 12, 5 were female & 7 were male)	
	
No.1: Discussion with farmers at village Bhadsar, G.P Dehgran, Dsitric Chamba (H.P)	No. 2: Existing cultivated field -1
	
No. 3: Existing cultivated field-2	No. 4: Existing cultivated field-3
	
No. 5: Existing cultivated field-4	No. 6: Expected Water Source: Dehgran Nallah.

Sample sub project No.: 21
 Sample subproject Name: FIS Dharmaran (New)
 District Name: Chamba
 Date of Survey: 17.08.2020
 Surveyor: Mr. Ronit Kumar, Mr. Rohit Kumar
 (13 farmers were present in the discussion & out of 13, 6 were female & 7 were male)



No.1: Discussion with farmers at village Dharmaran (Bhandal), G.P Sunuh, District Chamba (H.P)



No. 2: Existing cultivated field -1 (Wheat & Beans)



No. 3: Existing cultivated field-2



No. 4: Existing cultivated field-3 (Wheat crop)



No. 5: Expected water source namely Sua Nallah.



No. 6: Close up view of expected water source.

Sample sub project No.: 22 Sample subproject Name: <i>FIS Pandhara Choken</i> (New) District Name: <i>Sirmour</i>	Date of Survey: 18.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i>
(24 farmers were present in the discussion & out of 24, 8 were female & 16 were male)	
	
No.1: Discussion with farmers at village Choken, G.P. Kothya Jajar, District Sirmour (H.P)	No. 2: Existing cultivated field-1(Tomato)
	
No. 3: Existing cultivated field-2 (Maize intercropped with Marigold))	No. 4: Existing cultivated field-3 (Beans)
	
No. 5: Existing cultivated field-4 (Maize intercropped with capsicum)	No.6: Existing cultivated field-5 (Chrysanthemum)



No. 7: Panorama view of CCA



No. 8: Expected Water Source: Pandhara Khad and 50% water is available in dry season.



No. 9: Closeup view of expected water source.

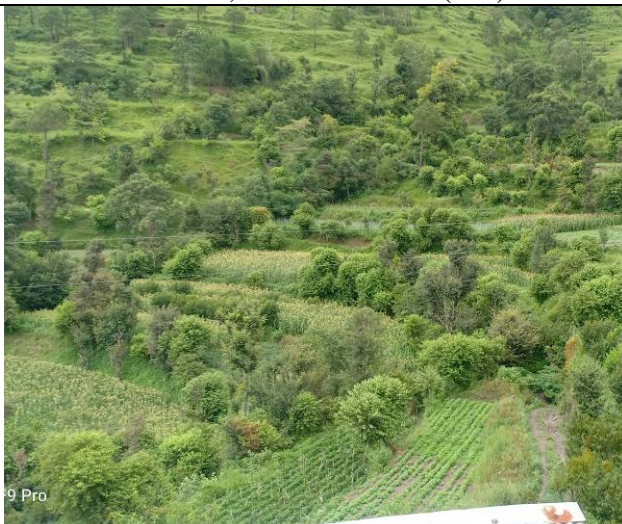
Sample sub project No.: 23 Sample subproject Name: <i>LIS Chod Ka Malawan</i> (New) District Name: <i>Sirmour</i>	Date of Survey: 17.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i>
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(19 farmers were present in the discussion & out of 19, 10 were female & 9 were male)



No.1: Discussion with farmers at village Chabiul, G.P. Thina Bisotri, District Sirmour (H.P)

No. 2: Farmers of the sub project area



No. 3: Existing cultivated field-1(Maize & Tomato)

No. 4: Existing cultivated field-2 (Tomato)



No. 5: Existing cultivated field-3 (Beans)

No.6: Existing cultivated field-4 (Peach Orchard)



No. 7: Expected water source namely Chod ka Malwan. Water in this source remains throughout year.



No. 8: Expected water source and 70 % water is available in dry season.



No. 9: Existing CCA.



No. 10: Portrait view of Expected Water Source.

Sample sub project No.: 24 Sample subproject Name: LIS Bhool to Tikkri (New) District Name: Sirmour	Date of Survey: 17.08.2020 Surveyor: Mr. Umesh Thakur, Mr. Hitesh Bhardwaj
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(21 farmers were present in the discussion & out of 21, 8 were female & 13 were male)



No.1: Discussion with farmers at village Tikkri Jajah, G.P. Neharjab, District Sirmour (H.P)

No. 2: Farmers of the sub project area



No. 3: Existing cultivated field-1(Maize)

No. 4: Existing cultivated field-2 (Beans)



No. 5: Existing cultivated field-3 (Tomato)

No.6: Existing cultivated field-4 (Beans)



No. 7: Expected water source namely Bhool ka Nallah. Water in this source remains throughout year and 20% water remains in dry season.



No. 8: Expected water source.

Sample sub project No.: 25 Sample subproject Name: FIS Dhayari- Dhalli- Jadari (Improvement) District Name: Solan	Date of Survey: 14.08.2020 Surveyor: Mr. Umesh Thakur, Mr. Hitesh Bhardwaj
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(15 farmers were present in the discussion & out of 15, 5 were female & 10 were male)



No.1: Discussion with farmers at village Jadari, G.P. Sirinagar, District Solan (H.P)



No. 2: Farmers of the sub project area



No. 3: Panorama view of existing cultivated field-1



No. 4: Existing cultivated field-2 (Ginger & Capsicum)



No. 5: Existing cultivated field-2 (Beans)



No. 6: Closeup view of existing water source namely Baandh ka Nallah. This is the perennial source of water.



No. 7: Existing water source. Water in this source remains throughout year.









No. 8: Existing channel which is damaged at most of the places.



No. 9: Existing Water storage tank but water cannot be stored in this tank due to leakages in many points.



No. 10: View of CCA.

<p>Sample sub project No.: 26 Sample subproject Name: FIS Kailar to Bajdol Kalan (Improvement) District Name: Solan</p>	<p>Date of Survey: 14.08.2020 Surveyor: Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</p>
<p>(13 farmers were present in the discussion & out of 13, 4 were female & 9 were male)</p>	
	
<p>No.1: Discussion with farmers at village Kailar, G.P. Dangri, District Solan (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Maize crop)</p>
	
<p>No. 3: Existing cultivated field-2 (Tomato crop)</p>	<p>No. 4: Existing cultivated field-3 (Cauliflower)</p>
	
<p>No. 5: Existing cultivated field-4 (Tomato & Pepper)</p>	<p>No. 6: Existing water source: Nauni Nallah</p>



No. 7: Existing cement concrete channel



No. 8: Existing cultivated field-5 (Maize crop)

Sample sub project No.: 27 Sample subproject Name: FIS Chakli (Shawad to Dadla) (Improvement) District Name: Solan	Date of Survey: 13.08.2020 Surveyor: Mr. Umesh Thakur, Mr. Hitesh Bhardwaj
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(17 farmers were present in the discussion & out of 17, 5 were female & 12 were male)



No.1: Discussion with farmers at village Chakli, G.P. Top Ki Ber, District Solan (H.P)



No. 2: Existing cultivated field -1 (Tomato crop)



No. 3: Existing cultivated field-2 (Wheat crop)



No. 4: Existing water source namely Rawan Ka Ban.



No. 5: Existing water storage tank of an individual farmer from this he is able to irrigate his nearby fields.



No. 6: Existing cement concrete channel.



No. 7: Females & Males participating in group discussion



No. 8: Existing cultivated field-3 (Tomato crop)

Sample sub project No.: 28 Sample subproject Name: <i>FIS Panahi (New)</i> District Name: <i>Lahaul Spiti</i>		Date of Survey: 17.08.2020 Surveyor: <i>Mr. Garvit Gupta, Mr. Vijay Kumar</i>	
(13 farmers were present in the discussion & out of 13, 5 were female & 8 were male)			
			
No.1: Discussion with farmers at village Balgot, G.P Chimrat, District Lahaul Spiti (H.P)		No. 2: Existing cultivated field -1 (Cauliflower)	
			
No. 3: Existing cultivated field-2 (Barley)		No. 4: Existing cultivated field-3 (potato)	
			
No. 5: Existing CCA		No. 6: Expected Water Source namely Chenas Nallah & 90% water remains in this source in dry season.	

Sample sub project No.: 29 Sample subproject Name: <i>FIS Mayur Kuhl Gemoor (Improvement)</i> District Name: <i>Lahaul Spiti</i>	Date of Survey: 16.08.2020 Surveyor: Mr. Garvit Gupta, Mr. Vijay Kumar
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(15 farmers were present in the discussion & out of 15, 6 were female & 9 were male)



No.1: Discussion with farmers at village Gemoor, G.P Kailong, District Lahaul Spiti (H.P)

No. 2: Existing CCA



No. 3: Existing cultivated field-1 (Potato)

No. 4: Existing cultivated field-2 (Peas)



No. 5: Existing cultivated field-3 (Apple & Potato)

No. 6: Existing cultivated field-4 (Potato)



No. 7: Existing cultivated field-4 (Cabbage)



No. 8: Existing Water Source namely Chaschi Nallah & 90% water remains in this source in dry season.



No. 9: Existing chamber for collecting water form kutchha channel.



No. 10: Source visit with farmers.

Sample sub project No.: 30 Sample subproject Name: <i>FIS Peukar</i> (Improvement) District Name: <i>Lahaul Spiti</i> (15 farmers were present in the discussion & out of 15, 4 were female & 11 were male)		Date of Survey: 18.08.2020 Surveyor: Mr. Garvit Gupta, Mr. Vijay Kumar	
			
No.1: Discussion with farmers at village Peukar, G.P Barbog, District Lahaul Spiti (H.P)		No. 2: Existing cultivated field-1: Cabbage	
			
No. 3: Existing cultivated field-1 (Potato)		No. 4: Existing cultivated field-2 (Potato) with sprinkler.	
			
No. 5: Existing cultivated field-3 (Peas)		No. 6: Existing cultivated field-4 (Bauccie)	



No. 7: Existing cultivated field-5 (Cabbage & onion)



No. 8: View of CCA.



No. 9: Existing Water Source namely Jungrang Nallah & 80% water remains in this source in dry season.



No. 10: Existing kutchra channel.

Attachment-5.3.2 Typical Land Holding Size in Sub-projects selected in the Sample Survey

Sr. No.	Name & Type of Scheme	District	Zone	Typical Holding Size (ha/FHH)
1	LIS Balduhak	Hamirpur	1	1.06
2	LIS Samella	Hamirpur	1	1.01
3	STW Chattara	Una	1	0.30
4	LIS Mandholi	Una	1	0.45
5	LIS Dharbyain	Bilaspur	1	1.38
6	LIS Chanjota	Bilaspur	1	0.98
7	FIS Kasan to Sanj	Mandi	2	0.61
8	FIS Suma to Shivabadar	Mandi	2	0.61
9	FIS Manuni Kuhal	Kangra	1	1.19
10	LIS Balu Galoa	Kangra	1	0.48
11	FIS Bran Bihal Seri	Kullu	3	1.17
12	FIS Dobha Seri	Kullu	3	0.72
13	FIS Bhuthi	Kullu	3	0.86
14	FIS Japroden	Kinnaur	4	1.25
15	FIS Nichla Bhatari	Kinnaur	3	0.96
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	0.94
17	FIS Deothi Nallah to Keem	Shimla	4	0.41
18	FIS Jhaldi to Gadda Gram	Shimla	3	1.32
19	FIS Kolka	Chamba	3	0.21
20	FIS Bhadsar	Chamba	3	1.78
21	FIS Dharmeran	Chamba	3	0.28
22	FIS Pandhara Choken	Sirmour	2	0.77
23	LIS Chod Ka Malavan	Sirmour	2	1.39
24	LIS Bhood to Tikkri	Sirmour	2	0.95
25	FIS Dhayari- Dhalli- Jadari	Solan	2	0.86
26	FIS Kailar	Solan	2	0.48
27	FIS Chakli	Solan	2	0.40
28	FIS Panahi	Lahaul Spiti	4	0.88
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	0.77
30	FIS Peukar	Lahaul Spiti	4	1.02

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.3 Cropping Pattern in Sub-projects selected in the Sample Survey

(Unit: %)

Sr. No.	Name & Type of Scheme	District	Zone	Rabi Season				Kharif Season				Total	
				Wheat	Others	Vegetables	Fruit Trees	Maize	Others	Paddy	Vegetables		Fruit Trees
				Total	Total	Total	Total	Total	Total	Total	Total		
1	LIS Balduhak	Hamirpur	1	80	15	5		100	55	30	10	5	100
2	LIS Samella	Hamirpur	1	80	10	10		100	80	10		10	100
3	STW Chattara	Una	1	100				100	100				100
4	LIS Mandholi	Una	1	100				100	100				100
5	LIS Dharbyain	Bilaspur	1	80		15	5	100	80	5		10	100
6	LIS Chanjota	Bilaspur	1	80		20		100	80			20	100
7	FIS Kasan to Sanj	Mandi	2	20	10	70		100	80	10		10	100
8	FIS Suma to Shivabadar	Mandi	2	60	10	25	5	100	80	10		5	100
9	FIS Manuni Kuhal	Kangra	1	90	5	5		100	10	10	75	5	100
10	LIS Balu Galoa	Kangra	1	85	5	5	5	100	80	5	5	5	100
11	FIS Bran Bihal Seri	Kullu	3	-	20	40	40	100	15	10		35	100
12	FIS Dobha Seri	Kullu	3	20		30	50	100	10	10		30	100
13	FIS Bhuthi	Kullu	3	20	10	70		100	10	20		30	100
14	FIS Japrodan	Kinnaur	4	20	10	10	60	100	20	20		60	100
15	FIS Nichla Bhaturi	Kinnaur	3	10	10	20	60	100	20	25		55	100
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	20	10	25	45	100	20	50		30	100
17	FIS Deothi Nallah to Keem	Shimla	4	5		45	50	100	30	45		25	100
18	FIS Jhaldi to Gadda Gram	Shimla	3	10	10	30	50	100	40	15		40	100
19	FIS Kolka	Chamba	3	30	55	15		100	80		10	10	100
20	FIS Bhadsar	Chamba	3	40	15	5	40	100	50	5		5	100
21	FIS Dharmeran	Chamba	3	95	5			100	95			5	100
22	FIS Pandhara Choken	Sirmour	2	30	30	40		100	40			50	100
23	LIS Chod Ka Malavan	Sirmour	2	5	5	60	30	100	20			80	100
24	LIS Bhood to Tikri	Sirmour	2	10	10	80		100	15			70	100
25	FIS Dhayari-Dhali-Jadari	Solan	2	10	5	85		100	10			80	100
26	FIS Kailar	Solan	2	10	5	85		100	10	10		75	100
27	FIS Chakli	Solan	2	20	5	75		100	30			60	100
28	FIS Panahi	Lahaul Spiti	4					0	15			85	100
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4					0	5			90	100
30	FIS Peukar	Lahaul Spiti	4					0				100	100

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.4 Annual Farm and Non-Farm Income in Sub-projects selected in the Sample Survey

(Unit: Rs/year)

Sr. No.	Name & Type of Scheme	District	Zone	Farm Income	Non-farm Income
1	LIS Balduhak	Hamirpur	1	200,000	800,000
2	LIS Samella	Hamirpur	1	40,000	30,000
3	STW Chattara	Una	1		30,000
4	LIS Mandholi	Una	1	20,000	50,000
5	LIS Dharbyain	Bilaspur	1	40,000	150,000
6	LIS Chanjota	Bilaspur	1	50,000	80,000
7	FIS Kasan to Sanj	Mandi	2	40,000	30,000
8	FIS Suma to Shivabadar	Mandi	2	50,000	180,000
9	FIS Manuni Kuhal	Kangra	1	50,000	15,000
10	LIS Balu Galoa	Kangra	1		35,000
11	FIS Bran Bihal Seri	Kullu	3	200,000	
12	FIS Dobha Seri	Kullu	3	250,000	
13	FIS Bhuthi	Kullu	3	150,000	
14	FIS Japroden	Kinnaur	4	300,000	100,000
15	FIS Nichla Bhatari	Kinnaur	3	500,000	200,000
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	200,000	50,000
17	FIS Deothi Nallah to Keem	Shimla	4	200,000	400,000
18	FIS Jhaldi to Gadda Gram	Shimla	3	180,000	300,000
19	FIS Kolka	Chamba	3	15,000	20,000
20	FIS Bhadsar	Chamba	3	35,000	20,000
21	FIS Dharmaran	Chamba	3		35,000
22	FIS Pandhara Choken	Sirmour	2	250,000	30,000
23	LIS Chod Ka Malavan	Sirmour	2	250,000	100,000
24	LIS Bhool to Tikkri	Sirmour	2	150,000	100,000
25	FIS Dhayari- Dhalli- Jadari	Solan	2	500,000	200,000
26	FIS Kailar	Solan	2	300,000	70,000
27	FIS Chakli	Solan	2	250,000	30,000
28	FIS Panahi	Lahaul Spiti	4	200,000	
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	300,000	40,000
30	FIS Peukar	Lahaul Spiti	4	200,000	

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.5 Spread of Farm Machinery, Transportation Means, and Irrigation Facilities etc. in the Sample Survey

Sr. No.	Name & Type of Scheme	District	Zone	Attachment		4-wheel tractor	Power tiller		Attachment		Rotavator	Attachment		Ridger	Knapsack-type sprayer with engine	Hand-type	Sprinkler System	Drip system	Processing unit	Solar pump	Well for irrigation	Vehicle	Motor cycle	Smart phone	Mobile phone	Livestock			
				Rotavator	Plough		Seed drill	Power tiller	Rotavator	Plough		Rotavator	Plough													Cow	Water buffalo	Goat/sheep	Poultry
1	LIS Balduhak	Hamirpur	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	2	2	3	2	4	4	
2	LIS Samella	Hamirpur	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	1	2	3	1	1	3
3	STW Chataara	Una	1	3	4	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	3	2	1	2	2	3	4
4	LIS Mandholi	Una	1	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	3	2	1	2	1	2	4	4
5	LIS Dharbyain	Bilaspur	1	3	4	3	4	3	4	3	3	4	2	4	2	2	3	4	2	2	3	3	2	1	3	1	3	3	3
6	LIS Charjota	Bilaspur	1	4	4	4	4	4	2	2	4	4	4	4	4	1	3	2	3	2	3	3	2	1	2	3	3	1	4
9	FIS Manuji Kuhl	Kangra	1	3	4	3	4	3	4	3	4	4	4	4	4	2	3	4	4	4	4	4	3	1	2	3	3	3	3
10	LIS Balu Gaboa	Kangra	1	3	4	3	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	3	3	3	3	3	3	3
7	FIS Kasan to Sanj	Mandi	2	3	4	4	4	4	4	3	4	4	4	4	4	3	4	4	4	4	4	4	3	2	1	1	4	4	4
8	FIS Suma to Shivbodar	Mandi	2	4	4	4	4	4	3	4	4	4	4	4	4	3	4	4	4	4	4	4	3	2	1	1	4	2	4
22	FIS Pandhara Choken	Sirmour	2	4	4	4	4	4	3	4	4	4	4	4	4	3	4	4	4	4	4	4	3	3	1	1	3	3	4
23	LIS Chod Ka Malavan	Sirmour	2	4	4	4	4	4	3	4	4	4	4	4	4	1	4	4	4	4	4	4	3	2	1	1	3	3	4
24	LIS Bhoor to Tikri	Sirmour	2	4	4	4	4	4	3	4	4	4	4	4	2	2	4	4	4	4	4	4	3	3	1	1	4	3	4
25	FIS Dhayari- Dhali- Jadari	Solan	2	4	4	4	4	4	2	4	2	4	2	4	3	1	4	3	4	4	4	4	3	2	1	1	3	4	4
26	FIS Kalar	Solan	2	4	4	4	4	4	2	2	2	2	2	2	2	1	4	4	4	4	4	4	3	3	2	1	4	4	4
27	FIS Chakli	Solan	2	4	4	4	4	4	2	4	2	4	2	4	3	2	4	4	4	4	4	4	3	4	3	2	1	4	4
11	FIS Bran Bhal Seri	Kullu	3	4	4	4	4	4	3	4	3	4	4	4	3	2	3	4	4	4	4	4	3	2	1	1	4	2	3
12	FIS Dobha Seri	Kullu	3	4	4	4	4	4	4	4	4	4	4	4	3	2	4	4	4	3	4	4	3	2	1	1	4	2	3
13	FIS Bhuthi	Kullu	3	4	4	4	4	4	2	2	4	4	4	4	3	2	3	4	4	3	4	4	3	2	1	1	4	2	3
15	FIS Nichla Bhaturi	Kinnaur	3	4	4	4	4	4	4	4	4	4	4	4	2	2	4	4	4	4	4	3	3	2	1	1	4	3	5
18	FIS Jhaldi to Gadda Gram	Shimla	3	4	4	4	4	4	2	4	2	4	2	4	3	1	2	4	4	4	4	3	2	1	2	4	3	3	3
19	FIS Kolka	Chamba	3	4	4	4	4	4	3	4	3	4	4	4	4	3	3	4	3	4	4	4	3	2	1	2	3	3	4
20	FIS Bhadsar	Chamba	3	4	4	4	4	4	3	4	3	4	4	4	3	2	3	4	3	4	4	4	3	3	1	1	2	2	3
21	FIS Dharmaran	Chamba	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	3	3	1	2	3	3	4
14	FIS Japrodan	Kinnaur	4	4	4	4	4	4	3	4	3	4	3	4	1	2	4	4	4	3	3	3	2	1	1	4	3	4	4
16	FIS Rogla to Kohi Kanda	Kinnaur	4	4	4	4	4	4	3	4	3	4	3	4	2	2	4	4	4	3	3	3	2	1	2	4	3	3	3
17	FIS Dvoini Nallah to Kcum	Shimla	4	4	4	4	4	4	3	4	3	4	3	4	1	1	3	4	4	4	3	3	2	1	2	4	3	3	3
28	FIS Panahi	Lahaul Spiti	4	3	4	4	4	4	2	4	2	4	4	4	2	2	4	4	4	4	4	4	3	2	1	1	4	2	4
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	4	4	4	4	4	2	2	4	4	4	4	3	2	2	4	4	3	4	4	3	2	1	1	4	3	4
30	FIS Peekar	Lahaul Spiti	4	4	4	4	4	4	2	2	4	4	4	4	2	1	2	4	4	3	4	4	3	2	1	1	4	2	4

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.6 Expectation to the Project

Sr. No.	Name & Type of Scheme	District	Zone	1st		2nd		3rd		4th		5th		6th		7th		8th		9th		10th	
				1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
1	LIS Balduhak	Hamirpur	1	2	2	1	3	1	1	2	1	2	1	2	1	2	1	2	1	2	1	2	3
2	LIS Samella	Hamirpur	1	2	2	1	3	2	2	3	2	2	1	2	3	1	1	2	3	1	1	2	3
3	STW Chhattara	Una	1	2	1	2	2	2	1	2	2	1	2	1	2	1	1	2	1	2	1	2	1
4	LIS Mandholi	Una	1	2	1	2	1	2	2	2	2	2	1	2	1	2	1	2	1	2	1	2	1
5	LIS Dharbayan	Bilaspur	1	2	1	2	1	2	1	2	3	2	1	2	1	2	1	2	1	2	1	2	1
6	LIS Chanjota	Bilaspur	1	2	2	2	1	1	1	1	1	2	1	2	1	2	1	2	1	2	1	2	1
9	FIS Manuni Kuhl	Kangra	1	2	1	2	2	2	1	2	3	2	2	1	3	1	3	1	2	1	2	3	2
10	LIS Balu Galoa	Kangra	1	2	2	2	2	3	1	3	2	2	1	3	2	2	2	2	2	2	2	2	2
7	FIS Kasan to Saraj	Mandi	2	2	1	1	2	2	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2
8	FIS Suma to Shivabadar	Mandi	2	2	3	3	1	2	2	2	2	2	2	2	3	1	1	2	2	2	2	2	2
22	FIS Pandhara Choken	Sirmour	2	2	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
23	LIS Chod Ka Malavan	Sirmour	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
24	LIS Bhoool to Tikri	Sirmour	2	2	1	2	1	2	1	2	1	2	1	2	1	2	2	2	2	1	1	2	1
25	FIS Dhayari- Dhalli- Jadari	Solan	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
26	FIS Kailar	Solan	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
27	FIS Chakli	Solan	2	2	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
11	FIS Bran Bihal Seri	Kullu	3	2	1	2	1	2	1	2	2	2	2	3	2	2	1	3	1	2	2	2	1
12	FIS Dobha Seri	Kullu	3	2	2	2	1	2	2	2	1	3	1	2	1	2	1	1	1	2	1	2	2
13	FIS Bhurhi	Kullu	3	2	1	2	1	2	1	2	1	3	1	2	2	1	2	1	2	1	2	1	2
15	FIS Nichla Bhatari	Kinnaur	3	3	1	3	1	3	2	3	1	3	1	3	2	2	3	2	3	2	3	1	3
18	FIS Jhaldi to Gadda Gram	Shimla	3	2	1	2	1	3	1	3	1	3	2	2	2	3	1	3	1	2	1	3	2
19	FIS Kolka	Chamba	3	3	2	4	2	2	1	2	1	2	2	1	3	1	2	2	1	4	2	3	2
20	FIS Bhadsar	Chamba	3	3	2	3	2	2	2	2	2	1	2	2	1	3	2	2	2	2	2	3	1
21	FIS Dharmaran	Chamba	3	2	1	2	2	3	2	3	2	3	2	2	3	2	2	2	2	1	2	1	3
14	FIS Japrodan	Kinnaur	4	3	1	3	2	3	1	3	2	2	1	3	3	3	2	3	1	3	1	3	3
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	3	1	3	1	2	2	3	2	3	2	3	1	3	2	2	2	3	3	3	1
17	FIS Deothi Nallah to Keem	Shimla	4	3	1	3	2	2	1	2	2	3	1	3	2	4	3	3	2	3	1	3	3
28	FIS Panahi	Lahaul Spiti	4	2	1	2	1	2	1	2	2	2	2	2	2	1	2	2	1	2	2	2	1
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	2	1	2	1	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	1
30	FIS Peukar	Lahaul Spiti	4	2	1	2	2	2	1	2	1	2	2	2	2	1	2	2	1	2	1	2	2

Note:

1. Utilization of irrigation water
 1. For food grains (wheat / maize / others)
 2. For vegetables
 3. For orchard trees
 4. For livestock
2. Expectation under Irrigation Condition
 1. Increment of production
 2. Improvement of quality
 3. Cultivation of more crops

Attachment 5.3.8 Constraints for Food Grains

Sr. No.	Name & Type of Scheme	District	Zone	1		2		3		4		5		6	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	LIS Balduhak	Hamirpur	1		11		11	11			11	11			11
2	LIS Samella	Hamirpur	1		14	14		14			14	14			14
3	STW Chattara	Una	1	15		15		15			15	15			15
4	LIS Mandholi	Una	1	14		14		14		14		14			14
5	LIS Dharbyain	Bilaspur	1	16		16		16		16		16			16
6	LIS Chanjota	Bilaspur	1	10		10		10		6	4	10			10
9	FIS Manuni Kuhl	Kangra	1	10	140	10	140		150	150			150	150	
10	LIS Balu Galoa	Kangra	1		80		80		80	80		80			80
7	FIS Kasan to Sanj	Mandi	2	18	1	16	3	10	9	19		19			19
8	FIS Suma to Shivabadar	Mandi	2		16		16	16		16		16			16
22	FIS Pandhara Choken	Sirmour	2	24			24	24		24			24	24	
23	LIS Chod Ka Malavan	Sirmour	2		19		19		19	4	15	19			19
24	LIS Bhoor to Tikkri	Sirmour	2		21		21	6	15		21		21		21
25	FIS Dhayari- Dhalli- Jadari	Solan	2		16		16	16		16		16			16
26	FIS Kailar	Solan	2		20		20	20		10	10	6	14		20
27	FIS Chakli	Solan	2		17	3	14	17		17			17		17
11	FIS Bran Bihal Seri	Kullu	3	12	5	12	5	17		17		8	9	17	
12	FIS Dobha Seri	Kullu	3	12		8	4	12		12		7	5	6	6
13	FIS Bhuthi	Kullu	3	15		12	3	15		15		12	3	15	
15	FIS Nichla Bhatari	Kinnaur	3	2	18	1	19	20		7	13	20		15	5
18	FIS Jhaldi to Gadda Gram	Shimla	3	10	11	3	18	21		15	6	21			21
19	FIS Kolka	Chamba	3		55		55	55		55			55	55	
20	FIS Bhadsar	Chamba	3		60		60	60		60		60			60
21	FIS Dharmeran	Chamba	3		70	70		70		70		70			70
14	FIS Japroden	Kinnaur	4		20		20	20		8	12	15	5	20	
16	FIS Rogfa to Kothi Kanda	Kinnaur	4		15		15	13	2	9	6	15		12	3
17	FIS Deothi Nallah to Keem	Shimla	4		10		10		10	8	2	8	2	10	
28	FIS Panahi	Lahaul Spiti	4	13		10	3	13		13		7	6		13
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4												
30	FIS Peukar	Lahaul Spiti	4												

Source: Sample Survey, Preparatory Survey Team, August 2020

1. Quality seeds are not available when we need.
2. Fertilizer is not available when we need.
3. Seeds are expensive.
4. Low yield
5. No visiting of extension officers
6. No training programmes

Attachment 5.3.9 Constraints for Vegetables

Sr. No.	Name & Type of Scheme	District	Zone	1		2		3		4		5		6	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	LIS Balduhak	Hamirpur	1	11			11	11		11		11		11	
2	LIS Samella	Hamirpur	1	14		14		14		10	4	14		14	
3	STW Chattara	Una	1												
4	LIS Mandholi	Una	1												
5	LIS Dharbyain	Bilaspur	1	16		16		10	6	16		16		16	
6	LIS Chanjota	Bilaspur	1	10		10		6	4	10		10		10	
9	FIS Manuni Kuhal	Kangra	1		150	10	140	150		150			150	150	
10	LIS Balu Galoa	Kangra	1		80		80	80		80		80		80	
7	FIS Kasan to Sanj	Mandi	2		19		19	19		16	3	19		19	
8	FIS Suma to Shivabadar	Mandi	2	16			16	16			16	16		16	
22	FIS Pandhara Choken	Sirmour	2		24		24	24		24			24	24	
23	LIS Chod Ka Malavan	Sirmour	2		19		19		19		19	19		19	
24	LIS Bhool to Tikkri	Sirmour	2		21		21	21		5	16		21		21
25	FIS Dhayari- Dhalli- Jadari	Solan	2		16		16	16		12	4	16		16	
26	FIS Kailar	Solan	2		20		20	20		7	13	6	14		20
27	FIS Chakli	Solan	2	1	16	1	16	16	1	16	1		17		17
11	FIS Bran Bihal Seri	Kullu	3	7	10	7	10	17		17		8	9	17	
12	FIS Dobha Seri	Kullu	3	12		8	4	12		12		7	5	6	6
13	FIS Bhuthi	Kullu	3	10	5	10	5	15		15		12	3	12	3
15	FIS Nichla Bhatari	Kinnaur	3		20		20	20		12	8	20		16	4
18	FIS Jhaldi to Gadda Gram	Shimla	3	10	11	1	20	21		10	11	21		21	
19	FIS Kolka	Chamba	3		55		55	55		55			55	55	
20	FIS Bhadsar	Chamba	3		60		60	60		60		60		60	
21	FIS Dharmeran	Chamba	3												
14	FIS Japroden	Kinnaur	4		20	2	18	20		12	8	16	4	18	2
16	FIS Rogfa to Kothi Kanda	Kinnaur	4		15		15	15		8	7	15		13	2
17	FIS Deothi Nallah to Keem	Shimla	4	8	2		10	10		8	2	10		10	
28	FIS Panahi	Lahaul Spiti	4	13		10	3	13		13		7	6		13
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	12	3	12	3	15		15		5	10	5	10
30	FIS Peukar	Lahaul Spiti	4	12	3	12	3	15		15		5	10	5	10

Source: Sample Survey, Preparatory Survey Team, August 2020

1. Quality seeds are not available when we need.
2. Fertilizer is not available when we need.
3. Seeds are expensive.
4. Low yield
5. No visiting of extension officers
6. No training programmes

Attachment 5.3.10 Constraints for Fruit Trees

Sr. No.	Name & Type of Scheme	District	Zone	1		2		3		4		5		6	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	LIS Balduhak	Hamirpur	1												
2	LIS Samella	Hamirpur	1												
3	STW Chattara	Una	1												
4	LIS Mandholi	Una	1												
5	LIS Dharbyain	Bilaspur	1												
6	LIS Chanjota	Bilaspur	1	10		10		7	3	4	6	10		10	
9	FIS Manuni Kuhal	Kangra	1												
10	LIS Balu Galoa	Kangra	1		80		80	80		80		80		80	
7	FIS Kasan to Sanj	Mandi	2												
8	FIS Suma to Shivabadar	Mandi	2		16		16	16		16		16		16	
22	FIS Pandhara Choken	Sirmour	2	14	10		24	24			24		24		24
23	LIS Chod Ka Malavan	Sirmour	2												
24	LIS Bhool to Tikkri	Sirmour	2												
25	FIS Dhayari- Dhalli- Jadari	Solan	2												
26	FIS Kailar	Solan	2												
27	FIS Chakli	Solan	2												
11	FIS Bran Bihal Seri	Kullu	3	17		17		12	5	17		8	9	17	
12	FIS Dobha Seri	Kullu	3	12		8	4	12		12		7	5	6	6
13	FIS Bhuthi	Kullu	3	15		15		15		15		12	3	15	
15	FIS Nichla Bhatari	Kinnaur	3		20		20	15	5	10	10	20		13	7
18	FIS Jhaldi to Gadda Gram	Shimla	3	5	16	1	20	16	5	18	3	21		18	3
19	FIS Kolka	Chamba	3												
20	FIS Bhadsar	Chamba	3												
21	FIS Dharmeran	Chamba	3												
14	FIS Japrodan	Kinnaur	4		20		20	20		10	10	20		20	
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	3	12	2	13	15		9	6	15		10	5
17	FIS Deothi Nallah to Keem	Shimla	4		10		10	2	8	9	1	10		6	4
28	FIS Panahi	Lahaul Spiti	4												
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	15		15		15		15		12	3	15	
30	FIS Peukar	Lahaul Spiti	4												

Source: Sample Survey, Preparatory Survey Team, August 2020

1. Quality seeds are not available when we need.
2. Fertilizer is not available when we need.
3. Seeds are expensive.
4. Low yield
5. No visiting of extension officers
6. No training programmes