



A FARMER FRIENDLY HANDBOOK



**GOVERNMENT OF HIMACHAL PRADESH
SCHEMES & PROGRAMMES 2017**

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STATE SCHEMES OF HIMACHAL PRADESH

1. Quality Seed Multiplication and Distribution:

Department owns 36 Government Farms where foundation seeds of Kharif and Rabi crops are produced. Annually about 3500 to 4000 quintals seed of cereals, pulses and vegetables are produced in these farms. Further about 90,000 quintals of certified seeds of various crops are distributed to the farmers in the state. At present 5 grading centres are in operation for various crops. Under this scheme, expenditure on seed multiplication farms, seed testing and certification, subsidy on cost of seeds and cost on demonstrations etc is incurred.

2. Manures and Fertilizers:

A. Distribution of Fertilizers:

The State Govt. has allowed cost subsidy on complex fertilizers DAP 18:46,NPK 12:32:16, NPK 10:26:26 and NPK 15:15:15 @ Rs.1000/-per MT. Apart from this cost subsidy @25% is also being provided on 100% water soluble complex fertilizers to the farmers (limited to Rs. 2500 per farmer). In order to ensure adequate supply of fertilizers, the Govt. has entrusted this responsibility to HIMFED/Cooperative Societies. The farmers are educated about balanced use of fertilizers and as per soil testing nutrient basis.

B. Soil Testing Centres:

Soil testing has great importance for raising agriculture production. The department is providing free soil testing facilities to the farmers. Department has 11 Soil Testing Laboratories besides seven mobile soil testing labs to provide free soil testing facilities to the farmers. The Government of India has launched a new scheme based on which the sample of soil shall be drawn on GPS basis. About 50,000 samples are analysed annually. Besides this, Soil Health Cards are being provided to the farmers. Soil testing service has also being included under H.P. Govt. Public Service Act, 2011 in which the soil health cards are being made available to the farmers through online service within prescribed time limit. To provide self-employment opportunities to youth, State Government has started a new scheme to establish Soil Testing Laboratories. Under this scheme, the Government will provide 40 % subsidy up to maximum project cost of Rs.25 lakh for establishment of such laboratories.

3. Plant Protection:

The Department exercises vigil on pest situation. To overcome this, about 150 MT of pesticides through sale centres are supplied to the farmers. Besides

this, Pesticide Testing Laboratory at Shimla has been set up with a capacity of 150 to 250 samples per year.



One Bio Control Laboratory has been set up at Palampur where conservation pest situation augmentation, rearing and multiplication of bio-agents and training to extension staff and farmers are being done. Another Bio Control Laboratory has been set up at Mandi and will be made functional very soon.

This is a continued scheme and the provision is made for meeting the expenditure on transportation and subsidy on the cost of plant protection material. The plant protection material including equipments are supplied to the SCs / STs / IRDP families at 50% cost. The outlay proposed is to meet expenditure on subsidies.

4. Commercial Crops:

Under diversification approach, major emphasis is being laid on the production of Off-season vegetables, quality vegetable seeds, Potato and Ginger besides Soybean, Oilseeds and Pulses.

A. Development of Seed Potato:

The Department owns 12 Potato Development Stations where foundation seed potato is produced. Due to “Seed Plot Technique” in the plains, the Potatoes of plains are causing tough competition in marketing of seed Potato from H.P. Therefore, a policy has been devised to diversify the area under Potato towards cash crop. Market maximum potato as table and produce only that much seed potato which can easily be marketed outside the State.

B. Development of Vegetables Including Farms:

Himachal Pradesh gained reputation for the cultivation of off-season vegetables and production of quality vegetable seeds. There is a great demand of offseason vegetables in the plains.



The ongoing programme i.e. cultivation of off-season vegetables and production of vegetable seeds is proposed to be strengthened and organized on an extensive scale for providing higher income and employment.

The suitable areas in the State for the purpose of vegetable cultivation would be intensively surveyed and identified and

the farmers in the newly identified areas would be encouraged to take up these programme, demonstration on vegetables cultivation are done for the small and marginal farmers in these areas, so that the farm income of these rural poor can be improved and country can be supplied with the vegetables in off-season. Annually about 16.0 lakh tonne vegetables are produced and marketed within and outside the State.

C. Ginger Development:

For production of disease free ginger, the Department is providing training, demonstrations and quality seed. About 35,000 tonnes of green ginger is produced annually which is marketed within the State and in the neighbouring States.

5. Quality Control:

Under this scheme, implementation of various acts on seeds, fertilizers and pesticides is ensured. Quality control functionaries have been notified. The Department has three fertilizer testing labs (Hamirpur, Sundernagar, Shimla), one State pesticides testing lab at Shimla, Biofertilizer and Biopesticide lab at Palampur and three seed testing labs (Solan, palampur and Mandi). 2000 fertilizer samples, 300 pesticide samples and 800 seed samples are being analysed annually.

6. Agriculture Marketing:

This is controlled in the State through H.P. Agricultural and Horticultural Produce Marketing (Development and Regulation) Act, 2005.

Under this Act, H.P. State Agricultural Marketing Board has been set-up. At present, 10 market committees are functioning. 45 markets have been made functional. Market information is being disseminated through different media i.e AIR Doordershan print media and through Net to farmers. The work of development of marketing infrastructure is done out of the funds of APMCs.



Information on daily market rates is also disseminated through AIR/ DD. Market rates of 39 commodities are also disseminated through agmarknet.nic.in.

7. HP Crop Diversification Promotion Project (JICA Oda Loan Project):

To encourage crop diversification in Himachal Pradesh a project in collaboration with Japan International Cooperative agency (JICA) has been started since June, 2011. The project area comprises 5 districts Kangra, Mandi, Hamirpur, Bilaspur and Una. The project period is 7 years i.e. 2011 to March, 2018 and the total project cost is Rs. 321 Crores (Loan Rs. 266 crores and State share Rs. 55 Crores).

Project Components:

1.	Infrastructure Development (Rs. 130.21 crores)	Development of new Micro-Irrigation Systems	172 No's	2816 ha. CCA
		Improvement of Minor Irrigation Systems	38	896 ha. CCA
Total			210	3712 ha.CCA
		Development and improvement of Farm Access Roads	147	100 km.
		Demonstration on Micro-Irrigation	52	1 Demonstration for 4 Projects
2.	Farmers Support Program (Rs. 32.02 crores)	1. Organisation of Farmers Groups. 2. Promotion of Organic Farming. 3. Vegetable Promotion Training. 4. Food grain Productivity Enhancement. 5. Post Harvest / Marketing. 6. Collection Centres (23Nos.)		
3.	Institutional Development (Rs. 34.41 crores)	1. Strengthening of Department of Agriculture, Setting up Project Management Units. 2. Strengthening of Extension Service, function and training of staff. 3. Baseline Survey / Impact Assessment/Monitoring. 4. Setting up of MIS/GIS.		
4.	Other Costs (Rs. 124.36 crores)	Contingencies, Price Escalation, Consulting services, General Administration, Tax and Duties, Commitment Charges, Interest		
Grand Total		JICA ODA Loan: Rs. 266.00 crores (90% Grant and 10% Loan) State Share: Rs.55.00 crores Rate of Interest on Loan: 1.4% Loan repayment period: 30 Years.		

8. Soil & Water Conservation:

Due to topographical factors, the soil is subject to splash, sheet and Gully erosion resulting into degradation of the soil.

Besides this, there is biotic pressure on the lands and to curb this menace particularly on the agricultural lands, the Department of Agriculture, H.P. is executing two Soil and Water Conservation schemes under State Sector Scheme. The schemes are:

- A. Soil Conservation Works
- B. Water conservation and development



9. Agriculture Research and Education:

Under this, GIA is given to Agriculture University for Teaching, Research & Extension. Emphasis is being laid on location specific research for adoption of the same by the farming community of the State.

10. Dr. Y. S. Parmar Kisan Swarozgar Yojna:

In order to achieve faster and more inclusive growth in Agriculture sector Government of Himachal Pradesh has started. “Dr. Y. S. Parmar Kisan Swarozgar Yojna” (Poly House and Micro Irrigation). Project components include creation of need based infrastructure and are expected to fulfil objectives of high productivity, quality, safeguard against adverse weather, efficient input use etc.

Project Components (2014-15 to 2017-18)

Sr.No.	Component	Nos.	Covered area
1	Poly Houses Framed structure	4700 Nos.	835350 Sqm..
2	Micro Irrigation (Sprinkler/Drip System Poly Houses as per feasibility)	2150 Nos.	820050 Sqm..
3	Low lift, medium lifts & pumping machinery 1 HP with poly houses as per feasibility.	870 Nos.	-
5	Total cost of civil works	Rs.10178.10 lakh.	
6	Farmers Sensitization, contingency and Cost Escalation.	Rs.940.45 lakh	
Total Project Cost		Rs.11118.55 lakh.	



Project components include construction of location specific models of poly houses with micro irrigation facility. For this, 85% project assistance shall be provided to the farmers. Also for creation for water sources individually and collectively by a

group of farmers (Low/medium lift, pumping machinery), 50% subsidy shall be provided.

11. Rajiv Gandhi Micro-Irrigation Scheme:

(EFFICIENT IRRIGATION THROUGH MICRO IRRIGATION SYSTEMS IN HIMACHAL PRADESH)

State Government is committed to promote Agriculture in the State by increasing the productivity of crops. For efficient system of irrigation, the Government has launched crucial Project named 'Rajiv Gandhi Micro-Irrigation Scheme' with an outlay of Rs.154 Crore over a period of 4 years. Through this Project, 8,500 hectare area will be brought under Drip/ Sprinkler Irrigation System benefitting 14,000 farmers. Farmers will get a subsidy of Rs.113 Crore during the project period. The project is under appraisal with NABARD under RIDF funding.

- A. 80% assistance shall be provided to individual farmer for Micro- irrigation Systems. The detail is as under :-

Sr. No.	Micro-Irrigation Systems	Lateral Spacing	Command Area (Ha.) range	Maximum Assistance (Rs.)
1.	Drip Irrigation System	1.20 m x 0.40 m	0.08 to 1.00Ha.	Rs. 15990/- to Rs. 145880/-
		0.80 m x 0.40 m	-do-	Rs. 21256/- to Rs. 193608/-
		0.60m x 0.40m	-do-	Rs. 25304/- to Rs. 242480/-
2.	Micro-Sprinkler System		0.08 to 1.00 Ha.	Rs. 15360/- to Rs. 85600/-
3.	Mini - Sprinkler Systems		0.16 to 1.00 Ha.	Rs. 29360 /- to Rs. 112400/-
4.	Portable		0.16 to 0.50 Ha.	Rs. 17488/- to

	Sprinkler Systems			Rs. 30776/-
5.	Semi-Permanent Sprinkler System		0.40 to 4.00Ha.	Rs. 40800/- to Rs. 128640/-
6.	Large Volume Sprinkler System		0.40 to 4.00Ha.	Rs. 37200/- to Rs. 229840/-

- B. 50% assistance for construction of shallow wells, shallow bore wells- Shallow well with minimum depth 8 m and diameter 2.45 m, limited to Rs. 70,000/- Shallow bore well with minimum depth 35 m and minimum diameter 125 mm limited to Rs. 1.0 lac .
- C. 50% assistance for lifting water with electric motor of 3 HP and 7.5 HP and above i.e. low and medium lifts, limited to Rs. 70,000/- and Rs. 2,00,000/- respectively.
- D. 50% assistance for pumping machinery. Model 'A' - Single phase mono block pump of 1 HP to 5 HP for pumping irrigation water, limited to Rs. 3310/- to Rs. 9255/-. Model 'B' - Three phase mono block pump set centrifugal of 3 HP to 15 HP for tanks, limited to Rs. 7055/- to Rs. 16905/-. Model 'C' - Single phase Open well submersible pump set of 1 HP to 3 HP for shallow wells, limited to Rs. 5455/- to Rs. 7485/-. Model 'D'- Three phase agriculture open well submersible pump set of 2 to 10 HP, limited to Rs. 7235/- to Rs. 16520/- Model 'E1'- Bore well pump set with bore size 100 mm dia of 1 HP to 3 HP, limited to Rs. 9875/- to 14275/-. Model 'E2' - bore well pump set with bore size 150 mm dia of 7.5 HP, limited to Rs. 19,200/-.

12. Mukhya Mantri Kisaan Evam Khetihar Mazdoor Jeevan Suraksha Yojna

With a view to provide Insurance cover to the Farmers and Agricultural Labourers in the event of sustaining injury or death due to operation of farm machinery, the State Government has launched a Scheme called; 'Mukhyamantra Kisaan evam Khetihar MazdoorJeevan Surakhsha Yojna in 2015-16. In case of the death and permanent disability, a compensation of Rs.1.5 Lakh and in case of partial disabilities, compensation up to Rs.50,000 will be provided to the affected. A provision of Rs. 40.00 lakhs has been kept for 2017-18.

Scope of the Scheme

This Scheme is to provide compensation to the farmers and agricultural labourers in the event of sustaining injury or death during the operation of farm machinery. Farm machinery for this purpose include Tractors registered for Agricultural purpose, Power Tillers, Weeders, Power plough, Reaper cum Binder, Power Thresher, Chaffcutters, implements, tools, equipments installation & operation of tube well/bore well/pumping sets, low lifts. The scheme is limited to the domicile farmers and farm labourers and not to a worker/employee of any company/contractor.

This scheme shall cover the following incidents.

- I. Death or disablement of any farmers or agriculture labourer due to an accident occurred while working on the Farm, Machinery, Implements, Tools, Equipments etc. as per para 2 above at his home, farm or while carrying those machinery from home to farm and vice versa in the State of Himachal Pradesh. This also include Death or disablement of any farmer or farm labourer due to an accident occurred while, installing/operating Tubewell, Borewell, pumping set, low lifts etc.
- II. Death or disablement of any farmer or labourer due to electric current while installing, carrying and operating any power operated machinery;

Age Group:

The age group of the victims should not be less than 14 years.

Quantum of Assistance:

The claimants covered under the scope of this scheme shall be paid compensation as under:

Sr.No.	Effect of Accident	Compensation (in Rupees)
1.	Death	1,50,000
2.	Permanent disability due to breakage of back bone or otherwise.	50,000
3.	Amputation of two limbs/ permanent serious injury.	40,000
4.	Amputation of one limb (amputation of four fingers shall be deemed as loss of one limb)/ permanent serious injury.	30,000
5.	Amputation of full finger (up to 3 fingers)	20,000
6.	Partial Amputation of finger/thumb	10,000

13. Establishment of Centres of Excellence for Vegetable Nursery Production:

The state Government has started a scheme named ‘Establishment of Centres of Excellence for Vegetable Nursery Production’ by farmers to raise the vegetables seedling, flower and other valuable plants under controlled environment to provide better planting material to the farmers and to provide gainful employment to the farming youth. Under this scheme, construction work of two centres of excellence at Solan & Mandi District are in progress. One centre of excellence at Jubbarhatti of Shimla District is fully established & has start working.

14. Uttam Chारा Utpadan Yojna

With a view to increase fodder production in the State, The State Government has launched a scheme; ‘Uttam Chारा Utpadan Yojana’ for fodder development by bringing area under fodder production. Quality Seed of Fodder Grasses, Cuttings, Seedlings of Improved Fodder Varieties will be supplied on subsidised rates to the farmers. Chaff Cutters are important input for farmers. Subsidy on Chaff Cutters is

available to the SC/ST and BPL farmers. A provision of Rs.7.00 Crore has been kept for 2017-18.

15. Lift Irrigation and Borewell Scheme

In most parts of the State, water has to be lifted for irrigation purpose. As an incentive to the farmers, Government has decided to grant 50 per cent subsidy for construction of Lift Irrigation Schemes and installation of Bore-Wells by individual or group of farmers for irrigation purposes. A provision of Rs.10 Crore has been kept for 2017-18. The same will be increased as per the actual demand from the farmers.

16. Organic Farming

The State has diverse agro-climate conditions and due to its favourable positioning in the Himalayan region, has great scope for promotion of Organic farming. The use of chemical fertilizers and pesticides in the State is very low and 80% of the area is rainfed. The State Government formulated a Policy on Organic Farming in 2010 and has covered 39,440 farmers with an area of 21,603 ha under Organic farming. During current financial year 2,000 hectare additional area is being covered under organic farming. During current financial year 20,000 Vermi-Compost Units with 50 per cent assistance will be set up. This year Government will develop 200 bio-villages. To promote organic farming in the State, the Government has started **Mukhya Mantri Jaivik Kheti Puraskar Yojna** from this year.

17. Mukhya Mantri Khet Sanrakshan Yojna

Monkey and wild life menace causes huge loss to crops annually. Present practice of crop protection by manual guarding does not ensure 100 percent crop. Therefore, Government of Himachal Pradesh has introduced a new scheme “**Mukhya Mantri Khet Sanrakshan Yojna**”. Under this scheme the Government has enhanced the subsidy from existing 60% to 80% from this year. The farmer will be given option for installation of solar fencing by themselves provided that the technical specifications are full filled. The fence will be energized with the help of solar power or electricity. Current in the fence around the farms will be sufficient to keep away the stray animals, wild animals and monkeys from the farms. A budget provision of Rs. 30.00 Crore has been kept for 2017-18. This scheme is being executed through experienced 5 empanelled firms and department has approved costs per running meter for Regular Electric powered and Solar Electric Powered fencing.

The detail is as under:

a) Assistance under Solar Electric Fencing:

Sr. No.	Model	Perimeter of Fence (Running Meter)	No. of Strands & Height	Cost per Running Meter (Rs.)	Financial Assistance @ 80% (Rs.) per rmt.	Beneficiaries Share @20% (Rs.) per rmt.
1.	Model-1	100	5 Wires (1.50m)	1170	936	234
			7 Wires (2.10m)	1250	1000	250

			9 Wires (2.10m)	1280	1024	256
2.	Model-2	200	5 Wires (1.50m)	830	664	166
			7 Wires (2.10m)	910	728	182
			9 Wires (2.10m)	930	744	186
3.	Model -3	300	5 Wires (1.50m)	720	576	144
			7 Wires (2.10m)	800	640	160
			9 Wires (2.10m)	820	656	164
4.	Model-4	500	5 Wires (1.50m)	630	504	126
			7 Wires (2.10m)	700	560	140
			9 Wires (2.10m)	730	438	292
5.	Model-5	700	5 Wires (1.50m)	590	472	118
			7 Wires (2.10m)	670	536	134
			9 Wires (2.10m)	690	552	138
6.	Model-6	1000	5 Wires (1.50m)	570	342	228
			7 Wires (2.10m)	640	384	256
			9 Wires (2.10m)	660	396	264
7.	Model-7	1500	5 Wires (1.50m)	540	432	108
			7 Wires (2.10m)	610	488	122
			9 Wires (2.10m)	640	512	128

b) Assistance under Regular Electric Fencing :-

Sr. No.	Model	Perimeter of Fence of Agriculture Farm(Running Meter)	No.of Strands & Height	Cost per Running Meter (Rs.)	Financial Assistance @ 80% (Rs.)	Beneficiaries Share @20% (Rs.)
1.	Model-1	100	5 Wires (1.50m)	980	784	196
			7 Wires (2.10m)	1070	868	214
			9 Wires (2.10m)	1090	872	218

2.	Model-2	200	5 Wires (1.50m)	740	592	148
			7 Wires (2.10m)	820	656	164
			9 Wires (2.10m)	840	672	168
3.	Model -3	300	5 Wires (1.50m)	660	528	132
			7 Wires (2.10m)	730	584	146
			9 Wires (2.10m)	760	608	152
4.	Model-4	500	5 Wires (1.50m)	590	472	118
			7 Wires (2.10m)	670	536	134
			9 Wires (2.10m)	690	552	138
5.	Model-5	700	5 Wires (1.50m)	570	456	114
			7 Wires (2.10m)	640	512	128
			9 Wires (2.10m)	660	525	132
6.	Model-6	1000	5 Wires (1.50m)	540	432	108
			7 Wires (2.10m)	620	496	124
			9 Wires (2.10m)	640	512	128
7.	Model-7	1500	5 Wires (1.50m)	530	424	106
			7 Wires (2.10m)	600	480	120
			9 Wires (2.10m)	620	496	124

18. MUKHYA MANTRI GREEN HOUSE RENOVATION SCHEME:

Farmers of the state have demanded that there should be a scheme to replace the Poly sheets. Therefore, the Government of Himachal Pradesh has introduced a new scheme MukhyaMantri Green House Renovation Scheme. Under this scheme, 50 % subsidy will be provided to the farmers for the replacement of poly sheet after 5 years of setting up of polyhouse or damage due to natural calamities. A budget provision of 3.0 crore has been kept for the year 2017-18.