



*Government of Himachal Pradesh*

# **ANNUAL ACTION PLAN 2018-2019**

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Department of Agriculture, Himachal Pradesh, Krishi Bhawan, Shimla-171005

**DEPARTMENT OF AGRICULTURE**  
**HIMACHAL PRADESH**

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# DEPARTMENT OF AGRICULTURE HIMACHAL PRADESH ANNUAL ACTION PLAN, 2018-19

## 1. ABOUT AGRICULTURE DEPARTMENT:

The Department of Agriculture was established in the year of 1952. In the early years, the Department had to cater to the needs both of research and extension in respect of Agriculture and Horticulture crops. In 1970, the Horticulture wing of the Department was separated and a separate Horticulture Department was established to look after the needs of horticulturists in the State. In 1971, Government entrusted the work of research to Agriculture University.

The prime objectives of the Department are as under:-

1. To provide farm advisory services and extension support for adoption of new farm technology for increasing agriculture production so that economy of the farmers is improved.
2. To provide logistic support to the farmers in the form of supply of inputs like seeds, fertilizers, plant protection material, implements etc.
3. To harness the Agro-ecological potential through adoption and production of cash crops.
4. To undertake Soil & Water Conservation measures on Agriculture lands and to create need based infrastructure like irrigation and encourage diversification towards production of cash crops.
5. To provide Agriculture marketing Services to the farmers.

The Department of Agriculture is headed by the Director of Agriculture with headquarter at Shimla. The Director of Agriculture is assisted by two Joint Director of Agriculture at Headquarter. One Additional Director of Agriculture has been sanctioned for North Zone at Dharamshala, District Kangra, who is monitoring all the activities in Kangra, Chamba, Una, Hamirpur and Mandi districts.

In each district (except Lahaul & Spiti and Kinnaur) the Deputy Director Agriculture is responsible for implementation of all Agriculture Development Programmes in the districts. In Lahaul, District Agricultural Officer at Keylong, in Spiti Division, Assistant Project Officer (Agr.) at

	<p>Kaza and in Kinnaur District, District Agricultural Officer at Reckong Peo is responsible for implementation of Agriculture Development Programmes. The Deputy Director of Agriculture in the district is assisted by the District Agricultural Officer, Regional Potato Development Officer and Subject Matter Specialists. With a view to strengthen the extension network at grass root level, one SMS, two ADOs and 5 to 8 AEOs are working in each Development Block. For Soil &amp; Water Conservation activities, 21 Sub Divisions are in existence and each Sub Division is headed by the Sub Divisional Soil Conservation Officer. These Sub Divisions are under the control of three Divisions with Divisional Headquarter at Shimla, Bhangrotu and Palampur, however, their administrative and financial control is with the Deputy Director of Agriculture of the District concerned. One Agriculture Extension Training Centre upgraded as State Agriculture Management Extension &amp; Training Institute (SAMETI) at Mashobra &amp; one Farmers Training Centre at Sundernagar headed by the Principal are in operation in the State and a number of training courses for the grass root functionaries viz. Agriculture Dev. Officers, Agriculture Extension Officers and farmers are being organized at these centres. Soil Testing laboratories headed by Soil Testing Officers in each district (except Lahaul-Spiti) are also functioning.</p>
<p><b>2. STATUS OF AGRICULTURE IN HIMACHAL PRADESH.</b></p> <p>- <b>Constraints, level of achievements and projections for the year 2018-19.</b></p>	<p><b>ACHIEVEMENT STATUS:</b></p> <p>Agriculture dominates the economy of the State although because of the mountainous terrain only a little over 10 percent of the total land area is cultivated. Population pressure on cultivated land is high and the holdings of most of the cultivators are small and scattered i.e. 88.00% of the farmers are small and marginal. Most of the holdings are self-cultivated. About 20% of the cultivated area is under irrigation and remaining 80% of the area is rainfed. The cultivation is carried out right from 300 to 3000 meters above sea level. Agro-climatically the region is more suitable for growing off-season vegetables and temperate fruits. Animal Husbandry and Fisheries also generate wealth and employment in Agriculture Sector.</p> <p>During the last 67 years of Planning, the food grain production has increased from 2 lakh MT to 15.92 lakh MT, Vegetable production from 0.25 lakh MT to 15.00 lakh MT (approx.).</p>

In spite of serious topographic limitations significant achievements have been made by the Agriculture Sector during the past. Concerted and dedicated efforts are being made to enhance production and productivity of different crops grown in the Pradesh. Efforts are also being made to put in place requisite infrastructure to promote cultivation of cash crops through diversification from cereals. Incentive is being provided to the farmers to adopt precision farming under protected conditions and adoption of micro-irrigation methods of irrigations. These efforts and incentives would safe guard farmers from the vagaries of weather and losses to the crops due to shortage of water. Efforts are also being made to promote cultivation of Niche crops for which agro climatic conditions are conducive. Concerted efforts are also being made to tackle the changes in climate due to global warming etc.

#### **HOLDINGS:**

Agriculture being main occupation of the people of Himachal Pradesh has an important role in the economy of the state. It provides direct employment to about 62% of the main working population. Income from the Agriculture and allied sectors accounts for nearly 9.40% of the total State Domestic Product. Out of the total geographical area of 55.67 lac. Hect, area of operational holding is about 9.56 lac. hect. owned by 9.61 lakh farmers. The average holding size is about 1.0 hect. Distribution of land holding according to 2010-11 Agriculture Census is tabulated below:-

<b>Size of holding(ha)</b>	<b>Category (farmers)</b>	<b>No. of holdings (Lacs)</b>	<b>Area (Lakh ha)</b>	<b>Average size of holdings (ha.)</b>
Below 1.0	Marginal	6.70(69.8%)	2.73(28.6%)	0.4
1.0-2.0	Small	1.75(18.2%)	2.44(25.6%)	1.4
2.0-4.0	Semi Medium	0.85(8.8%)	2.31(24.1%)	2.7
4.0-10.0	Medium	0.28(2.9%)	1.57(16.4%)	5.6
10.0 & above	Large	0.03(0.3%)	0.51(5.3%)	17.00
	<b>Total</b>	<b>9.61(100%)</b>	<b>9.56(100%)</b>	<b>1.0</b>

It would be seen from the above table that marginal and small farmers constitute 88.0% of total land holding. The semi-medium and medium holding together constitute 11.7% and the large holdings cover only 0.3%. Thus in Himachal Pradesh bulks of the holdings constitute small and marginal holdings. About 54.2% of the operational area belongs to the category of small and marginal farmers. Out of total number of 9.61 lac holdings in the state, 22.11% holding are with the scheduled castes and 5.83% with the scheduled tribes. About 13.82% of the operational area is with scheduled castes and 5.25% with the scheduled tribes. The average size of holding with scheduled caste and scheduled tribes is 0.62 and 0.90 Hect. respectively against state average of 1.0 Hect. The cropping intensity is about 174.7%. The cultivated area in the state is about 5.38 Lac. Hect. About 81.50% of the area under crops is rainfed and farmers have to depend on rain water for raising crops.

**CONSTRAINTS:-**

- Problem of erosion due to serious topographical and climatic factors and abiotic pressure on the Land.
- 80 % area is rainfed; therefore, the adoption rate of improved technologies and inputs by the farmers is less as compared to irrigated areas.
- Small and Scattered Land holdings. (88.0% of farmers are small/marginal).
- Occurrence of natural calamities like drought, cloud bursts, hailstorm, heavy rains, storms, unusual rise in temperature are quite frequent causing losses to crops.
- Squeezing of agricultural lands because of diversion to non-agricultural purposes.
- Inadequate infrastructure like rural roads, irrigation, marketing grading and packing facilities of Agricultural produce.
- Low risk bearing capacity and poor purchasing power of the farmers.
- Low productivity of crops
- Erratic behavior of rainfall.
- Limited mechanization.
- Increasing population of stray cattle and monkey menace.

**LOCATION AND EXTENT:**

Himachal Pradesh lies between 31 22'40" and 33 12' 40" N latitude and 75 45' 55" and 79 04' 20" E longitude, bounded by J&K in North, Punjab and Haryana in the South, Uttarakhand in the South East and Tibet in the East. It has been divided into four agro climatic zones.

**1. SHIWALIK HILL ZONE** (Sub Tropical, Sub Mountain and Low Hills): Comprising of upland of part of Chamba, Kangra, Hamirpur, Solan, Sirmour and Bilaspur District.

Climate Sub Tropical consists of foothills and valley area having elevation from 240 to 1000 meters above sea level. It occupies about 35% of the geographical area and about 33% of the cultivated area of the State. The major crops grown in this Zone are Wheat, Maize, Paddy, Black Gram, Sugarcane, Mustard, Potato, Vegetables, Pulses and Barley.

**2. MID HILL ZONE** (Sub Humid Mid Hills): Comprising of part of Chamba, Kangra, Mandi, Solan, Shimla and Sirmour District.

This zone extends from 1001meters to 1500 meters above sea level, having mild temperate climate. It occupies about 32% of the total geographical area and about 53% of the cultivated area of the State. The major crops are Wheat, Maize, Paddy, Black Gram, Barley and Beans, Pulses and Forages etc. This zone has very good potential for the cultivation of cash crops like off season Vegetables, Ginger and production of quality seeds of temperate vegetables like cauliflower and root crops.

**3. HIGH HILL ZONE** (Wet Temperate High Hills): Comprising of parts of Chamba, Kangra, Mandi, Sirmour district and inner most of Shimla and Kullu district.

This zone lies from 1501 to 2500 meters above sea level with humid temperate climate and alpine pastures. The commonly grown crops are Wheat, Barley, Lesser Millets, Pseudo- cereals (Buckwheat and Amaranthus), Maize, Rice and Potato etc. The area is ideally suited to the production of quality seed potato and temperate vegetables.

**4. COLD DRY ZONE** (Dry Temperate High Hills): Comprising of major parts of Chamba and Kinnaur, entire Lahaul-Spiti and northern parts of Kullu District.

This zone lies above 2500 meters above sea level. It occupies about 8% of the geographical area and 3% of the total cultivated area of the State. The major crops grown are Wheat, Barley, Rajmash, Pseudo cereals like Buckwheat, Amaranthus. It is ideally suited to the Production of quality seed potato, temperate and European type of vegetables and their seeds, seed potato and pea's seed.

**APPROCH FOR AGRICULTURE DEVELOPMENT:**

In view of the constraints and commitment for economic upliftment of the farmers through better utilization of the natural resources, the Department of Agriculture has reoriented its strategy where emphasis is being given on the production of high value crops like off- season vegetables, vegetable seeds, Potato, Ginger and Tea, besides increasing productivity of prime grain crops viz. Maize, Rice and Wheat. To disseminate the latest farm technology, the extension network has been restructured. Under this, each Development Block is headed by one SMS and assisted by two ADO's and 5 to 8 AEO's.

Water is the basic input for Agriculture production; thus, it has been envisaged to exploit irrigation potential with financial support from NABARD through RIDF.

To ensure integrated development in the field of vegetables production, the projectisation approach is being followed. At present, vegetables worth Rs. 3500 crores are being produced in the State. For commercialization of seed production of temperate vegetables, private sector is being encouraged.

For sustainable development in Agriculture, the watershed development approach shall be given greater emphasis besides Soil and water conservation measures. Rainwater harvesting through dams, farm ponds, tanks etc. has been given top priority so as to store rain water, recharge ground water, Check Soil erosion and provide life saving irrigation.

To ensure remunerative returns to the growers, the marketing network is being promoted besides post harvest handling, grading, packing and value addition. Modernization of Information Technology in Agriculture and Agri- business is being emphasized; Besides Organic Farming shall also be the focus area of development.



**PRIORITY AREAS :-**

1. Diversification of area from traditional crops to commercial crops where irrigation potential has been created. The farmers shall be motivated to produce organic vegetables without the use of pesticides and chemical fertilizers.
2. Development of rainfed areas through watershed approach on a large scale for efficient use of natural resources. Increased funding shall be arranged under RIDF.
3. Rainwater harvesting is another area, which will not only provide life saving irrigation to the crops but shall also recharge the ground water and check erosion. The Department shall seek financial assistance from Govt. of India for small irrigation tanks/shallow wells and pumping set.
4. Increase in maize productivity through high yielding hybrids.
5. Adoption of precision farming practices (Poly Houses and Micro Irrigation).
6. Project on diversification of Agriculture through Micro irrigation and related infrastructure in H.P
7. Organic farming shall be the thrust area.
8. Post harvest management and efficient marketing system.
9. Farm mechanization with special reference to hill agriculture shall be given major thrust in the years to come. This is necessary to reduce cost of cultivation in view of high cost of labour. The Department has already constituted a Technical Working Group to identify new farm implements and machinery, which can be introduced in the State.
10. A strong research extension interface directed towards problems oriented research programmes. Research projects to be identified and funded in problem areas.
11. Extension reforms through public-private partnership.
12. Agro processing and value addition.
13. Increase in productivity and quality.
14. Application of Biotechnology in the field of Agriculture shall be explored.
15. Soil testing and Soil Health Cards.
16. Continue with high Plan allocations to achieve 4% Growth in the Sector.

PHYSICAL TARGETS AND ACHIEVEMENTS ARE AS UNDER :-					
Sr. No.	Items	Unit	Year 2017-18		Year 2018-19
			Physical Targets	Achievements (Provisional)	Physical Targets
1	2	3	4	5	6
<b>1</b>	<b>Productions:-</b>				
1	Foodgrains	000 M.T.	1645.35	1592.93	1668.75
2	Vegatables	000 M.T.	1540.00	1540.00	1650.00
3	Potato	000 M.T.	200.00	200.00	195.00
4	Ginger(Green)	000 M.T.	32.70	32.70	35.00
<b>2</b>	<b>Distribution of High Yielding Variety Seeds:-</b>				
1	Cereals	M.T.	9500.00	8637.00	9500.00
2	Pulses	M.T.	480.00	112.00	480.00
3	Oilseeds	M.T.	230.00	19.00	230.00
	<b>Total:-</b>		<b>10210.00</b>	<b>8768.00</b>	<b>10210.00</b>
<b>3</b>	<b>Distribution of Fertilizer:-</b>				
1	Nitrogen (N)	M.T.	35000.00	36599.00	35000.00
2	Phosphorus (P)	M.T.	8500.00	9771.00	8500.00
3	Potassium (K)	M.T.	8000.00	11088.00	8000.00
	<b>Total:- (N+P+K)</b>	<b>M.T.</b>	<b>51500.00</b>	<b>57458.00</b>	<b>51500.00</b>
<b>4</b>	<b>Plant Protection Pesticides Consumption</b>	<b>M.T.</b>	<b>135.00</b>	<b>175.00</b>	<b>135.00</b>
<b>5</b>	<b>No. of Soil Samples to be analysed</b>	<b>No.s</b>	<b>50000</b>	<b>65000</b>	<b>50000</b>
<b>6</b>	<b>No. of Improved Agril. Implements to be distributed</b>	<b>No.s</b>	<b>120000</b>	<b>132500</b>	<b>120000</b>
<b>7</b>	<b>No. of Biogas plants to be installed</b>	<b>No.s</b>	<b>100</b>	<b>37</b>	<b>100</b>
<b>8</b>	<b>Area to be covered under Soil &amp; Water Conservation measures</b>	<b>Hect.</b>	<b>3600</b>	<b>3600</b>	<b>3600</b>

**C. NEW 20 POINT PROGRAMME 2006 FOR THE YEAR 2018-19:  
POINT NO.X ITEM NO.36**

<b>S.No.</b>	<b>Item</b>	<b>Units</b>	<b>Achievement 2017-18</b>	<b>Target* 2018-19 (Tent.)</b>
i)	Agriculture & Soil Conservation (10 A SC families assisted)	Nos.	1444	235
ii)	Agriculture & Soil Conservation (10 C ST families assisted)	Nos.	3614	3750

- Targets are fixed by respective Tribal Department and the SCSP Department.

## FINANCIAL OUTLAYS FOR ANNUAL PLAN, 2018-19:-

(Rs in Crore)

Head of Development	Annual Plan 2017-18		Annual Plan 2018-19 Outlay				
	Approved Outlay	Anti. Expdt.	General Plan	BASP	SCSP	TASP	Total
<b>Crop Husbandry</b>							
<b>2401 Agriculture</b>	<b>124.57</b>	<b>110.62</b>	<b>100.21</b>	<b>0.40</b>	<b>36.98</b>	<b>9.85</b>	<b>147.44</b>
A. General Plan	87.29	78.36	100.21				100.21
B. BASP	0.35	0.35		0.40			0.40
C. Total SCSP (i+ii)	31.33	26.57			36.98		36.98
i. SCSP	28.93	24.20			34.38		
ii. SCA to SCSP	2.40	2.37			2.60		
D. Total TASP (i+ii)	5.60	5.34				9.85	9.85
i. TASP	5.60	3.87				7.42	
ii. SCA for Tribal Pockets	0.00	1.47				2.43	
<b>Dry Land Farming</b>							
<b>2402 Soil &amp; Water Conservation</b>	<b>46.80</b>	<b>36.85</b>	<b>40.29</b>	<b>0.45</b>	<b>15.12</b>	<b>4.79</b>	<b>60.65</b>
A. General Plan	28.99	22.95	40.29				40.29
B. BASP	0.40	0.40		0.45			0.45
C. Total SCSP (i+ii)	12.58	10.15			15.12		15.12
i. SCSP	11.98	9.55			14.32		
ii. SCA to SCSP	0.60	0.60			0.80		
D. Total TASP (i+ii)	4.83	3.35				4.79	4.79
i. TASP	2.62	1.13				2.58	
ii. SCA for Tribal Pockets	2.21	2.22				2.21	
<b>2415 Total Agr. Resaerch &amp; Education</b>	<b>85.00</b>	<b>130.07</b>	<b>59.23</b>		<b>22.67</b>	<b>8.10</b>	<b>90.00</b>
A. General Plan	55.94	101.01	59.23				59.23
B. SCSP	21.41	21.41			22.67		22.67
C. TASP	7.65	7.65				8.10	8.10

**INCENTIVES TO THE FARMERS, 2018-19:**

For welfare of small and marginal farmers in the State Government is providing various types of incentives/assistance to farmers of the State :-

The State Government is providing Cost Subsidy on NPK complex Fertilizers @ Rs. 1000/-PMT and 25% cost subsidy on 100% water soluble complex Fertilizers (limited to Rs. 2500/- per farmers). In addition to this 50% subsidy on cost of Seeds, Pesticides and Agricultural Implements/Machinery is also being provided to SC/ST farmers at the freezed level of 2000-2001. Apart from the above, the following incentives are being given to all the categories of farmers under National Food Security Mission (NFSM), RKVY and Other Centrally Sponsored Schemes :-

1. Cluster Demonstrations on improve technologies of (100 hec. each) @ Rs.9000/-hect for Rice, Wheat, Pulses and Rs. 6000/hac. for Maize respectively. Cropping system based demonstrations (Rice-Wheat, Wheat-Maize, and Pulses-Maize) @ Rs.15000/- per hec.
2. **Seed Distribution:**
  - a) Assistance on Hybrid Seed of Rice @ Rs. 10000/- Per qtls or 50% cost whichever is less and assistance on Maize Hybrid Seed is Rs. 2800 per Quintal.
  - b) Assistance for distribution of HYVs seed of Rice and Wheat @ Rs. 2000/- Per qtls or 50% cost whichever is less.
  - c) Distribution of HYVs Seed of Pulses @ 2500/- per qtls or 50% cost whichever is less.
3. **Plant and Soil Protection Management :**
  - a) Assistance for Micronutrients @ Rs. 500/- Per Hac. or 50% cost whichever is less.
  - b) Assistance for Plant Protection Chemicals & Bio-agents @ Rs. 500/- Per Quintal or 50% cost whichever is less.
  - c) Assistance for Weedicides @ 500/- per hac. or 50% cost whichever is less.
  - d) Assistance on Power Weeders @ Rs.25000/- per Machine or 50% cost whichever is less.
  - e) Assistance on Multi Crop Threshers @ Rs.30, 000 /- per Machine or 50% cost whichever is less.
  - f) Assistance on Tractors:-
    - i) 8-20 horse power @ 50% of actual cost or Rs. 2.25 lakh which ever is less.
    - ii) 20-40 horse power @ 50% of actual cost or Rs. 3.00 lakh which ever is less.

- iii) 40-70 horse power @ 50% of actual cost or Rs. 5.00 lakh whichever is less.
- g) Rice Transplanter:-50% limited to Rs 1.50 lac to SC, ST, Women & Small & Marginal farmers and 40% limited to Rs 1.20 Lac for General farmers.
- h) Reaper cum Binder: - 50% limited to Rs 1.50 lac to SC, ST, Women & Small & Marginal farmers and 40% limited to Rs 1.20 Lac for General farmers.
- i) Power Tillers (above 8 Hp):- 50 % limited to Rs 0.85 lac to SC, ST, Women & Small & Marginal farmers and 40% limited to Rs 0.70 Lac for General farmers.
- 4. Efficient Water Application Tools:-**
- a) Incentive for Pump sets @ Rs 10,000/- per unit or 50% cost whichever is less.
- b) Financial assistance @ 50% of the cost limited to Rs. 50/- per meter for HDPE Pipes, Rs. 35/- per meter for PVC Pipes and Rs. 20/- per meter for HDPE laminated woven lay flat tubes with a maximum ceiling of Rs. 20,000/- per farmer (As per Govt. of India approved Cost Norms).
- c) Assistance on shallow borewell @ 50% limited to Rs. 1.10 Lakh.
5. Assistance for Cropping System Based Trainings (Four Sessions i.e. one before Kharif, one each during Kharif and Rabi Crops and One after Rabi Harvest) @ Rs. 3500/- per session / Rs. 14000/-training.
7. **Biogas Models** viz. Deenbandhu and Janta are being popularized on which subsidy @ Rs.7000/- per plant for 1 cubic meter and Rs.11000/- for 2-6 cubic meters and above capacity is being given.
8. **Local incentives :-**
- a) Assistance for construction of RCC tanks of cubic meter @ Rs.21000/- per tank or 50% of the cost whichever is less.
- b) Assistance for construction of R.C.C. Tanks of 20 cum capacity to individual farmer @ 50% limited to Rs. 36000/- per tank.
- c) Assistance for construction of R.C.C. Tanks of 50 cum capacity to individual farmer @ 50% assistance limited to Rs. 71000/- per tank.
- d) Assistance for Community Based Water Harvesting Pucca pond @ 1, 10,000 per ha.
9. The Department has provided 85% subsidy on the construction of poly houses to the individual farmers of the state and 50% subsidy for creating small and medium lift irrigation schemes. So, far 3276 No.s of Polyhouses has been set up in the State covering an area of 60.00 Hac. (approx.) since inception of the project till March,2018 and cumulative expenditure on subsidy/assistance

is Rs. 59.95 Crore. During the Financial Year 2018-19 addition area of 15 hac. (1250 No.s) would be brought under polyhouses with an outlay of Rs. 23.00 Crore.

10. Crop Insurance Schemes:- To save the farmers from the losses due to the natural calamities , the Govt. has introduced the Crop Insurance Scheme with two components which are as under:-

The Pradhan Mantri Fasal Bima Yojna (PMFBY) has been launched in the State from Kharif: 2016-17 season as per the Administrative approval and Operational guidelines issued by the Department of Agriculture, Ministry of Agriculture, Government of India.

In this insurance scheme, Maize and Paddy crops have been covered during Kharif Season, whereas Wheat and Barley crops in Rabi Season. The different stages of risks leading to crop loss due to Preventive sowing, Post harvest losses, Localized Calamities and losses to standing crops (from sowing to harvest) have also been covered under this new scheme. The scheme is compulsory to the Loanee farmers availing Seasonal Agricultural Operational (SAO) crop loans for the insurable crops from the Banks & Primary Agriculture Co-operative Societies (PACs) and optional for the Non-Loanee farmers who have sown the notified crops in the notified units of Tehsils/Sub-Tehsils. To increase the reliability and accuracy of Crop Cutting Experiments data, the new concept i.e Smart phones have been introduced in the State from Rabi season 2017-18. The budget provision has been made to the tune of Rs. 7 Crores during the current financial year.

During Kharif season maximum Insurance Charges payable by the farmer for the Cereal crops have been fixed at 2% of Sum Insured or Actuarial Premium Rate, whichever is less and in Rabi season the rates of insurance charges are 1.50% of Sum Insured or Actuarial Premium Rate, whichever is less.

**Restructured Weather Based Crop Insurance Scheme (R-WBCIS)**

The Government of India, Ministry of Agriculture has launched another Crop Insurance scheme from Kharif, 2016-17 season called “Restructured Weather Based Crop Insurance Scheme (R-WBCIS)”. The scheme intends to provide Insurance protection to the cultivators against weather incidence, such as Rainfall, Heat (Temperature), Relative Humidity, Hail Storm, Dry Spell etc. which are deemed to adversely affect the Crops during its cultivation period.

The scheme shall operate on the principle of “Area Approach” in selected notified Reference Unit Areas (RUA). Therefore, all insured cultivators of a notified crop in the notified

Reference Unit Area, i.e. Block shall be deemed to be at par so far as their terms of insurance coverage and assessment of compensation are concerned.

As per Pradhan Mantri Fasal Bima Yojna, this scheme is also compulsory to the Loanee farmers availing Seasonal Agricultural Operational (SAO) crop loans for the insurable crops. Potato, Ginger, Tomato, Peas, Garlic and Capsicum crops have been covered under Restructured Weather Based Crop Insurance Scheme in the state of HP.

Maximum Insurance premium payable by the farmer for the Commercial crops under R-WBCIS would be 5% of Sum Insured or actuarial rate, whichever is less. The difference between actuarial premium rate and the rate of Insurance charges payable by farmers shall be treated as Rate of Normal Premium Subsidy, which shall be shared equally by Centre and State Govts.

11. As far as Assessment of loss/shortfall in yield of insured crops of farmers is concerned, the assessment of loss/shortfall of yield is assessed through Crop Cutting experiments.
12. Soil testing is being done on GPS based drawl of Grid wise soil samples. After analysing of Sample the test result are uploaded in the online Soil Health Card part and to generate the Soil Health Card of Grid farmers, Soil Health Cards may be issued to all the farming families in the grid area.
13. Under the Mukhyamantri Khet Sanrakshan Yojna 80% financial assistance is provided to the farmers for fencing the farm.
14. With a view to provide insurance cover to the farmers and agricultural labuorers in the event of sustaining injuries or death due to operation of Farm machinery a compensation of Rs. 1.5 Lakh incase of death and permanent disability and in case of partial disabilities, compensation upto Rs. 50000 is provided under Mukhyamantri Kisan Eivam Khetihar Mazdoor Jeevan Suraksha Yojna.



## POLICY STRATEGY AND PROGRAMMES OF THE DEPARTMENT, 2018-19

S. No.	Name of the Scheme/Activity	Quarter-wise targets			
		First Quarter (April-June)	Second Quarter (July-September)	Third Quarter (Oct.-Dec.)	Fourth Quarter (Jan.-March)
1.	Report of Legislative Committees				
1. 2. 3. 4. 5. 6.	Rural Planning Committee. Public Accounts Committee Estimate Committee Assurance Committee Committee on subordinate Legislation Committee on Public Undertakings.	Follow up action and review	Follow up action and review	Follow up action and review	Follow up action and review
2.	Review of pending parliamentary/Legislative Assembly Question/Assurances and issues arising out of decisions of the Tribal Advisory Council and other similar Councils/Boards	Expeditious disposal of all the issues.	Expeditious disposal of all the issues.	Expeditious disposal of all the issues.	Expeditious disposal of all the issues.
3.	Finalization of Policies on important issues (Action on Budget Assurances/Govt. Manifesto and budget communication. (Budget Assurances & Govt. manifesto for the year 2018-19 are given in Annexure-“A & B”).	Submission of proposals to the Govt. for implementation of budget assurances and Govt. manifesto and communication of budget to the field officers and other quarters.	Follow up and review of progress.	Follow up and review of progress and finalization of excess and surrenders.	Exercise on re-appropriation and submission of the re-appropriation proposals to the Govt.
4.	Pattern of Subsidy	Submission of proposals to the Govt. for approval of the cabinet for	Follow up action on the announcement and	Follow up action on the announcement and	Submission of proposals to the Govt. for announcing the pattern

	announcement of policy on the pattern of subsidy for fertilizer, seeds, plant protection chemicals, equipments, biogas plants, agricultural implements and soil & water conservation where ever necessary.	review of progress.	review of progress.	of subsidy on fertilizers, seed, plant protection chemicals, equipments, agril. Implements if any.
5. Communication of Targets.	Communication of targets of all schemes to the field.	Review of physical achievements and issue of instructions to the field for corrective measures.	Review of physical achievements and feed back to the field.	Review of physical achievement and feed back to the field.
6. Administrative approval and financial sanction	Submission of cases for administrative approval and financial sanction to the Govt. and follow up action on the same.	Follow up action and review.	Follow up action and review.	Follow up action and review.
7. Preparation and monitoring of Annual Plan	Monitoring of the performance of annual plan.	Monitoring of the performance of annual plan.	Initiation of plan formulation for the next year annual plan & monitoring	Finalization of plan with the Planning Deptt. and the Tribal Deptt. To communicate the approved physical target for the next year plan to the field officers & monitoring.

8. R.I.D.F. (Rural Infrastructure Development Fund)	Execution of the schemes under RIDF and review of progress of achievements and submission of claims for reimbursement to the NABARD	Execution of the schemes under RIDF, review of progress and reimbursement proposals.	Execution of schemes and submission of proposals for reimbursement and seeking additionality if required. Preparation of proposals for the next financial year.	Execution of the schemes and settlement of reimbursement claims. Finali-zation of schemes for the next financial year.
9. Kharif & Rabi production campaigns.	Launching of Kharif production campaign alongwith effective linkages/coordination and monitoring of input supply management.	Submission of policy proposal on rabi production campaign to the Govt. and issue instructions to the field officers accordingly, besides making arrangements of inputs for distribution to the farmers and to ensure effective surveillance on the crops operations and prospects. To work out the contingency plan if needed.	To organize campaign, ensure adequate supply of inputs and monitoring of the same and address corrective measures and monitor of post harvest operations.	To continue the campaign, monitor performance and address corrective measures and to submit policy proposals on Kharif production campaign to the Govt. and issue instructions to all concerned accordingly.

10. Research Priorities.	Finalisation and communication of Research priorities to the HPKVV, Palampur, if any.	Follow up and monitoring.	Follow up and monitoring.	Follow up and submission of the report of the HPKVV Palampur to the Govt. for perusal.
11. Monitoring of progress under Pt. Deen Dayal Kisan Bagwan Samridhi Yojna.	Budget allotted and Physical targets	Monitoring of progress.	Monitoring of progress.	Monitoring of progress.
12. Centrally Sponsored Schemes.	To submit proposals to the Govt. for approaching the GOI to accord sanction in time and to communicate the same to this Directorate for implementation.	To implement/review the progress.	To implement/review the progress.	To implement/ review the progress. To submit proposals to the GOI for seeking administrative approval of scheme for next year.
13. 20 Point Programme.	Communication of physical targets point wise for different quarters of the year and to review the progress of previous year.	To review the progress.	To review the progress.	To review the progress.
14. Action Plan of Seed Multiplication Farms.	To review the performance of the farms for Rabi season and to finalize the farm plan for ensuing Kharif season.	To review the progress.	To review the progress and finalize the farm plan for rabi season.	To review the progress and initiate farm plan for Kharif season

15. Action Plan of RKVY	Sanction of projects under stream I & II.	Follow up action and review.	Follow up action and review.	Follow up action and review.
16. Grievances Redressal	Follow up action on grievances matters received and monitoring of the same.	Follow up action and review.	Follow up action and review.	Follow up action and review.
17. Audit Draft paras/Audit paras.	To settle paras and review.	To settle paras and review.	To settle paras and review.	
18. Preparation and review of Annual Action Plan(AAP)	1 <sup>st</sup> quarter review at HOD, Secretary level in July.	2 <sup>nd</sup> quarter review at HOD, Secretary level in October.	3 <sup>rd</sup> quarter review at HOD, Secretary level in January.	
19. Finalization of rate contracts with the controller of stores for various items.	To approach the controller of stores for finalization of rate contract for various items and intimate cases for the purchase of the same after sanction of the Government.	To make purchase and review.	To make purchase and review.	
20. Holding of DPC's for promotion/confirmation/proficiency increments.	Complete papers for holdings DPC's for promotion/confirmation are to be placed before DPC for consideration.	Any remaining DPC left over from first quarter for technical reason will be covered.	-	To start process for holding DPC in 1 <sup>st</sup> quarter of following.
21. Filling of vacant posts by direct recruitment vacant posts/newly created posts, if any.	To submit proposals to the Govt. for filling up of vacant posts.	1. To pursue the case with the Govt. for left out posts for	-	-

		<p>according permission for filling up the vacant posts.</p> <p>2. To refer the cases to HPPSC for filling vacant posts cleared by the HP Govt. where required.</p> <p>3. To fill in the vacant posts at Departmental level for which permission, if any, accorded by the Govt.</p>		
22. Continuation of Temporary posts.	To take up the case with the Govt. for according sanction for continuation of left out temporary posts.	-	-	To render the case to the Govt. for according sanction for the continuation of temporary posts for the next financial year.
23. Annual Confidential Reports.	Completion and review.	-	-	-

24. Recruitment and Promotion Rules.	Review of Status of R&P Rules of various categories and submission of the same to the Govt. if required.	-	-	-
25. Preparation of Annual Administrative Report.	-	-	-	To submit draft of the Annual General Administrative Report to the Govt. for approval and publication of the same for submission to the Vidhan Sabha during budget session.
26. Preparation of list of officers/officials retiring within a year.	List to be prepared and circulated.	List to be prepared and circulated.	To be prepared and circulated.	List to be prepared and circulated.
27. Finalizations of Seniority lists etc.	To be prepared and circulated.	To be prepared and circulated.	-	-
28. Appeals and Representations.	Review and Follow up.	Review and Follow up.	Review and Follow up.	Review and Follow up.
29. Vigilance/Suspension/Departmental Enquiry cases.	Review and Follow up.	Review and Follow up.	Review and Follow up.	Review and Follow up.
30. Transfers.	To make proposals and finalize.	Review and Follow up.	Review and Follow up.	Review and Follow up.

31. Court Cases/Supreme Court/High Courts/Administrative Tribunals.	Review and Follow up.	Review and Follow up.	Review and Follow up.	Review and Follow up.
32. Higher Studies of in-service Personnel's.	To demand list of eligible/interested officials for undergoing B.Sc.(Agr.)/M.Sc. (Agr.) course and Ph.D.	To finalize lists and sponsor candidates for the course.	To sponsor the candidates for Ph.D. course.	-
33. Updating the Service Books.	Review and Completion.	Review and Completion.	Review and Completion.	Review and Completion.
34. Departmental Employees Association.	With a view to ensure cordial relations between the Head of Department and the employees, such meetings would be convened atleast during each quarter or as per exigencies/requests by the associations. Implementation of the decisions/suggestions arrived at the meeting shall be reviewed from time to time but not later than three months.			



**WORK PLAN 2018-19**

Sl. No.	Target (Physical & financial) Initiatives/ Formulation of New schemes/ Training & Inspection Schedules.	Details of Plan of action/ Steps in preparation/ Achievements by end of first quarter i.e. end June, 2018.	Expected-Outcome/ Results /Achievements/ Follow-up action by December, 2018.	Achievements at end of year i.e. by March, 2019.
1	2	3	4	5
1.	<b>To enhance Production and Productivity of crops.</b>	<ul style="list-style-type: none"> <li>- Production and distribution of HYV Seeds.</li> <li>- 4080 M.T. High Yielding Variety Seeds shall be distributed during Kharif, 2018 or say by the end of June, 2018.</li> <li>- Distribution of 3193 M.T. fertilizer (NPK Nutrients) and 40.00 M.T. Pesticides/ Insecticides etc. will be ensured for Kharif, 2018.</li> </ul>	<ul style="list-style-type: none"> <li>- To achieve Production Targets of Kharif crops i.e. 8.85 lakh M.T.</li> <li>- 5580 M.T. improved seeds shall be distributed during Rabi, 2018-19 or say by the end of Dec., 2018.</li> <li>- Distribution of 38625 M.T. fertilizer (NPK Nutrients) and 100 M.T. Pesticides will be ensured/ distributed during Rabi, 2018-19.</li> </ul>	<ul style="list-style-type: none"> <li>- Targets of Kharif crops to be achieved.</li> <li>- Distribution of 6130 M.T. improved seeds during Rabi season to be achieved.</li> <li>- Distribution of 51,500 M.T. fertilizer (NPK Nutrients) and 135 MT Pesticides/ insecticides will be achieved.</li> </ul>
		<p><b><u>Extension Activities:-</u></b></p> <p><b>a)Training:-</b></p> <ul style="list-style-type: none"> <li>- Submission and approval of Work Plans.</li> </ul>	<ul style="list-style-type: none"> <li>- Farmers will be Trained = 7855 Nos.</li> <li>- Financial Achi. = Rs. 89.00 lakh.</li> </ul>	<ul style="list-style-type: none"> <li>- Training of 10580 Nos. of farmers of the state will be achieved.</li> <li>- Financial achievements = Rs. 115.00 lakh.</li> </ul>

Sl. No.	Target (Physical & financial) Initiatives/ Formulation of New schemes/ Training & Inspection Schedules.	Details of Plan of action/ Steps in preparation/ Achievements by end of first quarter i.e. end June, 2018.	Expected-Outcome/ Results /Achievements/ Follow-up action by December, 2018.	Achievements at end of year i.e. by March, 2019.
1	2	3	4	5
		<p><b>a) Demonstrations:-</b></p> <ul style="list-style-type: none"> <li>- Submission of work Plan to Govt. of India for approval.</li> <li>- Communication of Phy. &amp; Financial Targets to the field functionaries after getting it approved from Govt. of India.</li> <li>- 5045 Nos demonstrations under Rice, maize, nutri-cereals and pulses shall be laid out under NFSM.</li> </ul>	<ul style="list-style-type: none"> <li>- 2920 Nos. of Demonstrations regarding improved Technology would be laid on farmer's field under Ext. Reforms; Rs 116.68 lakh is expected to be spent.</li> <li>- 100% demonstration (Rice &amp; Wheat, Maize, nutri-cereals and Pulses) would be covered.</li> </ul>	<ul style="list-style-type: none"> <li>- Dissemination of New Agril. Technology.</li> <li>- Increase in Productivity.</li> <li>- 3959 Nos. Demonstration to be laid on farmer's field. Rs 156.36 lakh is expected to be spent.</li> <li>- 7349 hec. shall be covered under NFSM.</li> <li>- Rs. 5.25 crore under NFSM would be spent.</li> </ul>
	<p><b><u>New Initiatives/Innovative:-</u></b></p> <ul style="list-style-type: none"> <li>- Crop Diversification Promotion Project.</li> <li>- JICA (Technical) Co-operation Project.</li> </ul>	<ul style="list-style-type: none"> <li>- Project activities started Since March, 2011.</li> <li>- JICA-TCP phase-II, New project started in March, 2017 for 5 years.</li> </ul>	<ul style="list-style-type: none"> <li>- 191 No. of sub project completed.</li> <li>- 210 No.s sub-projects shall be completed in selected five district of JICA ODA projects.</li> <li>- Crop Diversification activities are being promoted in the complete sub- project</li> <li>- Capacity building of Core Extension Officers shall be</li> </ul>	<ul style="list-style-type: none"> <li>- 12 Offices of Project Management Units have been setup &amp; project activities are going on.</li> <li>- 210 No. Sub project shall be executed and 191 completed. 19 under construction shall be completed very shortly.</li> <li>- Crop Diversification activities are being promoted.</li> <li>- Guidelines for Crop Diversification shall be</li> </ul>

Sl. No.	Target (Physical & financial) Initiatives/ Formulation of New schemes/ Training & Inspection Schedules.	Details of Plan of action/ Steps in preparation/ Achievements by end of first quarter i.e. end June, 2018.	Expected-Outcome/ Results /Achievements/ Follow-up action by December, 2018.	Achievements at end of year i.e. by March, 2019.
1	2	3	4	5
	<ul style="list-style-type: none"> <li>- RKVY (ACA)</li> <li>- Gender friendly equipments.</li> </ul>	<ul style="list-style-type: none"> <li>- To finalize the model/RC.</li> <li>- About 15000 equipments will be distributed.</li> </ul>	<p>strengthen to promote Crop Diversification.</p> <ul style="list-style-type: none"> <li>- Implementation of activities up to 50%.</li> <li>- About 45000 equipments will be distributed.</li> </ul>	<p>formulated on sub-project basis.</p> <ul style="list-style-type: none"> <li>- Capacity building of Core Extension Offices have been developed on 4 priority and 9 priority would be cover this financial year.</li> <li>- Implementation of yearly work plan.</li> <li>- About 60000 women friendly equipments will be distributed.</li> </ul>
	<p><b><u>Micro Irrigation:</u></b></p>	<ul style="list-style-type: none"> <li>- 310 Hect. command area and 525 Farming Families shall be covered.</li> <li>- Rs. 75.00 Lakh shall be utilized.</li> </ul>	<ul style="list-style-type: none"> <li>- About 1572 farming families shall be benefited by covering 930.20 hecets. Command Area.</li> <li>- About 350 water augmentation structures shall be constructed for providing assured irrigation to the crops in the water scarce areas.</li> <li>- Rs. 237.00 Lakh budgets will be utilized.</li> </ul>	<ul style="list-style-type: none"> <li>- About 2100 farming families shall be benefited by covering 1240 hecets command area.</li> <li>- About 468 water augmentation structures shall be constructed.</li> <li>- Rs. 315.00 Lakh budget to be utilized.</li> </ul>

Sl. No.	Target (Physical & financial) Initiatives/ Formulation of New schemes/ Training & Inspection Schedules.	Details of Plan of action/ Steps in preparation/ Achievements by end of first quarter i.e. end June, 2018.	Expected-Outcome/ Results /Achievements/ Follow-up action by December, 2018.	Achievements at end of year i.e. by March, 2019.
1	2	3	4	5
	<p align="center"><b>Vegetable Production, Potato Production and Ginger (Green) Production.</b></p>	<p>Production Programme will be communicated to all the controlling officers of the Department in the Districts.</p>	<ul style="list-style-type: none"> <li>- Vegetable Prod. = 990.00 M.T.</li> <li>- Potato Prod. = 78.00 M.T.</li> <li>- Ginger Prod. = 35.00 M.T. (Green)</li> </ul>	<ul style="list-style-type: none"> <li>- Vegetable Prod. = 1650.00 M.T.</li> <li>- Potato Prod. = 195.00 M.T.</li> <li>- Ginger Prod. = 35.00 M.T. (Green)</li> </ul>
3.	<p><b><u>Sustainable Crop Production:-</u></b></p> <p><b>a) Organic Farming: Targets:</b></p> <ul style="list-style-type: none"> <li>- Vermi Composting Pits:</li> <li>- Promotion of Natural Farming.</li> </ul> <p><b>b) Soil Testing:</b> Phy. Targets: 50,000 Grid Sample  Soil Health Card Scheme</p>	<ul style="list-style-type: none"> <li>- Submission of Action Plan to Govt. of India for approval.</li> <li>- Communication of Phy. &amp; financial Targets to the field. Functionaries</li> <li>- Guidelines approved by the Government.</li> <li>- Targets withdrawn keeping in view the implementation of New Soil Health Card Scheme in the country.</li> </ul>	<ul style="list-style-type: none"> <li>- 50% of the Phy. &amp; Financial Targets are expected to be achieved.</li> <li>- To motivate the farmers to take-up natural farming.</li> <li>- To reduce cost of cultivation.</li> <li>- Soil Health Cards are being generated through online portal by GOI and 3.60 Lakh cards will be issued</li> </ul>	<ul style="list-style-type: none"> <li>- Availability of safe Agricultural Produce.</li> <li>- 100% Physical achievement.</li> <li>- Soil Samples 50,000 Nos. analysed on GPS based sampling.</li> <li>- Soil Health Cards 4.80 lakhs to be issued to all farmers family.</li> </ul>

Sl. No.	Target (Physical & financial) Initiatives/ Formulation of New schemes/ Training & Inspection Schedules.	Details of Plan of action/ Steps in preparation/ Achievements by end of first quarter i.e. end June, 2018.	Expected-Outcome/ Results /Achievements/ Follow-up action by December, 2018.	Achievements at end of year i.e. by March, 2019.
1	2	3	4	5
4.	<p><b><u>Inspections And Quality Control:-</u></b>  <b><u>Targets:-</u></b></p> <ul style="list-style-type: none"> <li>- Seed Samples = 700 Nos.</li> <li>- Fertilizer Samples=2000 Nos.</li> <li>- Insecticides/ Pesticides samples= 300 Nos.</li> </ul>	<ul style="list-style-type: none"> <li>- Communication of Targets to the field functionaries.</li> </ul>	<ul style="list-style-type: none"> <li>- Getting Quality Inputs.</li> <li>- Reduce the cost of Production.</li> <li>- Increase the Productivity of crops.</li> </ul>	<ul style="list-style-type: none"> <li>- Farmers will get Quality Inputs.</li> <li>- 100% Samples of Seeds, Fertilizers and Pesticides will be analysed.</li> </ul>
5.	<p><b><u>Soil And Water Conservation:-</u></b>  <b><u>Targets:-</u></b></p> <p>Area covered under Soil &amp; Water conservation measures in Agr.</p> <ul style="list-style-type: none"> <li>- Phy: 3600 Hects.</li> </ul>	<ul style="list-style-type: none"> <li>- Communication of Phy. &amp; Fin. Targets to the field functionaries.</li> </ul>	<ul style="list-style-type: none"> <li>- 75% of the Budget would be utilized.</li> </ul>	<ul style="list-style-type: none"> <li>- Increase in area under irrigation.</li> <li>- Agril. Land protected from soil erosion.</li> <li>- 100% of the budget will be utilized.</li> </ul>
6.	<p><b><u>Human Resource Development:-</u></b>  <b><u>Targets:-</u></b></p> <p>Training Schedule:</p> <ol style="list-style-type: none"> <li>a) Officials to be trained= 1108 Nos.</li> <li>b) Budget = 26.63 lakh.</li> </ol>	<ul style="list-style-type: none"> <li>- Finalization of Training schedule of the officials.</li> <li>- Communication of Training schedule to the concerned authorities.</li> </ul>	<ul style="list-style-type: none"> <li>- 831 Nos. of officials would be trained.</li> <li>- Rs. 20.00 lakh budget to be utilized.</li> </ul>	<p>Official Trained = 1108 Nos. Enhance the professional knowledge &amp; skill efficiency for better performance of an individual as well as Department as whole. Rs. 26.63 lakh to be utilized.</p>

Sl. No.	Target (Physical & financial) Initiatives/ Formulation of New schemes/ Training & Inspection Schedules.	Details of Plan of action/ Steps in preparation/ Achievements by end of first quarter i.e. end June, 2018.	Expected-Outcome/ Results /Achievements/ Follow-up action by December, 2018.	Achievements at end of year i.e. by March, 2019.
1	2	3	4	5
7.	<p><b><u>Monitoring &amp; Evaluation of the schemes:</u></b></p> <ul style="list-style-type: none"> <li>- Inspection of offices and fields.</li> </ul>	As per Annexure-“T”.		
8.	<p><b><u>Mechanization:-</u></b></p> <p>a) <b>Distribution of New Implements &amp; Machinery:</b>  Targets: - 1, 20,000 Nos.  Fin. :- 263.67 lakh</p>	<ul style="list-style-type: none"> <li>- Steps are being taken to provide improved/ Gender friendly implements to the farmers.</li> <li>- Communication of Phy. &amp; Fin. Targets to all the controlling officers in the districts</li> <li>- 20% of Phy. &amp; Fin. Targets will be achieved.</li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>- Farmers will get Implements &amp; Machinery as per latest technology.</li> <li>- 60% Phy. &amp; Fin. Targets will be achieved.</li> </ul>	<ul style="list-style-type: none"> <li>- Increased production. Reduce cost of Production.</li> <li>- 100% Phy. &amp; Fin. Targets will be achieved.</li> </ul>
9	<b>Touring to the Districts</b>	<ul style="list-style-type: none"> <li>- 3 tours to districts – HOD</li> <li>- 6 tours in the Distt. – Distt. Officer</li> </ul>	<ul style="list-style-type: none"> <li>- 9 tours to District – HOD</li> <li>- 18 tours in the Distt.- Distt. Officer.</li> </ul>	<ul style="list-style-type: none"> <li>- 12 tours to the district – HOD</li> <li>- 24 tours to the district - District Officer.</li> </ul>
10	<b>Systematic improvement.</b>	<p>Annual training plan to be prepared and implemented so as to develop capacity and skill of the functionaries.</p> <p>Efforts to decentralize the procuring of inputs directly from the suppliers. Deptt. shall sanction subsidy.</p>	-	-

**AGRICULTURE PRODUCTION PROGRAMME FOR KHARIF- 2018**

(District wise Physical Targets )

**1.FOODGRAINS:-**

During the year 2018-19 it has been envisaged to produce 1668.75 thousand tonnes of food grains, out of which 896.30 thousand tonnes of food grains are targeted to be produced during Kharif-2018 and the remaining 772.45 thousand tonnes are targeted to be produced during Rabi 2018-19. The District-wise targets in respect of area and production for Kharif-2018 are as under:-

(Area in 000 hect./production in 000MT)

S. No	District	Paddy		Maize		Ragi		Millets		Pulses		Total Kharif	
		A	P	A	P	A	P	A	P	A	P	A	P
1.	Bilaspur	1.40	2.40	27.00	68.35	-	-	-	-	0.50	0.48	28.90	71.23
2.	Chamba	2.15	3.80	26.00	65.80	0.03	0.03	0.80	0.60	2.00	1.95	30.98	72.18
3.	Hamirpur	2.00	3.50	30.00	76.00	-	-	-	-	0.50	0.48	32.50	79.98
4.	Kangra	36.50	65.00	57.40	144.40	-	-	0.20	0.15	2.70	2.60	96.40	212.15
5.	Kinnaur	0.05	0.09	0.50	1.30	0.10	0.11	1.10	0.80	1.00	0.99	2.75	3.29
6.	Kullu	1.00	1.70	15.00	38.00	0.40	0.42	0.55	0.40	1.80	1.75	18.75	42.27
7.	Lahul & Spiti	-	-	0.05	0.15	-	-	-	-	-	-	0.05	0.15
8.	Mandi	19.20	34.00	47.00	119.00	0.52	0.55	0.25	0.18	2.00	1.95	68.97	155.68
9.	Shimla	1.70	3.80	15.00	38.00	0.75	0.78	2.00	1.50	2.70	2.60	22.15	46.68
10.	Sirmour	4.80	8.45	24.00	60.75	0.20	0.21	0.10	0.07	2.00	1.95	31.10	71.43
11.	Solan	2.80	5.00	24.20	61.25	-	-	-	-	1.20	1.15	28.20	67.40
12.	Una	2.40	4.26	27.25	69.00	-	-	-	-	0.60	0.60	30.25	73.86
	<b>TOTAL:-</b>	<b>74.00</b>	<b>132.00</b>	<b>293.00</b>	<b>742.00</b>	<b>2.00</b>	<b>2.10</b>	<b>5.00</b>	<b>3.70</b>	<b>17.00</b>	<b>16.50</b>	<b>391.00</b>	<b>896.30</b>

**2. COMMERCIAL CROPS:-**

Potato, Vegetables and Ginger are the main commercial crops of the State. It is proposed to cover an area of 15 thousand hectare under Potato, 75 thousand hectare under Vegetables and 2.90 thousand hectare under Ginger(Green) with production targets of 195 thousand MT , 1650 thousand MT and 35.00 thousand MT (Green), respectively for the year 2018-19. The district-wise targets for Kharif-2018 are as under:-

(Area in 000 hect./production in 000MT)

S.No	District	Potato		Vegetable		Ginger	
		A	P	A	P	A	P
1.	Bilaspur	0.12	1.56	1.78	49.30	0.215	2.190
2.	Chamba	0.64	8.32	1.94	38.70	0.015	0.155

3.	Hamirpur	0.12	1.56	2.20	37.20	0.110	1.100
4.	Kangra	0.96	12.48	4.87	106.20	0.025	0.315
5.	Kinnaur	0.56	7.28	2.17	32.30	-	-
6.	Kullu	0.72	9.36	3.60	77.30	0.075	0.825
7.	Lahul & Spiti						
	i) Lahaul	1.00	13.00	1.92	26.50	-	-
	ii) Spiti	0.30	3.90	2.28	31.45	-	-
8.	Mandi	1.28	16.60	6.44	130.80	0.190	2.090
9.	Shimla	4.56	59.28	7.50	150.00	0.320	3.955
10.	Sirmour	1.12	14.56	5.10	118.80	1.450	17.695
11.	Solan	0.24	3.12	5.60	193.80	0.450	6.075
12.	Una	0.56	7.28	1.20	22.65	0.050	0.600
	<b>TOTAL:-</b>	<b>12.18</b>	<b>158.30</b>	<b>46.60</b>	<b>1015.00</b>	<b>2.90</b>	<b>35.00</b>

### 3. DISTRIBUTION OF HIGH YIELDING VARIETY (HYV) / QUALITY SEEDS:-

With a view to cover more and more area under HYV / Hybrid quality seeds during Kharif season, it has been envisaged to distribute 2560 MT. HYV. Seeds of Paddy, Maize, Pulses and Oil Seeds. The district-wise targets are as under:

S. No	District	(MT)				
		Paddy	Maize	Pulses	Oilseeds	Total
1.	Bilaspur	30.00	180.00	25.00	7.00	242.00
2.	Chamba	10.00	100.00	30.00	6.00	146.00
3.	Hamirpur	20.00	190.00	33.00	6.00	249.00
4.	Kangra	240.00	310.00	50.00	15.00	615.00
5.	Kinnaur	0.00	0.00	30.00	8.00	38.00
6.	Kullu	10.00	95.00	30.00	5.00	140.00
7.	Lahul & Spiti	0.00	0.00	10.00	0.00	10.00
8.	Mandi	180.00	250.00	42.00	15.00	487.00
9.	Shimla	10.00	45.00	50.00	7.00	112.00
10.	Sirmour	40.00	100.00	33.00	9.00	182.00
11.	Solan	20.00	100.00	27.00	8.00	155.00
12.	Una	40.00	100.00	30.00	14.00	184.00
	<b>TOTAL:-</b>	<b>600.00</b>	<b>1470.00</b>	<b>390.00</b>	<b>100.00</b>	<b>2560.00</b>



#### 4. AREA TO BE COVERED UNDER HIGH YIELDING VARIETY:-

During Kharif-2018 season, 205 thousand hectare area under maize and 62.00 thousand hectare area under paddy will be covered under HYV. The district-wise targets of area Maize and Paddy to be covered under HYV. are as under:-

(Area in 000.Ha.)

S.No	District	Paddy		Maize	
		Total area	Area under HYV	Total area	Area under HYV
1.	Bilaspur	1.40	1.00	27.00	21.00
2.	Chamba	2.15	1.80	26.00	16.00
3.	Hamirpur	2.00	1.70	30.00	20.00
4.	Kangra	36.50	30.00	57.00	44.00
5.	Kinnaur	0.05	0.05	0.50	0.50
6.	Kullu	1.00	0.90	15.00	12.20
7.	Lahul & Spiti	0.00	0.00	0.05	0.05
8.	Mandi	19.20	16.60	47.00	36.00
9.	Shimla	1.70	1.35	15.00	10.00
10.	Sirmour	4.80	4.20	24.00	14.00
11.	Solan	2.80	2.40	24.20	14.10
12.	Una	2.40	2.00	27.25	17.15
	<b>TOTAL:-</b>	<b>74.00</b>	<b>62.00</b>	<b>293.00</b>	<b>205.00</b>

#### 5. CHEMICAL FERTILIZERS:-

Fertilizer play major role in the crop production. Crop yields are directly proportional to the application of fertilizers. All the extension functionaries of the Department of Agriculture with the help of HIMFED / IFFCO at all levels will make sustained and dedicated efforts to popularize the use of Chemical fertilizer / Bio-fertilizers amongst the farming community. The district-wise targets of fertilizers to be distributed during Kharif-2018 season as given below:-

(MT)

S.No	District	N	P	K	Total
1.	Bilaspur	1055	180	120	1355
2.	Chamba	780	45	50	875
3.	Hamirpur	1775	170	135	2080
4.	Kangra	3580	580	400	4560
5.	Kinnaur	75	25	35	135
6.	Kullu	615	175	165	955
7.	Lahul & Spiti	160	65	45	270

8.	Mandi	2550	290	225	3065
9.	Shimla	1110	260	350	1720
10.	Sirmour	1180	130	50	1360
11.	Solan	1460	180	95	1735
12.	Una	2360	300	230	2890
	<b>TOTAL:-</b>	<b>16700</b>	<b>2400</b>	<b>1900</b>	<b>21000</b>

## 6. BIO-FERTILIZERS:-

Organic farming is beneficial in many ways and is helpful in sustainability of soil fertility. With a view to encourage the use of bio-fertilizers and to produce, promote and distribute the bio-fertilizers, greater emphasis shall be laid to promote the use of bio-fertilizers in the State. The bio-fertilizers will be distributed along with minikits, demonstration plots and in training camps also. The targets for the supply and distribution of bio-fertilizers have fixed as under for Kharif-2018:-

Sr.No	District	Targets (inKgs)
1.	Bilaspur	600
2.	Chamba	800
3.	Hamirpur	800
4.	Kangra	1400
5.	Kinnaur	100
6.	Kullu	800
7.	Lahul & Spiti	100
8.	Mandi	1400
9.	Shimla	1000
10.	Sirmour	1000
11.	Solan	1000
12.	Una	1050
	<b>TOTAL:-</b>	<b>10,000</b>

## 7. PLANT PROTECTION:-

It is well known fact that insect / pest / diseases and weeds if left uncontrolled, the crop production is effected considerably. With a view to increase Agriculture production, it is very essential to adopt timely control measures against the infestation of various insects / pest / diseases and weeds. The plant protection measures are required to be undertaken from seed treatment to storage of crops. The district level functionaries are also responsible to enforce the quality control of insecticides under Insecticide Act. It has been envisaged to cover 140 thousand hectare area and 80 MT pesticide will be distributed under plant protection during Kharif-2018 season. The district-wise targets for plants protection material to be distributed and area to be cover under plant protection measures are as under:-

S.No	District	Qty. of Pesticides to be Distributed (in MT)	Area to be brought under Plant Protection Measures (000hect.)
1.	Bilaspur	4.00	7.00
2.	Chamba	4.00	7.00
3.	Hamirpur	4.00	7.00
4.	Kangra	12.40	21.80
5.	Kinnaur	4.30	7.60
6.	Kullu	6.20	10.80
7.	Lahul & Spiti	5.15	9.00
8.	Mandi	11.25	19.60
9.	Shimla	6.00	11.60
10.	Sirmour	6.50	10.60
11.	Solan	9.10	15.90
12.	Una	7.00	12.10
	<b>TOTAL:-</b>	<b>80.00</b>	<b>140.00</b>

#### **8. DISTRIBUTION OF IMPROVED FARM IMPLEMENTS / MACHINERY:-**

It has been envisaged to distribute 1,20,000 Nos. improved farm Implements / Machinery during the year 2018-19. Out of which 60,000 implements will be distributed during Kharif-2018 and the remaining during Rabi 2018-19. The district-wise targets for Kharif-2018 are as under:-

S.No	District	Improved Farm Implements / Machinery (Nos.)
1.	Bilaspur	4275
2.	Chamba	4875
3.	Hamirpur	4725
4.	Kangra	8025
5.	Kinnaur	3225
6.	Kullu	5225
7.	Lahul & Spiti	2925
8.	Mandi	6475
9.	Shimla	5625
10.	Sirmour	5175
11.	Solan	4625
12.	Una	4825
	<b>TOTAL:-</b>	<b>60,000</b>

### 9. SOIL AND WATER CONSERVATION:-

During the year 2018-19 it has been envisaged to cover 3600 hectare area under soil and water conservation. The district-wise targets are as under:-

S.No	District	Area to be covered under soil and water conservation Measures (ha.)
1.	Bilaspur	120
2.	Chamba	240
3.	Hamirpur	240
4.	Kangra	960
5.	Kinnaur	120
6.	Kullu	240
7.	Lahul & Spiti	120
8.	Mandi	240
9.	Shimla	240
10.	Sirmour	720
11.	Solan	120
12.	Una	240
	<b>TOTAL:-</b>	<b>3600</b>

**10. QUALITY CONTROL:-**

28030 soil samples, 1000 fertilizer samples, 150 pesticide samples and 350 seed samples will be analyzed during Kharif-2018 and 28030 soil health card (on GPS based) will be issued to the farmers of the state during Kharif,2018. The district-wise targets for Kharif-2018 are as under:

S.No	District	(No's)			
		Soil Samples	Fertilizer Samples	Pesticides Samples	Seed Samples
1.	Bilaspur	1200 Mobile 500	90	9	25
2.	Chamba	1500 Mobile 500	70	4	15
3.	Hamirpur	1300 Mobile 500	70	9	20
4.	Kangra	4500 Mobile 600	140	22	85
5.	Kinnaur	1200	10	0	5
6.	Kullu	2000	90	14	20
7.	Shimla	DDA:2000 SAC: 500	105	22	35
8.	Mandi	3000 Mobile 500	160	22	85
9.	Solan	1800 Mobile 500	90	22	20
10.	Sirmour	1800 Mobile 500	90	14	15
11.	Lahul & Spiti	DAO, Keylong :600 APO,Kaza :530	10 5	0	0
12.	Una	2000 Mobile 500	70	12	25
<b>Total:</b>		<b>28030</b>	<b>1000</b>	<b>150</b>	<b>350</b>

(Whole Targets allotted to L/Spiti district of Soil Samples & Soil health Cards for 2018-19)

**Note:-**

- i) Assistant Project Officer(Agriculture) Kaza will submit, soil samples to Soil Testing Officer, Rekong-Peo for their analysis and District Agri. Officer, Keylong will analysis the samples in Mobile Lab. and submit samples to S.T.O. Kullu for their analysis in winter closing.
- ii) Powers have already been delegated under various Acts to officers posted at district headquarters, Block Head quarters.

- iii) The fertilizer samples of District Kangra, Chamba, Hamirpur & Una will be analyzed by the Fertilizer Quality Control at Hamirpur and for Mandi, Bilaspur, Kullu, Lahaul will be analysed at State Fertilizer Quality Control Laboratory at Sundernagar & for Shimla, Solan, Sirmour, Kinnaur & APO, Kaza will be analysed at Fertilizer Quality Control Laboratory at Howthornvilla Shimla-4.
- iv) The Fertilizer Inspector shall draw the samples from the quality prone fertilizers being supplied by Private Companies dealers in the state., Organic fertilizers, bio-fertilizers, water soluble fertilizers & others straight micro-nutrients and Mixture of micro-nutrients be sent for analysis to Sunder Nagar/Hamirpur/Shimla Fertilizers quality control Lab. The samples of organic fertilizer & bio-fertilizer be sent to Govt. of India Lab. Regional Central of organic farming, Kisan Bhawan, Sector-14, Panchkula Haryana.
- v) Targets of Seed samples have been fixed under Seed Control Order 1983 to ensure supply of quality seeds to the farmers.
- vi) All SSP samples to be sent to Sundernagar Laboratory for analysis and no sample of SSP to be sent to Hamirpur & Shimla.

### **11. OIL SEEDS PRODUCTION PROGRAMME:-**

It has been envisaged to produce 7000 MT. Oil Seeds of Sesamum, Soybean, Groundnut during the year 2018-19 out of which 4250 MT. will be produced during the Kharif- 2018 season and remaining during Rabi, 2018-19. The district-wise targets for area and production of Oil Seeds for Kharif-2018 are as under:-

<b>S. No</b>	<b>District</b>	<b>Area ( in 000 Hect)</b>	<b>Production (in 000 MT)</b>
1.	Bilaspur	0.25	0.140
2.	Chamba	1.40	0.780
3.	Hamirpur	0.15	0.080
4.	Kangra	1.925	1.070
5.	Kinnaur	0.02	0.010
6.	Kullu	0.44	0.250
7.	Lahul & Spiti	0.005	0.003
8.	Mandi	0.60	0.337
9.	Shimla	0.62	0.350
10.	Sirmour	0.63	0.350
11.	Solan	0.63	0.360
12.	Una	0.93	0.520
	<b>TOTAL:-</b>	<b>7.60</b>	<b>4.25</b>

### **13. PROCUREMENT AND DISTRIBUTION OF INPUTS:-**

To make timely availability of Agricultural inputs for ensuing Kharif-2015, season, the Officers of the District concerned will make necessary arrangements for procuring, stocking and distribution of inputs such as improved HYV / Hybrid Seeds, Fertilizer, PP material, improved farm implements etc. These inputs be stored at all the focal points in the District well before the sowing of the crop. The ADA,

JDA(Inputs)/ DDAs and other officers of the Districts will conduct an effective check in this regard. Proper coordination at district level may be maintained.

## **RESPONSIBILITIES:**

### **(1) Addl. Director of Agriculture, Dharamsala:**

He shall coordinate and monitor Agriculture Production Programme in respect of his jurisdiction.

### **2. Deputy Director of Agriculture/DAO's:**

1. Preparation of block-wise Agriculture Production Programme.
2. Arranging and stocking of agriculture inputs at all sale points in the district timely and adequately.
3. effective control of the extension functionaries of the Block level and timely monitoring and evaluation of the different development programme.
4. Pointwise control of the extension functionaries of the Block level and timely monitoring and evaluation of the different development programme.
5. Overall responsibility of the achievements every month to the ADA/Directorate.
6. Organisation and imparting training alongwith the Agriculture Officers, Agriculture Development Officers, Agriculture Extension Officers at District, block headquarters.
7. Reviewing fertilizer and sale stock position from time to time including private sale.
8. Reviewing plant protection measures and sale stock position from time to time including private sale.
9. Undertaking intensive touring during campaign period so that all the blocks are covered.
10. Holding joint review with the Assistant/Deputy Registrar Cooperative Societies regularly to see the bottlenecks regarding inputs are removed at various level and keeping the Deputy Commissioner informed about the programmes of their campaign.
11. To convene a meeting of the district level irrigation committee every month in order to sort and to remove the bottlenecks and to utilize the available irrigation potential.

### **3. SUBJECT MATTER SPECIALIST:**

1. Preparation of Agriculture Development Officer circle wise agriculture production programme.
2. Arranging and stocking all the inputs at all the sale points in block, timely and adequately.
3. To report shortage of seeds, fertilizers, etc. if any, immediately to the District Level Officers of Deputy Commissioner.
4. Intensive touring during the campaign period. Inspection of field problems such as diseases, insect pest attacks etc.
5. To ensure full utilization of irrigation potential.
6. To ensure quality of inputs by drawing samples of seeds and fertilizer under the Act's from various Government undertakings/private sale outlets.
7. Organising field days/demonstrations under various schemes.
8. Better coordination with Panchayat, Samities at Block level.
9. Preparation of blockwise data/information regarding agriculture activities.

**4. Agriculture Development Officers:**

1. Preparation of Agriculture Extension Officers circle wise Agriculture Production Programme.
2. Arranging and stocking all the inputs at all the sale points in the block timely and adequately.
3. To coordinate stocking of fertilizer/plant protection measures at various sale points in the block with HIMFED/Coop. Societies, HPMC, HP Agro-Industries corporation.
4. To organize farmers training camps at village level.
5. To report shortages of seed, fertilizer etc. if any, immediately to the SMS or DDA.
6. Intensive touring during the campaign period.
7. To ensure full utilization of irrigation potential.
8. Reporting the achievement every month to the DDA/DAOs.

**5. Agriculture Extension Officers:**

1. Arranging supplies of Agriculture inputs from District Headquarter.
2. Organising the training camps for farmers.
3. Contacting the farmers for supply of Agricultural inputs.
4. Organising field days.
5. Collection of soil samples representing Village, Panchayat and submission to District lab. and ensure distribution of soil health cards.
6. Coordination with Panchayats (PRIs)

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**DEPARTMENT OF AGRICULTURE  
HIMACHAL PRADESH.**

17 APR 2018

No. Agr.H(I)(A)(9)-31/81-Vol.I

Dated Shimla-5, the

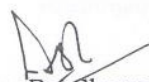
**OFFICE ORDER**

The following Inspection calendar of Sub Offices located at District/Sub Division/Block level is given below for undertaking inspection of sub offices for the year 2018-19.

Sr. No.	Name of Officer	Name of Offices to be inspected	Frequency of Inspection	Submission of inspection report	
				Ist report	2 <sup>nd</sup> report
1.	Director of Agriculture	All Districts	Once in a year	31.4.2019 to Govt.	
2.	Addl. Director of Agriculture, Dharamsala	D.E. Bhangrotu/Palampur, DDA, Palampur, Chamba, Mandi, Una, Hamirpur Tech. Officer (Tea) Palampur/Soil Survey Officer, Palampur/Sundernagar and FTC Sundernagar	Twice in a year	Ist report 30.9.18	2 <sup>nd</sup> report 31.3.19
3.	Joint Director-I, Dte. of Agr.	Solan, Sirmour, Shimla, ASO, Shimla, SAC Shimla, Kullu, Kinnaur, Bilaspur, D.E. (SC) Shimla	-do-	-do-	-do-
4.	D.E.(SC) Shimla	All SDSCO's falling under his jurisdiction	-do-	-do-	-do-
5.	D.E. (SC) Bhangrotu	All SDSCO's falling under his jurisdiction	-do-	-do-	-do-
6.	D.E. (SC) Palampur	All SDSCO's falling under his jurisdiction	-do-	-do-	-do-
7.	DDA, Kullu	All sub offices including SMS blocks/labs/DAO, Keylong and APO (Agri) Kaza except O/O SDSCO located in Kullu Distt.	-do-	-do-	-do-
8.	DDA, Mandi	All sub offices including SMS blocks/labs/SMF except O/O SDSCO's and Soil Survey	-do-	-do-	-do-
9.	DDA, Bilaspur	All sub offices including SMS blocks/labs/ SMF except O/O SDSCO's	-do-	-do-	-do-
10.	DDA, Palampur	All sub offices including SMS blocks/labs/ SMF except O/O SDSCO's and Soil Survey	-do-	-do-	-do-
11.	DDA, Hamirpur	All sub offices including SMS blocks/labs/ SMF except O/O SDSCO's	-do-	-do-	-do-
12.	DDA, Una	All sub offices including SMS blocks/labs/ SMF except O/O SDSCO's	-do -	-do-	-do-

13.	DDA, Chamba	All sub offices including SMS, ADO, Bharmour & Pangi, blocks/labs/ SMF except O/O SDSCO's	-do-	-do-	-do-
14.	DDA, Solan	All sub offices including SMS blocks/labs/ SMF and O/O SDSCO's	-do-	-do-	-do-
15.	DDA, Nahan	All sub offices including SMS blocks/labs/ SMF and O/O SDSCO's	-do-	-do-	-do-
16.	DDA, Shimla	All sub offices including SMS blocks/labs/ SMF/ SDSCO's/ DAO Kinnaur, SDSCO Kinnaur, STO Kinnaur	-do-	-do-	-do-

The above mentioned officers may ensure the submission of 1<sup>st</sup> inspection report before 30.9.2018 and 2<sup>nd</sup> inspection report before 31.3.2019, so that Govt. could be apprised about the outcome of inspections conducted in various sub offices.

  
(Des Raj Sharma)  
Director of Agriculture,  
Himachal Pradesh.

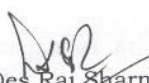
11 APR 2018

**Endst. No. Agr.H(I)(A)(9)-31/81-Vol.I**

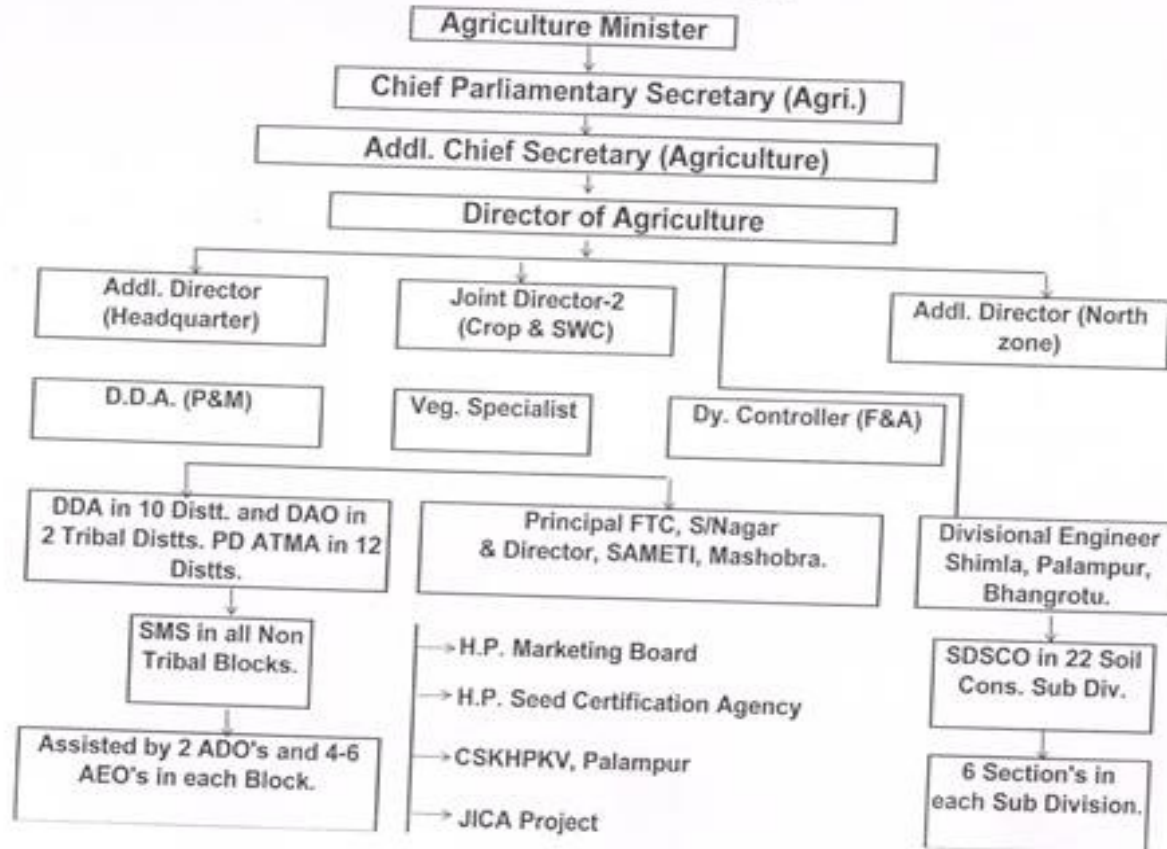
**Dated Shimla-5, the**

Copy forwarded to the following for information and strict compliance:

1. The Additional Director of Agriculture, Dharamsala Distt. Kangra, H.P.
2. The Joint Director of Agriculture-I, H.P. Shimla-5.
3. The Divisional Engineer, (SC) H.P. Shimla-5
4. All the DDA's in Himachal Pradesh.
5. The D.E.(SC), Bhangrotu/Palampur, H.P.
6. The Tech. Officer (Tea) Palampur, Distt. Kangra, HP
7. The Principal, FTC, S/Nagar, Distt. Mandi, H.P.
8. The Sr. Analytical Chemist, Shimla/ASO, Shimla, H.P.
9. The Soil Testing Officer, Sundernagar, Distt. Mandi, H.P.
10. The Analytical Chemist, Sundernagar Distt. Mandi, HP.
11. All the SDSCO,s in the Department of Agriculture, H.P.
12. The DAO, Kinnaur & Keylong/ APO (Agr.) Kaza, H.P.
13. P.S. to Director of Agriculture, H.P. Shimla-5.

  
(Des Raj Sharma)  
Director of Agriculture,  
Himachal Pradesh.

### Administrative Set Up



**“अनुबन्ध-क”**

**वर्ष 2018-19 के बजट आश्वासनों की कृषि विभाग से सम्बंधित कार्यान्वयन प्रगति**

पैरा संख्या	बजट आश्वासन 2018-19	कार्यान्वयन प्रगति
27	<p>2 संचाई के लिए नई योजना “जल से कृषि को बल” का प्रारंभ।</p> <p>3 ई योजना “सौर सिंचाई योजना” का प्रारंभ।</p>	<p>बजट आश्वासन वर्ष 2018-19 में जल सिंचाई के लिए नई योजना जल से कृषि को बल प्रारम्भ की गई है, जिसके लिए वर्ष 2018-19 में मु0 40.00 करोड रुपये का प्रावधान किया गया है। इस योजना की विस्तृत रिपोर्ट (डी.पी.आर) तैयार की जा रही है जिसे इस माह के अंत तक अनुमोदन हेतु नाबार्ड को प्रस्तुत कर दी जाएगी।</p> <p>इस योजना के अन्तर्गत वर्ष 2018-19 के लिए मु0 30.00 करोड रुपये का प्रावधान रखा गया है। उक्त योजना की विस्तृत रिपोर्ट (डी.पी.आर) तैयार करके इस शाखा के पत्र संख्या कृषि (भू0 सं0) एच (एच) 6-38/2018 दिनांक 04.04.2018 को अनुमोदन हेतु सरकार को भेजी गई है।</p>
28	<p>1. भी कृषकों को पोषकों के संतुलित उपयोग के लिए “Soil Health Card Scheme” के अंतर्गत लाना।</p> <p>2. कसानों को उच्च उत्पादकता वाले बीजों का वितरण।</p> <p>3. कसानों को अच्छी किस्म वाले अनाज के बीज उपदान पर उपलब्ध करवाना।</p>	<p>प्रदेश में मिट्टी जांच योजना परीक्षण योजना का कार्य भारत सरकार की स्वाईल हैल्थ कार्ड योजना के अर्न्तगत चलाया जा रहा है। इस योजना के अर्न्तगत प्रदेश में सभी कृषकों को 2018-19 तक स्वाईल हैल्थ कार्ड जारी करने का लक्ष्य रखा गया है। मिट्टी की जांच के लिए नमूने जी0पी0एस0 के द्वारा ग्रिड आधार पर एकत्रित किये जाते हैं तथा विभाग की प्रयोगशालाओं में आवश्यक पोषक तत्वों तथा अन्य मानकों के अनुसार जांच की जाती है। कृषकों को यह सुविधा निशुल्क उपलब्ध है तथा जांच के उपरान्त फसलों की आवश्यकतानुसार प्रयोग की जाने वाली खादों की सिफारिशें स्वाईल हैल्थ कार्ड के द्वारा उपलब्ध कराई जाती हैं। वर्ष 2018-19 के लिए 50,000 मिट्टी के नमूने व 4,80,382 मिट्टी स्वास्थ्य कार्ड कृषकों को वितरित करने का लक्ष्य निर्धारित किया गया है।</p> <p>विभिन्न केन्द्रिय व राज्य प्रायोजित कार्यक्रमों के अर्न्तगत उनमें धन की उपलब्धता के अनुसार कृषि विभाग किसानों को उच्च उत्पादकता वाले बीजों को उपदान पर उपलब्ध करवा रहा है।</p>
29	<p><b>जैविक खेती एवं जीरो बजट प्राकृतिक कृषि को प्रोत्साहन हेतु आवश्यक पग :</b></p> <p>1. षकों तथा कृषि, बागवानी तथा पशुपालन विभाग के विस्तार अधिकारियों को इस नई प्रणाली से प्रशिक्षित करना।</p> <p>3. रासायनिक कीटनाशकों के प्रयोग को हतोत्साहित करना।</p> <p>4. षि एवं बागवानी विभाग को कीटनाशक दवाईयों के लिए प्रावधित बजट जैविक कीटनाशकों के लिए उपयोग करना।</p>	<p>प्राकृतिक खेती के अंतर्गत सम्बंधित विभागों के विस्तार अधिकारियों को प्रशिक्षित किया जाएगा इसके लिए राज्य, जिला व विकास खंड स्तर पर तकनीकी दलों के चयन की प्रक्रिया शुरू कर दी गई है। इसके अतिरिक्त कलस्टरो का व प्रगतिशील किसानों का भी चयन किया जा रहा है।</p> <p>कृषि विभाग द्वारा अपने प्रसार अधिकारियों के माध्यम से कृषकों को रासायनिक कीटनाशकों के प्रयोग को कम करने तथा इनसे मानव जीवन पर पड.ने वाले विपरीत प्रभाव के बारे में समय-समय पर अवगत कराया जा रहा है।</p> <p>विभाग द्वारा प्रदेश में कीटनाशको दवाईयों के बजाए जैविक दवाईयों के उपयोग को प्राथमिकता देने हेतु कृषि विस्तार अधिकारियों के माध्यम से कृषक प्रशिक्षण शिविरों व प्रदर्शन प्लॉट का आयोजन किया जा रहा है। विभाग का यह प्रयास है कि जैविक कीटनाशकों की मांग को प्राथमिकता के आधार पर पूरा किया जायेगा तथा इसके लिए प्रस्तावित बजट या मांगानुसार धन की कमी नही आने दी जायेगी।</p>

6	जैविक उत्पादों के विपणन तथा प्रमाणीकरण को प्रोत्साहित करना।	जैविक प्रमाणीकरण के लिए राष्ट्रीय कृषि विकास योजना व परम्परागत कृषि विकास योजना के अंतर्गत योजना प्रारूप तैयार किये जा रहे हैं। पहले से प्रमाणित किसानों का प्रमाणीकरण जारी रखने के लिए भी प्रोत्साहन प्रस्तावित है।  विपणन के लिए परम्परागत कृषि विकास योजना के अंतर्गत केंद्र को योजना प्रारूप भेजा जाएगा। इसके अंतर्गत कृषि मेलों का आयोजन व पैकेजिंग का प्रावधान किया जाएगा।
7	जैविक खेती के प्रोत्साहन हेतु तथा जैविक कीटनाशक संयंत्र की स्थापना के लिए 50 प्रतिशत निवेश उपदान प्रदान करना।	प्रदेश में शुन्य लागत प्राकृतिक खेती को लागू किया जा रहा है। कार्यक्रम के अंतर्गत प्रत्येक कलस्टर में एक स्थानीय किसान द्वारा वानस्पतिक व जैविक आदान अन्य किसानों को उपलब्ध कराये जायेंगे। यह आदान घरेलू स्तर पर उपलब्ध संसाधनो से तैयार किये जायेंगे व जरूरतमंद किसानों को बहुत ही कम कीमत पर उपलब्ध कराये जायेंगे। आदान बनाने व उपलब्ध कराने के लिये प्रति कलस्टर एक किसान को 50 प्रतिशत निवेश उपदान दिया जायेगा।
8	ई योजना “ <b>प्राकृतिक खेती, खुशहाल किसान</b> ” प्रारंभ।	(i) चालू वित्त वर्ष में योजना के लिये 25 करोड़ रुपये का प्रावधान किया गया है। योजना के दिशा निर्देश तैयार किये जा रहे हैं। (ii) प्राकृतिक खेती सम्बन्धित अध्ययन सामग्री विकसित करने के लिये एक संख्या व आन्ध्र प्रदेश कृषि विभाग से सम्पर्क कर लिया गया है।
9	गामी 5 वर्षों में हिमाचल को “ <b>जैविक कृषि</b> ” राज्य बनाने की परिकल्पना को साकार करना।	प्रदेश में चालू वित्त वर्ष से प्राकृतिक खेती लागू की जा रही है। इस वर्ष सभी जिलों में प्राकृतिक खेती मॉडल कलस्टर बनाये जायेंगे व इसमें मानवीय संसाधन विकसित किये जायेंगे। इन्ही कलस्टर से मानवीय संसाधन जिलों के अन्य क्षेत्रों में प्रयोग किये जायेंगे और चरणवद्ध तरीके से 5 वर्षों में पूरे प्रदेश में प्राकृतिक खेती को लागू कर ‘जैविक राज्य’ की परिकल्पना को साकार किया जायेगा।
30	खरीफ एवं रबी की बिजाई के पहले पुरे राज्य के सभी ब्लॉकों में तथा उसके पश्चात् उपयुक्त समय पर कृषक मेलों का आयोजन करना।	कृषि विभाग समय – समय पर प्रसार अधिकारियों के माध्यम से पूरे राज्य के सभी जिलों व ब्लॉकों में खरीफ और रबी मौसम से पहले और उस के पश्चात भी उपयुक्त समय पर प्रदेश के किसानों के लिए कृषक मेलों/ कृषक प्रशिक्षण शिविरों/ सेमीनारों/ कार्यशालाओं इत्यादि का आयोजन करता है जिससे की किसानों को फसलों के बारे में सभी प्रकार की तकनीकी जानकारी उपलब्ध करवाई जा सके। इसके अतिरिक्त प्रदेश सरकार व केन्द्रीय प्रायोजित योजनाओं के सम्बन्धित पूरी जानकारी भी उपलब्ध करवाई जाती है। इस तरह के कार्यक्रमों का आयोजन वर्ष 2018-19 में भी किया जायेगा ताकी प्रदेश के किसान लाभान्वित हो व उनकी आय में बढ़ोतरी हो।
32	“Mukhya Mantri Green House Renovation Scheme” के अंतर्गत क्षतिग्रस्त पॉलीशीट्स बदलने पर अनुदान को बढ़ाना।	“Mukhya Mantri Green House Renovation Scheme” के अंतर्गत क्षति ग्रस्त पॉलीशीट्स बदलने पर अनुदान को 50 प्रतिशत से 70 प्रतिशत कर दिया है जिसके लिए वर्ष 2018-19 में 3.00 करोड़ रुपये खर्च करना प्रस्तावित है।
33	1. ई घोषणा के अनुरूप प्रदेश में “ <b>कृषि उपकरण सुविधा केंद्र</b> ” की स्थापना करना।	विभाग द्वारा कृषि उपकरण सुविधा केन्द्र स्थापित करने हेतु कृषकों को जागरूक किया जा रहा है, तथा इसके लिए National Mission for Extension and Technology योजना के अर्न्तगत

	2. <b>National Mission for Extension and Technology”</b> के अंतर्गत कृषकों को कृषि यंत्र उपलब्ध करवाना।	40% उपदान का प्रावधान भी रखा गया है।
36	“मुख्य मंत्री खेत संरक्षण योजना” के अंतर्गत 3 या इससे अधिक किसानों द्वारा सामूहिक तौर पर सोलर बाड़ लगाने के प्रस्ताव पर 85 % अनुदान।	इस योजना के अन्तर्गत वर्ष 2018-19 के लिए मु० 35.00 करोड़ रुपये की राशि का प्रावधान रखा गया है और बजट आश्वासन के अनुसार तीन या इससे अधिक किसानों द्वारा सामूहिक तौर पर सोलरबाड़ लगाने के लिए 85 प्रतिशत अनुदान का प्रावधान किया गया है तदनुसार सम्बन्धित अधिकारियों को योजना के कार्यान्वयन हेतु पत्र भेज दिया गया है। सोलर बाड़ लगाने के लिए विभिन्न सेवाप्रदाता कम्पनियों को पंजीकृत करने हेतु expression of interest आमन्त्रित किया गया है जिसे 20-04-2018 को खोलना तय किया गया है।
38	<b>JICA</b> फसल विविधिकरण योजना के द्वितीय चरण के अंतर्गत प्रदेश के सभी जिलों को शामिल करना।	फरवरी 2017 में विभाग द्वारा <b>JICA</b> फसल विविधिकरण योजना के द्वितीय चरण हेतू 1019 करोड़ रुपये की परियोजना तैयार की गई है जो कि जापान सरकार द्वारा वित्तपोषित प्रस्तावित है। इस परियोजना के अंतर्गत प्रदेश के सभी जिलों को शामिल करना प्रस्तावित है जिसके लिए वर्ष 2018-19 में 2.00 करोड़ रुपये खर्च करना प्रस्तावित है। यह परियोजना भारत सरकार व जापान सरकार के मध्य विचाराधीन है।
41	कृषकों को प्राकृतिक आपदा से सुरक्षा दिलाने की दृष्टि से “प्रधान मंत्री फसल बीमा योजना” के अंतर्गत सभी फसलों को एवं मौसम आधारित बीमा योजना, के अंतर्गत सभी फलों व क्षेत्रों को सम्मिलित करना।	राज्य के सभी किसानों को प्रधानमन्त्री फसल बीमा योजना के दायरे में लाने हेतु लगातार प्रयास किए जा रहे हैं। किसानों द्वारा देय प्रीमियम दर और बीमांकिक प्रीमियम को दर के अंतर को सामान्य प्रीमियम सब्सिडी माना जाता है तथा इसका भुगतान केन्द्र और राज्य सरकार द्वारा बराबर रूप में बहन किया जा रहा है।
42	1. वश्व बैंक परियोजना के अंतर्गत राज्य में नई मंडियों का उन्नयन।	इस परियोजना के अंतर्गत 14 मंडियों का विस्तारीकरण तथा 2 मंडियों का नव निर्माण प्रस्तावित है। इस कार्य हेतु मु० 126.15 करोड़ रुपये परियोजना के बजट में प्रावधान है जबकि 20 प्रतिशत मंडी समितियों द्वारा वहां किया जाएगा। यह कार्य वर्ष 2022 तक पूरा किया जाना प्रस्तावित है। डी०पी०आर० हेतु विश्व स्तरीय परामर्शदाता की नियुक्ति की जा चुकी है।
	2. किट्टे यार्डों को राष्ट्रीय कृषि बाजार के साथ जोड़ना।	इस योजना के अंतर्गत पहले चरण में प्रदेश की 19 मंडियों को जोड़ा जा चुका है। भारत सरकार से इसके लिए मु० 30.00 लाख रुपये प्रति मंडी उपलब्ध करवाए गये हैं। ये मंडियां योजना के अनुसार कार्यरत हैं।
	3. <b>Himachal Pradesh Agriculture Produce &amp; Live Stock Marketing (Promotion and Facilitation Bill) 2018”</b> का प्रस्ताव।	“Himachal Pradesh Agriculture Produce & Live Stock Marketing (Promotion and Facilitation Bill) 2018” का प्रस्ताव तैयार करके प्रदेश सरकार के समक्ष विचाराधीन है।
45	“उत्तम चारा उत्पादन योजना” के अंतर्गत कृषकों को उन्नत प्रकार के चारा, बीज व भूसा काटने की मशीनें उपलब्ध करवाना तथा अजोला घास को प्रोत्साहित करना।	“उत्तम चारा उत्पादन योजना” के अन्तर्गत कृषकों को उन्नत प्रकार के चारा बीज व भूसा काटने की मशीनें तथा अजोला घास को प्रोत्साहित करने के लिए 50% अनुदान दिया जायेगा जिसके लिए सरकार द्वारा वर्ष 2018-19 में 9.00 करोड़ रुपयों का प्रावधान किया गया है।
50	उपदान वाली समान योजनाओं में सहायता ढांचे तथा आपूर्तिकर्ताओं के चयन हेतु कृषि तथा उद्यान विभागों की संयुक्त समिति का गठन।	

### भारतीय जनता पार्टी हिमाचल प्रदेश स्वर्णिम हिमाचल प्रदेश

#### कृषि एवं बागवानी से हो उन्नति अपार

अपने फलों, फूलों और फसलों की देन प्रदान करने वाले हिमाचल के किसानों के कल्याण और उन्नति के लिए सभी जरूरी कदम उठाए जाएंगे। खेती को तकनीक एवं निवेश के माध्यम से किसानों के लिए लाभदायक बनाने के लिए हम प्रतिबद्ध हैं। भाजपा यह सुनिश्चित करेगी कि प्रदेश के किसानों एवं बागवानों की आय को दोगुना किया जाए।

क्र. सं.	मद का ब्यौरा	मद की कार्यान्वयन स्थिति
1	राज्य के सभी किसानों को “प्रधानमंत्री फसल बीमा योजना” के दायरे में लाया जायेगा और प्रीमियम के 50 % हिस्से का भुगतान राज्य सरकार करेगी।	<p>यह योजना हि० प्र०, सरकार द्वारा खरीफ, 2017 से लागू की जा रही है। इस योजना में खरीफ तथा रबी मौसम को सम्मिलित किया गया है। इस योजना के अंतर्गत रबी 2017-18 में कृषि विभाग द्वारा 32,448 (अनन्तिम) कृषकों का बीमा किया गया है तथा इस संबंध में अंतिम रिपोर्ट बीमा कंपनियों से प्राप्त होने को है। इस योजना के अंतर्गत किसानों के प्रीमियम के भुगतान हेतु सरकार द्वारा सब्सिडी दी जाती है जो कि किसानों द्वारा देय प्रीमियम दर और वास्तविक प्रीमियम दर के अंतर के बराबर होती है जिसे राज्य तथा केंद्र सरकार द्वारा 50:50 के आधार पर वहां किया जाता है।</p> <p>वर्तमान में प्रदेश सरकार द्वारा इस योजना में खरीफ, 2018 के दौरान विभिन्न अनाज तथा सब्जियों की फसलों को सम्मिलित किया गया है। जिसकी अधिसूचना हि०प्र० सरकार द्वारा 5 मई 2018 को जारी कर दी है।</p>
2	फसल के उचित विपणन हेतु ई-मार्केटिंग प्रणाली प्रारंभ की जाएगी ताकि फसलों की उचित कीमत मिल सके।	प्रदेश की 19 मंडियों को ई-नाम प्रणाली के अंतर्गत लाया गया है।
3	ट्रेक्टर और पिक अप ट्रकों को कृषि उपकरणों के रूप में वर्गीकृत किया जाएगा, जिससे कृषि हेतु लिए गए ट्रेक्टर और पिक अप ट्रकों के लिए किसानों को कृषि ऋण मुहैया कराया जा सके।	ट्रेक्टर और पिक अप ट्रकों को कृषि उपकरणों के रूप में वर्गीकृत करना कृषि विभाग के अधिकार क्षेत्र में नहीं आता है। विभाग केंद्रीय प्रायोजित योजना के अंतर्गत कृषि कार्य हेतु क्रय किए गए ट्रैक्टरों पर उपदान प्रदान कर रहा है, जबकि पिकअप व ट्रक विभाग द्वारा चलाई जा रही किसी भी योजना के अंतर्गत नहीं आते हैं।

4	<p>कृषि क्षेत्रों में सौर बाड़ के लिए सरकार द्वारा किसानों के लिए 90 % तक का अनुदान दिया जाएगा   सरकार 5 से अधिक किसानों द्वारा मिलकर खेतों में सहकारी और सामूहिक बाड़ लगाने के लिए 95 % का अनुदान प्रदान करेगी  </p>	<p>कृषि विभाग के अंतर्गत प्रदेश में फसलों को बंदरों एवं जंगली / आवारा पशुओं द्वारा किए जा रहे नुकसान से बचाव करने हेतु मुख्य मंत्री खेत संरक्षण योजना को लागू किया गया है। इस योजना के अंतर्गत कृषकों को विद्युत / सौर ऊर्जा चालित बाड़ लगाने के लिए व्यक्तिगत स्तर पर 80 प्रतिशत व समुह आधारित बाड़ बन्दी के लिए 85 प्रतिशत अनुदान का प्रावधान है। राज्य के सभी किसान जो प्रदेश में भू-मालिक हों, इस योजना का लाभ लेने के लिए पात्र हैं। इस योजना के अंतर्गत वर्ष 2018-19 के लिए मु० 35 करोड़ रु० की राशि आबंटित की गई है।</p>
5	<p>खाद, बीज व कीटनाशी दवाईयों की कंपनियों के अधिक निरीक्षण के लिए व्यवस्था की जाएगी और यदि इनके उत्पाद परीक्षण में असफल होते हैं तो इन्हें ब्लैकलिस्ट किया जाएगा  </p>	<p>कृषि विभाग द्वारा लक्ष्य के अनुरूप खाद, बीज व कीटनाशक दवाईयों के नमूने लेकर विभागीय प्रयोगशालाओं में उनका परीक्षण किया जाता है।</p>
6	<p>पौली हाउस की फिल्म बदलने के लिए 80 % सब्सिडी का प्रावधान किया जाएगा।</p>	<p>पौली हाउस की फिल्म बदलने के लिए सरकार द्वारा 70 % सब्सिडी का प्रावधान वर्ष 2018-19 के लिए किया गया है। जिसके लिए मु० 3.00 करोड़ की राशि आबंटित की गई है।</p>
7	<p>बेमौसमी सब्जियों को पैदा करने के लिए किसानों को प्रोत्साहन एवं प्रशिक्षण दिया जाएगा।</p>	<p>हिमाचल प्रदेश की कृषि जलवायु परिस्थितियां बेमौसमी सब्जियां पैदा करने के लिए बहुत अनुकूल है। इसी को ध्यान में रखते हुए कृषि विभाग प्रदेश के किसानों को सब्जियों के उत्पादन हेतु जागरूक कर रहा है ताकि किसान परम्परागत फसलों से हटकर बेमौसमी सब्जियों की खेती कर अपनी आय बढ़ा सकें। वर्ष 2017-18 में कृषि विभाग, हिमाचल प्रदेश ने विभिन्न केंद्रीय / राज्य प्रायोजित योजनाओं एवम् बाह्य सहायता प्राप्त परियोजना जैसे कि फसल विविधिकरण प्रोत्साहन परियोजना के माध्यम से प्रदेश के किसानों को बेमौसमी सब्जियों के उत्पादन हेतु प्रेरित / प्रशिक्षित किया है और विभाग के लगातार प्रयासों एवं विभिन्न केंद्रीय / राज्य प्रायोजित योजनाओं के कार्यान्वयन से सब्जियों के क्षेत्र एवं पैदावार में काफी वृद्धि हुई है जो नीचे दी गई तालिका से स्पष्ट है :-</p>



		वर्ष	सब्जियों के अंतर्गत क्षेत्र (है०)	उत्पादन (मीट्रिक टन)
		1990-1991	23,000	3,65,000
		2000-2001	32,000	5,80,000
		2010-2011	65,075	12,68,897
		2016-2017	76,947	16,53,506
		2017-2018 (अनुमानित)	77,164	16,57,533
		कृषि विभाग हिमाचल प्रदेश में सब्जियों के अंतर्गत क्षेत्र एवं इनकी पैदावार बढ़ाने के लिए निरंतर प्रयासरत है और आगे भी इसमें बढ़ोतरी होगी।		
8	<p><b>चाय उत्पादन</b></p> <p>1. चाय की उच्च उपज देने वाली किस्मों के रोपण के लिए 100 हेक्टेयर भूमि का निर्धारण किया जाएगा और सरकार लागत पर 20 % सब्सिडी दी जाएगी।</p> <p>2. चाय उद्योग को कृषि विभाग के तहत लाने हेतु टी बोर्ड ऑफ इंडिया के साथ विमर्श किया जाएगा।</p>	<p>चाय उत्पादन के अंतर्गत किसानों को विभाग 20% उपदान पर चाय के पौधे उपलब्ध करवा रहा है। वर्ष 2017-18 में 31-03-2018 तक 40,350 चाय के पौधे चाय उत्पादकों में वितरित किए गए हैं।</p> <p>हिमाचल प्रदेश में चाय के विकास एवं विस्तार का कार्य चाय शाखा, तकनीकी आधिकारी (चाय) कृषि विभाग के अंतर्गत किया जा रहा है।</p>		
9	<p><b>जैविक हिमाचल की ओर</b></p> <p>जैविक खेती को बढ़ावा दिया जाएगा साथ ही जैविक उत्पाद प्रमाणीकरण संस्थान की स्थापना की जाएगी।</p>	<p>जैविक प्रमाणीकरण संस्था प्रदेश में स्थापित हो चुकी है। जैविक खेती को बढ़ावा देने के लिए प्राकृतिक खेती खुशहाल किसान योजना शुरू की गई है।</p>		
	<p>1 लाख नए वर्मीकम्पोस्ट गड्डों का निर्माण और इन गड्डों पर सब्सिडी बढ़ाकर 70 % की जाएगी।</p>	<p>इस वर्ष 5000 केंचुआ इकाइयां स्थापित की जायेंगी। सब्सिडी बढ़ाने का प्रस्ताव सरकार को अभी भेजा जाना है।</p>		
	<p>वर्मीकम्पोस्ट प्रशिक्षण में भागी 14 वर्ष से</p>	<p>पुरस्कार योजना का प्रस्ताव सरकार को भेजा जायेगा।</p>		

	अधिक आयु के व्यक्ति को रु० 100 का पुरस्कार दिया जाएगा।	
	हिमाचल प्रदेश में 2 नए जैव-उर्वरक और बायो-पेस्टीसाइड परीक्षण प्रयोगशालाएं स्थापित की जाएंगी।	वर्तमान में पालमपुर में जैव – उर्वरक उत्पादन प्रयोगशाला को परीक्षण प्रयोगशाला में परिवर्तित किया जा रहा है जिसके लिए पैसों का प्रावधान भी हो चुका है। पालमपुर में पहले से ही बायो पेस्टीसाइड परीक्षण प्रयोगशाला स्थापित है जिसको उन्नयन (upgrade) करने के लिए पैसों का प्रावधान जल्द किया जाएगा।