

DIRECTORATE OF EXTENSION EDUCATION
CSK HIMACHAL PRADESH KRISHI VISHVAVIDYALAYA, PALAMPUR
Important farm activities to be carried out during 2nd fortnight of July, 2018

The Directorate of Extension Education, CSKHPKV, Palampur, has suggested the following operations for crop and animal husbandry, to be carried out in the second fortnight of July, 2018, keeping in view the season, weather and crop conditions of Himachal Pradesh.

Maize

Top dress 65-85 kg Urea per hectare in maize crop which was sown during the second fortnight of June.

Vegetables

- In mid hill areas of the State, it is the best time for nursery raising of mid season cauliflower varieties like Improved Japanese, Palam Uphar, Pusa Deepali and Megha (F₁). Prepare nursery beds of appropriate sizes having 3 m length, one meter width and 10-15 cm raised above the ground surface. Mix 20-25 kg well rotten FYM, 200 g IFFCO mixture (12: 32 : 16), 15-20 g Indofil M-45 and 15-20 g Thimet per bed in the top layer of the soil. Seeds are sown in rows at a distance of 5 centimeters apart. Protect nursery beds from direct rainfall by constructing thatched structure over the nursery beds.
- Transplant cabbage seedlings at a distance 45 x 45 cm. During field preparation, add 200 q FYM, whereas 280 kg complex fertilizer (12: 32: 16) and 95 kg Urea per hectare during transplanting.
- Top dress another dose of nitrogen (40-50 kg Urea/ hectare) in standing crops of tomato, brinjal, capsicum, chilli and cucurbits.
- Sowing of improved varieties of pea viz., Palam Samool, PB-89, Lincoln, Azad P-1 and Palam Priya can be done in high hill temperate wet areas of the State. Before sowing, add 187 kg complex fertilizer (12:32:16) 50 kg MOP in addition to 200 q/ha well rotten FYM. Pre emergence spray of Stomp (Pendimethalin) or Lasso/Alachlor 3.0 liters/750 litres of water per hectare can be done immediately after sowing for the control of weeds.

Plant Protection

- For the management of fruit borer in tomato, brinjal and okra, spray 750 ml Cypermethrin (Ripcord 10 E.C.) or Lambdacyhalothrin (Karate 5 %) or 750 ml Deltamethrin (Desis 2.8 E.C.) in 750 litres of water per ha alongwith Sticker. Harvest the fruits 10-12 days after the spray of the chemicals.
- In case of cucurbitaceous vegetables and tomato, spray malathion 50 EC (@ 5 ml/ 10 liter of water mixed with 50 g of gur or sugar for the management of fruit fly. It is also suggested to install 25 fruit fly pheromone traps per ha.
- Leaf spot and fruit rot diseases of tomato, brinjal, capsicum and chilli can be managed with the application of Metamil/Ridomil MZ (2.5 g/litre water) and repeat the spray fortnightly.

*1 ha (hectare)=12.5 bigha or 25 kanal

Livestock

- The animals in heat should be judged from signs of frequent urination, bellowing, mounting oil and vaginal discharge.
- Feed colostrum to newly born calves within two hours of birth. Feeding of colostrum at the rate of 1/10th body weight of animals provides immunity to diseases and also provides necessary vitamins.
- If animal has a wound, protect it from flies by applying repelling ointment, such as Himax or Lorexane.
- Animal shed should be dry, airy and well ventilated. Animals should be bathed in the morning and evening with fresh water. Spray sheds with butox 0.2-0.3% solution to avoid breeding of flies, lice, ticks, mites and fleas and repeat it every fortnight. Crevices in animal houses should be covered/sealed.
- Maintain your poultry farm dry for healthy growth of birds.

Keeping in mind the agro-climatic conditions prevailing in the area, farmers and live-stock keepers are advised to keep in touch with the nearest Krishi Vigyan Kendra or Agriculture Technology Information Centre (ATIC-01894-230395/1800-180-1551) for the detailed information.

Director
Extension Education 5/7/18
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**Issued in the interest of farmers by the Directorate of Extension Education,
CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur**

CC :

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