

**DIRECTORATE OF EXTENSION EDUCATION
CSK HIMACHAL PRADESH KRISHI VISHVAIDYALAYA, PALAMPUR**

Important farm activities to be carried out during 2nd fortnight of September 2017.

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 September, 2017, keeping in view the season, weather and crop conditions of Himachal Pradesh.

Vegetable

- In low hill areas of the State, transplant mid season cauliflower (Palam Uphar, Improved Japanese, and Megha (F₁), at a distance of 60 x 45 cm. Before transplanting, add well rotten FYM 250 q/ha in addition to 235 kg/ha IFFCO 12:32:16, 54 kg MOP and 105 kg Urea per hectare. During this time, nursery sowing of late varieties of cauliflower like PSB-1, K-1, KT-25, Pusa Subhra and hybrids (Sweta, Madhuri, Maharani, 626 etc.) Cabbage (Golden Acre, Pride of India, Pusa Mukta and hybrids (Varun and Bahar), Knol Khol (White Vienna, Palam Tenderknob, Purple Vienna), Broccoli (Palam Samridhi, Palam Haritika, Palam Kanchan and Palam Vachitra) and Chinese Cabbage (Palampur Green) can be done in these areas. Prepare nursery beds of appropriate sizes having 3 m length, 1 m width and 10-15 cm raised above ground surface. Mix 25-30 kg well rotten FYM, 200g IFFCO 12 : 32 : 16, 20-25g Indofil M-45 and 15-20 g Thimet per bed on the top layer of the soil. Seeds are sown in rows at a distance of 5 cm apart. It is the best time for sowing of root vegetables like radish (Japanese White, Chinese Pink, Mino Early), Turnip (PTWG), Carrot (Nantes, Chanteney, Pusa Yamdagni) and leafy vegetable like Palak (Pusa Harit, Pusa Bharti) and Methi (IC-74, Palam Soumaya, Pusa Kasuri). These vegetables can sown in rows at a distance of 25-30 cm. Before sowing, mix well rotten FYM 100 q in addition to 150 kg IFFCO (12:32:16) and 15 kg MOP fertilizers per hectare.
- In low mid hill areas, sowing of early varieties of Pea (Palam Triloki, Arkel, VL-7 and Matar Ageta) can be done at a spacing of 30 x 7.5 cm. Prior to sowing, mix well rotten FYM (200 q/ha) in addition to 185 kg IFFCO (12:32:16) and 50 kg MOP fertilizers per hectare in the soil. During this time, the nursery sowing of cauliflower (late group), cabbage, Knol Khol, Broccoli and Chinese cabbage and direct sowing of radish, carrot, turnip, palak and methi can be done in mid hill areas of the State.

Plant Protection

- In the event of damage by stem borers in paddy spray methylparathion 50 EC (@ 1ml/lit. of water) at the appearance of symptoms of damage (white ears).

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

- Spray the crop with carbendazim (Bavistin 50 WP) @ 30 g/30 litre of water or tricyclazole (Beam) 18 g/30 litres of water per kanal for the management of blast/neck blast in paddy.
- Spray carbaryl 50 WP (@ 2g/lt. of water) for the control of shoot and fruit borer in brinjal and hadda beetle in bittergourd.

Livestock

- Make arrangements for sowing berseem and oats for supplying green fodder to animals. Sow gobhisarson alongwith, to have higher fodder yield during first cut. For meeting out fodder requirements during lean periods, make arrangements to conserve fodder as hay and silage.
- Keep a watch for heat symptoms in animals, especially buffaloes from mucous discharge or decrease in milk production and get them inseminated well in time. Provide clean and dry bedding to young calves. Colostrum must be fed to these calves @ 1/10th of their body weight. Grooming of milch animals and calves regularly gives beneficial effect to animal health.
- Vaccinate your animals, especially crossbreds, against foot and mouth disease.
- Medicate your animals against ecto-and endo parasites with the help of local veterinarian.
- Provide 14 to 16 hours light, including day light to your poultry flock, if it has come in production.

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.

29/06/17
Director 6/9/2017

Extension Education

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