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**GRAMIN KRISHI MAUSAM SEWA**  
**Agromet Advisory Bulletin for District Udhampur**  
(23<sup>rd</sup> June to 27<sup>th</sup> June, 2018)

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)  
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**Bulletin No: -24/2018-19/Friday**  
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**Date: 22<sup>nd</sup> June, 2018**

**Significant past weather for the preceding 5 days (17<sup>th</sup> to 21<sup>st</sup> June)**

Rainfall (mm)	21.0
Maximum Temperature (°C)	31.9 – 36.4
Minimum Temperature (°C)	19.2 – 24.5
Relative Humidity (%)	-

**Medium range weather forecast for Udhampur (23<sup>rd</sup> June to 27<sup>th</sup> June, 2018)**

DATE	23/06/18	24/06/18	25/06/18	26/06/18	27/06/18
RAINFALL (mm)	0	0	0	0	5
Maximum Temperature (°C)	38	38	39	39	37
Minimum Temperature (°C)	21	21	22	22	20
Cloudiness (okta)	3	3	2	2	4
RH (Max) (%)	50	50	45	45	60
RH (Min) (%)	25	25	25	20	40
Wind Speed in kmph	1	1	1	1	1
Wind Direction	35	40	40	45	65

**Weather forecast summary:** The sky will remain partly to mainly cloudy with possibility of light rainfall on 27<sup>th</sup> June. Maximum temperature will range between 37 – 39 °C and minimum temperature will range between 20 – 22 °C. The maximum relative humidity may range between 45 – 60 % and minimum relative humidity may range between 20 - 40 %. Wind may blow in the in the North Eastern (NE) direction with the average speed of 1 km/hour.

**Agro meteorological Advisory**

**General Advisory for coming 5 days:** Farmers are advised to start preparing land for transplanting of rice seedlings in areas, where seedlings are approaching near 4-6 leaf stage. However, utilizing rainfall received earlier, farmers are advised to go for transplanting of rice crop where seedlings are ready.

Crop	Stage	Insect pest / Diseases & other operations	Agro meteorological advisory
Rice nursery	Transplanting	Nursery care	<ul style="list-style-type: none"> <li>- Maintain optimum moisture level under dry bed condition and summerge the wet bed with shallow level of water for proper establishment and growth of nursery.</li> <li>- Farmers are advised to keep the seedlings free from weeds.</li> </ul>
		Land Preparation	<ul style="list-style-type: none"> <li>- Farmers are advised to start preparing land for transplanting of rice seedlings in areas, where seedlings are approaching near 4-6 leaf stage. However, utilizing rainfall received during past few days, farmers are advised to go for transplanting of rice crop where seedlings are ready. Plant 2-3 seedlings per hill at 3 to 5 cm deep in the soil.</li> </ul>
		Weed Management	<ul style="list-style-type: none"> <li>- Apply Butachlor granules 5G @ 30 Kg/ha 2-5 days after transplanting in standing water for better management of weeds in rice crop. Don't drain the field for 4-5 days.</li> </ul>
		Others	<ul style="list-style-type: none"> <li>- As rainfall is expected on 23<sup>rd</sup>, 24<sup>th</sup> and 27<sup>th</sup> of June, farmers are advised to strengthen and raise the dike height of field bunds during the preparation of land to retain rain water as much as possible.</li> </ul>
Maize	Sowing	Fertilizer Application	<ul style="list-style-type: none"> <li>- Due to receipt of rainfall during past few days, farmers are advised to go for sowing of maize crop in intermediate zone of district as there is good possibility of adequate moisture in the soil for sowing.</li> <li>- Farmers are advised to apply Urea (5.0 kg/kanal), DAP (4.5 kg/kanal) and MOP (1.65 kg/kanal) at the time of sowing as a basal dose under rainfed areas.</li> </ul>
		Weed Management	<ul style="list-style-type: none"> <li>- Apply Atrazine @ 1 kg a.i./ha in 500 - 600 liter of water (100 gram/kanal in 30 liter of water i.e. two knap sack sprayer) on soil surface within 2-3 DAS as pre-emergence application to control weeds in maize crop.</li> </ul>
Vegetables Summer Vegetables		Intercultural operations	<ul style="list-style-type: none"> <li>- Taking advantage of dry weather conditions during next four days, farmers are advised to carry out intercultural operations (second hoeing cum weeding) in tomato, brinjal and chilli for proper soil aeration and root development.</li> </ul>
		Insect Pest & Disease Management	<ul style="list-style-type: none"> <li>- Farmers are advised to regularly monitor the vegetable crops for the incidence of pest and diseases.</li> <li>- For control of red pumpkin beetle apply imidachloprid 1 ml/3 liter of water or Dichlorvos 30 EC @ 2 ml/ liter of water.</li> </ul>
		Staking	<ul style="list-style-type: none"> <li>- Ensure staking with plastic string in tomato and cucurbits (bottle gourd, bitter gourd, sponge gourd and cucumber) for better crop stand.</li> </ul>
		Irrigation	<ul style="list-style-type: none"> <li>- Due to possibility of rainfall on 27<sup>th</sup> June, farmers are advised to suspend irrigation in vegetable crops.</li> </ul>
Horticulture (Stone Fruits, Almond, Walnut & Pecan nut)		Care	<ul style="list-style-type: none"> <li>- Proper care should be taken of the grafted fruit plants. Do not allow any sucker to grow from the root stock. Remove water sprouts from below grafted union.</li> </ul>
		Insect pest	<ul style="list-style-type: none"> <li>- Farmers are advised to protect fruit plants from termite attack. If observed undertake following measures:</li> <li>- Dismantle termatorium, if any in the field.</li> <li>- Treat the affected area with Chlorpyriphos @ 2 ml/ liter of water or Imidacloprid @ 7 – 8 ml/15 liters of water.</li> </ul>
		Irrigation	<ul style="list-style-type: none"> <li>- Keeping in view the chances of rainfall on 27<sup>th</sup> June, farmers are advised to postpone irrigation to the orchards.</li> </ul>
Mushroom (Milky Mushroom)			<ul style="list-style-type: none"> <li>- Farmers are advised to go for cultivation of <i>Calocybe indica</i> (Milky mushroom).</li> </ul>

<b>Apiculture</b>		<b>Care /Feed supplement</b>	<ul style="list-style-type: none"> <li>- Keeping in view the present weather condition, farmers are advised to shift the honey bee colonies towards shady conditions or place them under open straw huts.</li> <li>- Bees need water to dilute honey and to cool the hives during hot weather conditions. Farmers are advised to keep water trough filled with coarse gravel near the hive. It helps bees to spend more time in collecting nectar and less time for water collection.</li> <li>- Provide proper ventilation by slightly raising the brood chamber. Make sure that bees do not pass through the ventilation otherwise robbing may be induced.</li> <li>- For protection of ants put the legs of apiary into water so that ants could not attack apiary.</li> <li>- Use thin jute bags to cover the honey bee colonies and sprinkle water on jute bags after every two to three days to protect from heat stress.</li> </ul>
<b>(Dairy animals &amp; sheep and goats)</b>		<b>Care/Feed supplement</b>	<ul style="list-style-type: none"> <li>- Mineral mixture (Agrimin forte @ 40 gm per day) should be supplemented in the diet of dairy animals particularly pregnant ones.</li> <li>- Farmers are advised to keep proper ventilation and hygiene in the cattle sheds.</li> <li>- Farmers are advised to include top feeds i.e. leaves of jamun, guava etc. in the diet of small ruminants to decline the parasitic load.</li> <li>- Keeping in view the present weather condition, farmers are advised to provide adequate supply of water to livestock.</li> <li>- Farmers are advised to follow regular and periodic deworming, grooming and dipping to control the external parasites of the animals.</li> </ul>
<b>Poultry</b>		<b>Care/Feed supplement</b>	<ul style="list-style-type: none"> <li>- Chicks should be supplemented with balanced ration to prevent occurrence of nutritionally deficient diseases.</li> <li>- Brooder houses for newly born should be well ventilated, rain proof and protected from predators.</li> <li>- Fumigate the poultry sheds before keeping the new lot of chicks to prevent the economic loses.</li> <li>- Farmers are advised to keep improved breeds of Backyard poultry i.e Vanraja, chabro to supplement the daily income.</li> </ul>

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