



Sant Baba Bhag Singh UNIVERSITY

Village: Khiala: PO: Padhiana, Distt: Jalandhar 144030
Website:www.sbbsuniversity.ac.in Phone:0181-2711163 Fax:0181-2711555

Bulletin No. 01/2022

Issued on 14.06.2022

AGROMET ADVISORY BULLETIN

DEPARTMENT OF AGRICULTURE

PART A: REALIZED AND FORECAST WEATHER

Summary of past weather over the University during (10.06.2022 to 12.06.2022):

Weather remained dry during the period in the University.

Mean Maximum Temperatures varied between 45-46 °C.

Mean Minimum Temperatures varied between 33-34 °C.

Chief amounts of rainfall (in mm):-Nil

Current synoptic condition and weather forecast valid up to 0830 Hrs of 17.06.2022

<i>Maximum Temperature Forecast</i>	
SBBSU, Khiala, Jalandhar	Fall in maximum temperatures by 2-3°C during next 3 days and no large change thereafter.

LOCATION	13-06-2022	14-06-2022	15-06-2022	16-06-2022
SBBSU	Isolated	Isolated	Few (THUNDERSTORM/ LIGHTNING AND GUSTY WINDS (SPEED 30-40 KMPH)	Many (Heavy Rain THUNDERSTORM/ LIGHTNING AND GUSTY WINDS (SPEED 40-50 KMPH)

<u>General Agromet Advisory</u>	<i>Complete nursery sowing of short duration paddy variety PR 126 and direct seeded rice with PAU recommended varieties during the period.</i>
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WARNING	PROBABILISTIC FORECAST		SPATIAL		RAINFALL INTENSITY	
WARNING (TAKE ACTION)	Terms	Probability of Occurrence	DRY	No Rainfall	Light	2.5-15.5 mm
ALERT (BE PREPARED)	Unlikely	No Rainfall	ISOLATED	1-25%	Moderate	15.6-64.4 mm
WATCH (BE UPDATED)	Likely	1-25%	FEW	26-50%	Heavy	64.5- 115.5 mm
NO WARNING (NO ACTION)	Very Likely	26-50%	MANY	51-75%	Very Heavy	115.6- 204.4 mm
	Most Likely	51-75%	MOST	76-100%	Extremely Heavy	>204.5 mm

Part B

CROP INFORMATION AND AGROMET ADVISORIES

Stages of the major Kharif /Rabi crop

Name of crop	Stage
Green gram	Vegetative
Vegetable	General
Horticulture	General
Paddy	Sowing to Nursery



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CROP ADVISORIES AND PLANT PROTECTION:

GREEN GRAM:

- Apply need based irrigation and fertilizer as per weather in coming days. Start earthing up in autumn sown crop

RICE:

- Complete sowing of paddy nursery of variety PR 126 and direct seeded rice during the period. Plan irrigation to paddy nursery accordingly in view of possible rainfall/thunderstorm during the period.

SUGARCANE:

- Apply need based irrigation and fertilizer as per weather in coming days. Start earthing up in autumn sown crop.

MAIZE:

- Irrigate the crop as per weather and soil moisture conditions during the period.

Horticulture Specific Advisory

TOMATO:

- Plan irrigation as per weather during the period. Harvest and sell marketable vegetables at regular interval for maximum yield. For the management of late blight of tomato, spray 600 g Indofil M-45 mixed with 200 litres of water per acre when weather become clear.

LITCHI:

- Apply irrigation at regular interval to fruit orchards to save from high air temperature. Plan irrigation as per weather during the period. Regularly remove the suckers arising from the root-stock portion of newly planted fruit plants. Fruit drop is increasing with rise in temperature. Continuously keep the soil moist in peach and plum orchards. In citrus, litchi and mango apply light and frequent irrigations. For management of fruit drop in mango, spray 2, 4-D sodium salt @ 2.0 g 100 litres of water. Dissolve 2,4-D in 10-20 ml of alcohol before adding to water. Avoid its spray if orchard is planted with vegetables or broad leaf crops.



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Live Stock Specific Advisory

COW:

- Provide clean, dry and good bedding especially for young calves. Colostrum must be fed to the calves within 30 minutes after their birth. Watch the animals regularly in the morning and evening for heat symptoms like mucous discharge, bellowing etc. Regularly feed the mineral mixture to the animal and give fresh water and provide green fodder and concentrate mixture. In order to protect animals from extreme heat, they should be kept inside airy well ventilated sheds. High yielding animals should be provided with coolers and fans as per their need to prevent drop in milk production.