



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

### ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



Ph. No. 0231 2692416

E-mail: [adrkolhapur@rediffmail.com](mailto:adrkolhapur@rediffmail.com)

Weather based Agromet Advisory committee meeting dated 02.06.2020

**District: KOLHAPUR**

Last Week Weather Summary (27.05.2020 to 02.06.2020)							Weather Parameters	Weather Forecast (03.06.2020 to 07.06.2020)				
27	28	29	30	31	01	02	Date	03	04	05	06	07
0.0	0.0	0.0	0.0	0.0	45.4	25.0	Rainfall (mm)	65	45	20	6	2
37.2	36.3	37.1	36.9	37.2	34.7	33.9	Max. Temp. (°C)	28	29	29	30	32
22.0	21.2	21.6	22.0	20.1	20.1	29.2	Min. Temp. (°C)	22	23	23	23	23
0	0	1	2	6	8	8	Cloud Cover	8	8	7	4	3
81	80	79	79	85	98	97	Max. RH (%)	91	91	91	89	88
52	58	52	53	86	72	-	Min. RH (%)	69	84	65	61	57
5.5	5.9	8.8	8.8	8.5	4.0	6.7	Wind Speed(km/hr)	30	15	9	11	12
W	NW	NW	W	N	NE	NE	Wind Direction	SSW	SW	SSW	SW	SW

#### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by IMD has indicated that due to cyclone formed in east central Arabian Sea there is possibility of heavy rainfall on 03 <sup>rd</sup> and 04 <sup>th</sup> June, moderate rainfall on 05 <sup>th</sup> June and light rainfall on 6 <sup>th</sup> and 7 <sup>th</sup> June at isolated places in Kolhapur district. Maximum temperatures will remain up to 28.0 to 32.0 °C while minimum temperatures will remain nearby 22.0 to 23.0 °C respectively. Wind speed (kmph) will remain up to 9 to 30 km/ph.
<b>Kharif crop planning</b>		➤ Purchase seed for cultivation of kharif crops from Agricultural University or nearest government authorized centres.
General Advisory		➤ Keep the harvested produce safe as rainfall is predicted. <b>Advice regarding protection and prevent infection from Coronavirus (COVID 19) disease.</b> ➤ While going to purchase agricultural inputs in market follow social distancing, always wear mask. Sanitize hands with sanitizer or wash hands frequently. ➤ While working in field agricultural labours should not exchange sickle, Khurpi etc. equipments to other labours or they should proper sanitize the equipments before exchanging to any other labour.
SMS Advisory		➤ Due to cyclonic movement east central Arabian Sea there is possibility of heavy rainfall on 03 <sup>rd</sup> and 04 <sup>th</sup> June, moderate rainfall on 05 <sup>th</sup> June and light rainfall on 6 <sup>th</sup> and 7 <sup>th</sup> June at isolated places in Kolhapur district. ➤ Possibility of increase in wind speed up to 30km per hour.
<b>Rice</b>	Nursery	➤ For kharif season prepare nursery of paddy by sowing paddy on raised bed up to 15 <sup>th</sup> June. Prepare the raised beds of size 1 m broad, 15 cm height and length of bed as per requirements. Nursery prepared on 10 R is sufficient for 1 hectore of paddy crop in kharif. While preparation of raised beds use 250kg compost and 1 kg Urea per R (Guntha) of nursery and mix it thoroughly into soil. ➤ Use following varieties of Rice for cultivation in Kharif season ➤ Early: Karjat-184, Ratnagiri-1, Karjat-4, Phule Radha ➤ Midlate: Phule Samruddhi, Late: Ratnagiri-2, Karjat-2, Flavored: Basmati-370, Indrayani, Bhogawati, Sugandha, Hybrid: Sahyadri-1, Sahyadri-4, Sahyadri-5.
<b>Finger Millet</b>	Pre-sowing	Collect seeds of following varieties of Nachani for sowing in kharif season. ➤ Midlate: Dapoli-1, Dapoli Safed, Phule Kasari, Late: Phule Nachani.
<b>Little millet</b>	Pre-sowing	➤ Collect seed of little millet variety Phule Ekdashi.



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<b>Soybean</b>	Presowing	Collect the seeds of following varieties of Soybean J.S.-335,MACS-1188,Phule Kalyani, Phule Agrani, Phule Sangam, J.S.9305.
<b>Sugarcane</b>	Growth	<ul style="list-style-type: none"><li>➤ <b>White grub</b> : Adults comes together on Acacia, Neem and Ber trees at the time of evening after first shower of rain. First female adults and then male adults come out of the soil. They eat leaves of these trees. During night period shake the branches of these trees due to which adults falls on ground. Collect these adults and destroy them in kerosene mixed water.</li><li>➤ Use light traps for control of White grubs.</li><li>➤ <b>Crop Protection</b></li><li>➤ <b>Stem Borer</b> : Use 2 Phule Trichocards per acre with interval of 10 to 15 days for 2 to 3 times for control of Stem Borer in Sugarcane crop.</li></ul>
<b>Nursery preparation</b>	Growth	<ul style="list-style-type: none"><li>➤ Carry out the sowing of Onion, Brinjal, Tomato, Chill by sowing seeds on raised beds for preparation of nursery plants for kharif season planting.</li></ul>
<b>Animals</b>	Growth	<ul style="list-style-type: none"><li>➤ Carry out vaccination to animals for prevention of diseases like Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia.</li><li>➤ To prevent nuisance from ectoparasites spray Deltamethrin (Ex. Butox) by taking advice from Veterinary doctor in goat shade and on the goats.</li><li>➤ Keep the animals in shade. Give cool, clean and pure water to animals.</li></ul>

**Source:**

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

**Place : ZARS, KOLHAPUR**

**Sd/-**

**Date : 02.06.2020**

**Nodal Officer, GKMS, &  
Associate Director of Research,  
ZARS, Kolhapur**