



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

Weather based Agromet Advisory committee meeting dated 02.06.2020

District: SATARA

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	-	-	Rainfall (mm)	79	20	3	3	3
38.8	36.7	36.8	36.9	37.8	-	-	Max. Temp. (°C)	32	28	29	30	30
24.3	22.8	23.1	24.3	25.8	-	-	Min. Temp. (°C)	20	21	22	22	22
2	1	3	3	5	-	-	Cloud Cover	8	8	7	4	2
59	61	70	63	64	-	-	Max. RH (%)	90	89	87	84	84
44	33	50	48	38	-	-	Min. RH (%)	64	81	56	52	49
3.7	3.7	3.7	3.7	0.0	-	-	Wind Speed(km/hr)	42	18	14	16	17
-	-	-	-	-	-	-	Wind Direction	S	WSW	WSW	WSW	WSW

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by IMD has indicated that there due to cyclone formed in east central Arabian Sea there is possibility of heavy rainfall on 03 rd June, moderate rainfall on 4 th June and light rainfall from 5 th to 7 th June at isolated places in Satara district. Maximum temperatures will remain 28.0 to 32.0 and minimum nearby 20.0 to 22.0 °C respectively. Wind speed will remain up to 14 to 42 km/hr.
Kharif crop planning		➤ 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. Advice regarding protection and prevent infection from Coronavirus (COVID 19) disease. ➤ 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 cyclone formed in east central Arabian Sea there is possibility of heavy rainfall on 03 rd June, moderate rainfall on 4 th June and light rainfall from 5 th to 7 th June at isolated places in Satara district. ➤ Possibility of increase in wind speed up to 42km per hour.
Rice	Nursery	➤ For kharif season prepare nursery of paddy by sowing paddy on raised bed up to 15 th 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. ➤ Use light traps for control of White grubs.
Finger Millet	Pre-sowing	Collect seeds of following varieties of Nachani for sowing in kharif season. ➤ Midlate: Dapoli-1,Dapoli Safed, Phule Kasari, Late: Phule Nachani.
Rajama	Pre-sowing	Collect seeds of following varieties of Rajama for sowing in kharif season. ➤ Mutha, Varun and Phule Rajama varieties for sowing.
Sugarcane	Growth	➤ White grub : 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



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		<p>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.</p> <p>➤ Use light traps for control of White grubs.</p> <p>Crop Protection</p> <p>➤ Stem Borer : 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.</p>
Nursery preparation	Growth	➤ Carry out the sowing of Onion, Brinjal, Tomato, Chill by sowing seeds on raised beds for preparation of nursery plants for kharif season planting.
Animals	Growth	<p>➤ Carry out vaccination to animals for prevention of diseases like Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia.</p> <p>➤ To prevent nuisance from ectoparasites spray Deltamethrin (Ex. Butox) by taking advice from Veterinary doctor in goat shade and on the goats.</p> <p>➤ Keep the animals in shade. Give cool, clean and pure water to animals.</p>

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