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WEEK NO.30

Bulletin No.58/2020

Tuesday/Dt.28.07.2020

Weather Condition recorded at AMFU Bhawanipatna from 22.07.2020 to 28.07.2020

Weekly Rainfall (mm) and rainy days	64.6 and 02
Cumulative Rainfall (mm) and rainy day (w.e.f. 01.01.2020)	663.2 mm and 32
Mean weekly maximum temperature (°C)	33.5
Mean weekly minimum temperature (°C)	23.9

Weather Forecast from 29.07.2020 to 02.08.2020 for Kalahandi District:

According to IMD Bhubaneswar very light to moderate rain is likely to occur from 29.07.2020 to 02.08.2020 in Kalahandi district. Cumulative 46 mm rain is expected during the above five days period. Sky may remain partly cloudy to generally cloudy during these five days period. Wind may blow from South-East and South-west direction with speed of 004 - 005 km/hr. Maximum temperature may vary around 33 - 35 °C and minimum temperature around 24 - 25°C. Maximum RH expected to vary between 81 - 88 % and minimum RH between 44 - 57%.

DISTRICT	Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KALAHANDI	29/7/2020	20	35	24	6	86	55	5	176
	30/7/2020	7	34	25	5	88	57	4	197
	31/7/2020	2	35	25	4	82	45	5	213
	1/8/2020	5	34	24	5	81	46	5	198
	2/8/2020	12	33	24	6	81	44	4	170

Agro met – Advisory Bulletin for Kalahandi District

General Advisory:

As five days forecast within 02.08.2020 showed very light to moderate rain with partly to generally cloudy sky and maximum and minimum temperature range between 33 - 35 °C and 24 - 25°C, respectively in the district

1. Complete interculture and 1st top dressing in cotton, maize, groundnut, greengram and arhar at three week stage of crop.
2. Make arrangement to drain out water from the cotton, maize, arhar crop field.
3. Continue transplanting paddy in main field and beushaning in direct seeded rice.
4. Carry out spraying insecticides or pesticides mixing with sticker in crops as per requirement observing the forecasted rain.
5. Postpone irrigation to the crops as rain is realized and forecasted.

Crop Specific Advisory:

Kharif Paddy:

1. The paddy seedlings are two to four week stage in nursery. Prepare the main field for transplanting paddy at three-four week stage of seedlings.
2. The transplanted paddy is at seedling establishment to two week stage in main field. Go for transplanting paddy with three to four week old seedlings. Apply 2t FYM per acre before final land preparation. In short duration varieties apply 26kg DAP with 10kg MOP and in medium and long duration varieties apply 35kg DAP with 13kg MOP per acre before transplanting.
3. Apply pretilachlor 600ml/acre or oxadiagryl 32g/acre mixing in 200lit of water or 8-10kg sand after 1-3 days after transplanting paddy to control weeds.
4. The direct seeded rice is at four to five week stage. Complete beushaning and apply urea 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Repair the bunds to prevent water leakage after fertilizer application.

Dhanicha:

1. The crop is at five to six week stage. Mix the Dhanicha crop at six week stage by trampling with tractor or bullock drawn plough before puddling.

Cotton:

1. The crop is at two to five week stage. Make drainage arrangement to drain out rain water from the crop field.
2. Go for hoeing, weeding and 1st top dressing followed by earthing up at three week stage of cotton. Apply 26kg urea with 20kg

MOP in hybrids and 20kg urea with 15kg MOP in high yielding varieties as 1st top dressing.

Maize:

1. The crop is at two to four week stage. Make drainage arrangement from maize crop field.
2. At three week stage of maize go for hoeing, weeding and 1st top dressing followed by earthing up. Apply 52kg urea in hybrids as 1st top dressing.

Arhar:

1. The crop is at one to four week stage. At three week stage complete hoeing, weeding followed by earthing up.
2. Make drainage arrangement from the field already sown.

Greengram:

1. The crop is at one to three week stage.
2. At three week stage of greengram go for hoeing, weeding followed by earthing up. Make drainage arrangement from the field.

Groundnut:

1. The crop is at two to four week stage. Go for light hoeing, weeding and earthing up at three week stage of crop.

Sugarcane:

1. The crop is at grand growth (22 -23 week) stage.
2. Make arrangement to drain out water from the field as rain is expected.
3. Postpone irrigation.

**Nodal Officer
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