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Week No.14

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Dt. 05.04.2024
(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (30.03.2024 to 05.04.2024)

| | |
|---------------------------------|------------------|
| Rainfall (mm) | 0.0 |
| Maximum Temperature (°C) | 37.9-40.3 |
| Minimum Temperature (°C) | 23.9-26.4 |

Forecast (Up to 10.04.2024) given by Met. Centre, IMD, Bhubaneswar

| Date | Rainfall (mm) | T-MAX (°C) | T-MIN (°C) | Cloud Cover | Rh Max (%) | Rh Min (%) | Wind speed (kmph) | Wind Direction (deg) |
|-------------|----------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------------|-----------------------------|
| 06-04-2024 | 0 | 39 | 27 | 0 | 45 | 10 | 10 | 290 |
| 07-04-2024 | 2 | 39 | 26 | 1 | 46 | 8 | 11 | 162 |
| 08-04-2024 | 15 | 37 | 24 | 6 | 34 | 13 | 8 | 225 |
| 09-04-2024 | 12 | 36 | 25 | 7 | 59 | 18 | 13 | 297 |
| 10-04-2024 | 2 | 36 | 25 | 4 | 52 | 26 | 7 | 290 |

As per IMD forecast, dry weather for tomorrow then very light to light rainfall is expected in Dhenkanal district during next four days. The sky will remain clear to generally cloudy. The wind speed is likely to remain 07-13 km/h. The maximum temperature will remain between 36-39°C and minimum temperature will remain between 24-27°C during next five days. The maximum RH will remain between 34% to 52% and minimum RH between 08% to 26% during next five days.

Agromet Advisory

General Advisory:

- ❖ In view of light rainfall forecast withhold irrigation activity for the next five days.
- ❖ Initiate summer ploughing with the availability of soil moisture.
- ❖ Harvest the matured Pulses and oilseeds crop. After harvesting, dry the seeds until the optimum moisture content is attained. Clean the entire surface where the storage is to be done.

PADDY (Summer):

Neck Blast - High variation of temperature between day and night leads to infestation of Neck Blast disease. To control blast disease spray Hexaconazole 5 % SC @ 400 ml/acre or Azoxystrobin 18.2% + Difenconazole 11.4 % S.C @ 200ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80 gram/acre.

Panicle Mites-To control panicle mite in paddy spray Diafenthuran @ 400 g/acre or Abamectin @ 200 ml/ac or Fenpyroximate @ 400 ml/ac with 200 litres of water.

SUGARCANE:

There are chances of **Grassy shoot disease** incidence in Sugarcane crop. To manage this disease, select healthy and disease-free setts. Uproot and dispose the infected plants by burning. To manage the vector (Aphids) of the disease spray Thiamethoxam 25% W.G @ 40 g/acre or Acetamiprid 20% S.P. @ 50 g/acre or Imidacloprid 17.8% SL @ 60ml/acre by mixing in 200 litres of water.

BRINJAL:

Little leaf of Brinjal disease is a mycoplasma disease which is transmitted by leaf hopper in brinjal. To manage little leaf in brinjal first remove and destroy the infected plant. To control the vector of the disease sprav Thiamethoxam 25 % WG @ 40 g/acre or Flonicamid 50% WG

CHILLI:

There are chances of infestation of sucking pest like **Aphids and Thrips** in Chilli crop. To manage aphids and thrips in chilli during primary stage of pest infestation spray neem-based pesticide 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. To manage these pests chemically spray Thiamethoxam 25 % WG @ 40g/acre Acetamiprid 20% S.P. @ 50g/acre or Profenophos 40 % + Fenpyroximate 2.5 % EC @ 400 ml/acre.

CUCURBITS:

To control **Epilachna Beetle** spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3 ml/litre of water at early stage of infestation. Spray Chlorpyrifos 20 % EC @ 2 ml/litre of water or Profenophos 50 % EC @ 2 ml/litre of water.

OKRA:

To control **YMV disease** whitefly management should be done. Diseased plants should be rogued out to prevent further spread of the disease. To manage whitefly infestation at early stage of crop spray Neem based pesticide 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. If the infestation is severe than go for chemical pesticide like Thiamethoxam @ 40-gram/acre or Acetamiprid @ 50 g /acre by mixing in 200 litre of water.

ANIMAL HUSBANDRY:

During scorching heat the animals should be tied under tree shed. If the roof the animal shed is made up of tin or asbestos, then put straw over it and sprinkle water on it from time to time. Cover the windows and doors of the shed with wet gunny bag and remove it after sun set. Do white washing over walls and the roof of the house. If you are keeping high producers then install fans, water sprinklers and other heat reducing instruments. If the animal is succumbed due to heat stress then apply ice and wet clothes over its head and call a Veterinarian as soon as possible.

**Approved by ADR cum Nodal Officer
GKMS-AMFU, RRTTS
Mahisapat, Dhenkanal**

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