



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
 Orissa University of Agriculture & Technology,
 Bhubaneswar



Agromet Advisory Bulletin

Date : 12-01-2024

Weather Forecast of District ANUGUL(Odisha) Issued On : 2024-01-12(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2024-01-13 | 2024-01-14 | 2024-01-15 | 2024-01-16 | 2024-01-17 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 28.0 | 28.4 | 28.0 | 28.0 | 27.0 |
| Tmin(°C) | 14.0 | 13.0 | 14.0 | 14.0 | 15.0 |
| RH-I(%) | 64 | 56 | 74 | 82 | 94 |
| RH-II(%) | 31 | 21 | 21 | 29 | 31 |
| Wind Speed(kmph) | 6 | 5 | 5 | 5 | 8 |
| Wind Direction(Degree) | 79 | 116 | 135 | 117 | 118 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 0 | 4 |

Weather Summary/Alert:

Angul district is likely to receive Clearly to Partly cloudy sky in coming five days .The maximum temperature may range from 27-28.4°C. The minimum temperature may range 13-15°C. The wind will blow usually Easterly to Southerly with a speed of 5-8 kmph up to Tuesday. The maximum and minimum humidity is likely to remain in the range of 56-94% and 21-31% respectively. According to ERFs product Mainly dry weather very likely to prevail over the districts with Isolated dense fog during week-1 of Odisha during week-1 (5th to 11th January 2024) . Mainly dry weather very likely to prevail over the districts Odisha during most of the days of week-2(12th to 18th January 2024) except isolated rainfall activity in some days over some districts of Odisha.

General Advisory:

In view of prevailing low temperature, Provide light irrigation to standing vegetables and crops during morning hours. Pause sowing of rabi pulses and oil seeds for upcoming 5 days. Farmers are advised to prepare nursery bed and treat the paddy seeds with Carbendazim 50% W.P @ 2 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g/1 kg of seeds before sowing in the nursery. Spraying of pesticides to be done after 3 pm to protect the honeybee. Mulch vegetable seedling with straw or other mulching material to avoid cold injury.

SMS Advisory:

Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUSTARD | There are chances of Aphid infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre. Spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. If the infestation is severe than spray chemical pesticide Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW | If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. Due care should be taken to store/procure fodder for periods of shortage that may occur during the winter months in certain areas. Perennial grasses must be cut at this time. |

Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CHICKEN | In view of prevailing low temperature, for maintaining heat in the poultry shed use electric bulbs or install heaters in the shed. Cover the farm with polythene or gunny bag. |