



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
 Birsa Agricultural University  
 Ranchi, Jharkhand



## **Agromet Advisory Bulletin**

Date : 20-05-2022

Weather Forecast of District GARHWA(Jharkhand) Issued On : 2022-05-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-21	2022-05-22	2022-05-23	2022-05-24	2022-05-25
Rainfall(mm)	0.0	0.0	2.0	2.0	3.0
Tmax(°C)	45.0	45.0	43.0	43.0	41.0
Tmin(°C)	33.0	33.0	31.0	31.0	30.0
RH-I(%)	20	24	43	38	64
RH-II(%)	8	8	11	14	12
Wind Speed(kmph)	14.6	16.4	15.3	10.0	14.2
Wind Direction(Degree)	214	289	288	120	68
Cloud Cover(Octa)	2	4	4	3	2

### Weather Summary/Alert:

Cloud will present in the sky during next few days and either drizzle or light rain is also expected.

### General Advisory:

Due to pre- monsoon rain, sufficient moisture is present in the soil and hence, farmers may plough their field across the slope, strengthened the bund accordingly, construct small water harvesting structure (Dobha) at lower portion of the land, dug the pit for plantation of fruit or timber seedling, sow green manure crops to enhance fertility status of soil. Interculture operation must be performed in various established crops/vegetables to conserve soil moisture for a longer period and broadcast urea as per their requirement. Farmers wish to cultivate ginger, turmeric or Elephant foot yam, now have to sow the seed on ridge only.

### SMS Advisory:

To enhance the fertility status of the soil of Rice field, sow the green manure crops.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GINGER	Select one of the improved variety of ginger seeds like Bardhwan, Suruchi, Suprabha, Nadiya etc. and sow the seed at a spacing of 40 cm (row to row) and 10 cm (plant to plant). 8 quintal of seeds, 80 quintal compost, 53 kg DAP, 70 kg Urea and 40 kg Muriate of potash is needed for cultivation in one acre.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TURMERIC	Select improved variety of turmeric seeds like Sonia and sow the seed at a spacing of 40 cm (row to row) and 15 cm (plant to plant). 8 quintal of seeds, 80 quintal compost, 53 kg DAP, 70 kg Urea and 40 kg Muriate of potash is needed for cultivation in one acre.

Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	Farmers wish to prepare papaya seedlings, may sow the seeds in polythene bag filled with soil and well rotted cow dung manure. After seeding irrigate them as per requirement.
BITTER GOURD	Drying of leaves as well as plant of cucurbitaceous vegetables may be due to attack of red mites. To control this insect spray the insecticide Dikopal (@ 3 ml per liter of water) or Omytes/Maijister (@ 2 ml per liter of water) at an interval of one week during clear weather at evening.
CHILLI	Spray the fungicide Kavach @ 2 gm per liter of water against fruit rot disease.
MANGO	Select the suitable place for plantation of different fruit seedlings in rainy season and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.

**Others (Soil / Land Preparation) Specific Advisory:**

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
RAIN WATER HARVESTING	Construct small water harvesting structure (Dobha) with a dimension of 10'x10'x10' at the lower part of sloppy land to use the harvested water either as life saving irrigation in Kharif crops or in rabi crop cultivation.