



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Odisha University of Agriculture and Technology**  
**Bhubaneswar -751 003**

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**Nodal Officer**

**Week No.24**

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**District: NAYAGARH**

Summer ploughing is going on. Sowing of green manuring of crop is going on. Summer sesame, maize and sunflower and summer vegetables like okra and cucurbits are at harvest or post harvesting stage. Harvesting of summer Pulses like Mung and Biri is going on. Plant protection of jasmine is going on. Onion and garlic are at harvesting stage. Intercultural operation of Jute and planting of zinger and turmeric are going on.

**Forecast (Up to 16.06.2019)**  
**Given by Met. Centre, IMD, Bhubaneswar**

**District: Nayagarh** – The district is likely to be dry on Tuesday and Saturday and may receive light to low rain on rest days with partly cloudy sky. The wind speed will remain within 3 to 8 kmph up to next four days. The daily maximum temperature is likely to increase by 1 °C on Wednesday and may decrease gradually by 3 °C by Saturday. The daily minimum temperature may decrease by 2 °C by Thursday.

DISTRICT	<b>NAYAGARH</b>				
<b>Date</b>	12-06-2019	13-06-2019	14-06-2019	15-06-2019	16-06-2019
<b>Rainfall (mm)</b>	0	2	10	3	0
<b>T-MAX (C)</b>	39	40	39	37	37
<b>T-MIN (C)</b>	28	27	26	27	27
<b>Cloud Cover</b>	3	3	4	4	4
<b>Rh Max (%)</b>	50	44	76	51	52
<b>Rh Min (%)</b>	20	17	23	20	29
<b>Wind speed (kmph)</b>	3	8	7	7	6
<b>Wind Direction (deg)</b>	218	231	268	207	247

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

**Agromet Advisory**

- As monsoon is going to onset within 3<sup>rd</sup> week of June(17-18), Complete sowing of direct seeded paddy in low land and medium low land. 18e district is going to receive fair amount of rainfall during coming three days, for better utilization of soil moisture, go for land preparation for sowing of long duration (around 120 days duration or more ) non-paddy crops like groundnut, arhar , cotton in rainfed upland.
- Go for sowing of green manure crops
- Go for harvesting followed by threshing of summer pulses, sesame, groundnut and sunflower
- Go for early sowing of kharif vegetables like okra and cucurbits.
- Complete digging of holes for planting of fruit trees before monsoon, so that the planting can be carried out immediately after the onset of monsoon.

**Prepare the kharif crop plan depending** upon the land type, soil fertility and irrigation facility. Always use the certified seeds and change it in every 3 years.

- Early- Khandagiri, Bandana, Pathara, Parijat, Annada
- Medium- MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat
- Late- CR-1009, CR-1018, Swarna, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, Lunishree and Fine- CR-1014, BPT-5204

**ARHAR** : Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration- Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance

**GREEN MANURING CROP**: The weather and time is optimum for sowing of green manuring crops like Sesbania and sunhemp in areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before planting. Use 10 kg seeds per acre. Otherwise 6 kg/acre in case of mixed planting with paddy. Sowing time should be adjusted in such a way that the crop will attain 5-week stage just at 7 days before transplanting. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) .

**DIRECT SEEDED RICE** Go now for direct seeding of rice in up, medium, low and deep low land and complete direct sowing by June 1<sup>st</sup> week. Before sowing treat the seeds with 3 g Tiram or 1.5 g Topsin-M/kg seeds. Use 25 kg seeds per acre for line sowing and 30 kg for broadcasting. Apply all the recommended dose of fertilizer as basal in upland, while 50% N and all P& K as basal in medium and low land.

**SOWING OF RICE** As the monsoon is reaching Orissa very shortly, the weather may be suitable for nursery sowing of rice, mainly the dry bed nursery for early transplanting of rice by 1<sup>st</sup> week of July.

**Dry bed nursery** :Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length.Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Use 25 kg of seeds/acre .Treat the seeds with 3 g Thiram or Topsin-M/kg of seeds before sowing.

**YAM**: May to June is the optimum time for yam planting. Grow suitable high yielding varieties of yam like Local variety: Shreekirti, Shreerupa, Hatikhaj, Shreeshilpi., Small yam: Shreelata, Shreekala, White yam: Shreesubhra, Shreepriya, Shreedhanya, 8-10 quintals yam required for planting in one acre. Cut the yam into pieces of 150-200 g each. Dig out 1.5 ft. dia and 1.5ft deep holes at 3X3 ft spacing. Apply 5 tons FYM during final land preparation. Apply full P of the recommended fertilizer dose of 32:24:32 kg NPK/acre as basal. Plant the seed material at 5-10 cm sowing depth. Cover the beds with straw mulch of 5 cm height.

**MAIZE**: The weather is optimum for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, may be collected Govt. Sales Centre available at Block level. Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.



**OKRA**: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow Improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvani kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars. and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg. seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm spacing for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

**Please if any information: Contact Kisan Call Center Toll Free No. 1800 180 1551**

**Nodal Officer**