- The transplanted paddy is at hard dough to grain maturity stage in the main field.
- Harvest the paddy crop by leaving one metre from the bond if grain is to be kept for seed purpose.
- For harvesting early in winter season, go for sowing radish and nursery sowing of cabbage and cauliflower.
- Drain out the water from paddy field, 15 days before harvesting of the crop. Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour.
- Plough the land immediately after harvesting of rice and sow different Rabi crops if having assured irrigation facility.
- Harvest the crop by leaving one metre from the bond if grain is to be kept for seed purpose. Dry the harvested paddy grains in direct sunlight for 2-3 days to get the moisture content at 14%. For seed purpose the grain should be dried to below 12% moisture content.
- Optimum time foe sowing of Rabi mustard has come, use varieties like T-9, PT-303, Nirmal black gold, uttra and 3-5 kg of seed for line sowing. Use 3 gram of Captan or Thiram per 1 kg of seed. Give spacing of 20*10 cm in late varieties and 30*10 cm in early sown varieties.
- Complete the nursery rising for tamato and brinjal.
- Varieties like Agrifound light Red, Agrifound Dark Red, Bhima Shakti, Bhima Super, Arka Niketan etc are suitable for our Odisha condition during winter season. For one acre of Onion cultivation 4-Kg of seeds require to raise the nursery. Before sowing, seed treatment should be done with Carbendazim 50% WP @ 2-gram/ per kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S @ 3-gram/ kg of seeds. To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim @ 2-gram/litre of water at 15 days interval. Seedlings of 8-weeks old are planted in the main field.
- Present weather condition is suitable for infestation of sigatoka in banana. Go for application of Propiconazole @1ml/ltr for 2-3 times in 25 days interval.
- After harvesting of paddy in medium land, it is ideal time for land preparation for sowing pulses like green gram, black gram and pea. Right time to take up Paira crop which can be sown seven days before harvesting of paddy. Sow the seeds after treating with Carboxin+Thiram @ 2gm/kg of seed. Treat the seed after 7 days of above insecticide with specific Rhizobium culture before sowing. Mix 400g culture with 3g Ammonium molybdate & 800 ml water and apply with 10 kg of seed. Seed rate: Green gram and Black gram: 25-30Kg/ha. Pea-50Kg/ha. Fertilizer dose:20-40-20 Kg N-P2O5-K2O/ha
- In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

### RICE -

The transplanted paddy is at hard dough to grain maturity stage in the main field. Lowering of temperature may favour incidences of post flowering diseases like false smut. So, farmers are requested to be vigilant and take need based control measures. To manage this disease spray Carbendazim 50 % WP @ 400-gram/acre or Copper Hydroxide 77 % WP @500-gram/acre or Chlorothalonil 75 % WP @ 400-gram/acre by mixing in 200-litre of water.

### Patato:

Go for hoeing and hand weeding at 21 DAS and earthing of should be done by applying 26 kg of urea and 20 kg of MOP in line on both side at 3-4 cm from the plant and depth of 2-3 cm.

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<th>T-MIN (°C)</th>
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<th>Rh Max (%)</th>
<th>Rh Min (%)</th>
<th>Wind speed (kmph)</th>
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Mustard:
Go for thinning of crop at 15 DAS to maintain plant to plant spacing at 10 cm. Go for hoeing and hand weeding at 21 DAS and apply 21 kg of urea in irrigated condition at this stage.

Livestock:
PPR disease also known as ‘Goat Plague’ is common during winter. This viral disease that affect goats and sheep which causes sudden fever, pneumonia and coughing.

Fisheries:
Apply CaO @ 40 kg/ ac.m to the fish ponds. Reduce the fish feed by 20% as the intake of feed by the fish reduces due to fall in temperature. In winters wounds in fish are common. It spreads rapidly from one fish to another. Initially red spots are noticed on the scales which later turned into wounds. To control this disease apply CIFAX 400 ml in one acre pond starting from October to January

For any problem related to agriculture sector, please dial the toll free number 1551.

TECHNICAL OFFICER ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER