



AAS, Jorhat Unit

## Integrated Agromet Advisory Service Bulletin for the District of Golaghat

(Period 10<sup>th</sup> September to 14<sup>th</sup> September 2010)

(Issued jointly by IAAS-Jorhat Unit, Assam Agricultural University and IMD, Pune)



IMD, PUNE

### Significant past weather for the preceding week

Total rainfall (mm)	NA
Maximum temperature range (°C)	NA
Minimum temperature range (°C)	NA
Mean Relative humidity (%)	NA
Wind speed (kmp/h)	NA

### Weather forecast until 08.30 of 14-09-2010 (Given by Regional Meteorological Centre, Guwahati)

Parameters	10-09-2010	11-09-2010	12-09-2010	13-09-2010	14-09-2010
Rainfall (mm)	23	17	16	18	27
Max temp (°C)	31	30	28	31	29
Min temp (°C)	25	25	24	24	24
Total cloud cover (Okta)	8	8	8	8	8
Max (Morning) RH (%)	95	100	100	99	98
Min (Evening) RH (%)	93	96	82	81	83
Wind speed (kmph)	006	006	003	003	002
Wind direction(degrees)	170	20	290	340	320

**5 days cum. Rainfall (mm) for the period from 10.09.2010 to 14.09.2010 = 101 mm**

### Crop Information

Transplanting of sali paddy is over and it is now tillering stage. Seed bed preparation and sowing operation for mid season cauliflower, early maturity cabbage, knolkhol, brinjal(both long and round variety), radish etc., are going on. Transplanting of seedlings of early cauliflower from nursery bed to the main field is going on. Rice hispa and leaf folder attack is observed in the late transplanted sali rice field.

### Agrometeorological Advisories for coming 5 days

Sali paddy	Those who had lost seedlings in flood affected areas, may practiced for sowing seeds of the varieties like Luit, Kapili, Culture-I etc directly to the main field upto 2 <sup>nd</sup> week of September. These have short duration (90-95 days). Recommended dose for seed rate is 8-10 kg/bigha
	Farmers are advised to repair the field bunds to reserve water in the paddy field. In case of 25-30 DAT crop, apply the 2 <sup>nd</sup> dose of top dressing of urea @ 3 kg per bigha for semi dwarf and 1.5 kg per bigha for indigenous varieties .
	In seedling and tillering stage of rice, attack of leaf folder or rice hispa may occur. Take preventive and IPM measures against leaf folder and rice hispa. When there is one damage leaf per hill due to attack of leaf folder or appearance of one adult hispa per hill is observed farmers are advised to spray Chloropyriphos 20EC or Monocrotophos 40EC @ 1.5ml per liter of water. Leaf folder attack can be reduce by spraying of Nuvacron 5ml per lit of water
Cauliflower & Cabbage	Sowing of <b>cauliflower</b> seeds @8-10gm/sq.m for mid season varieties (like Improved Japanese, Pusa Synthetic, Pusa Snowhall) and <b>early maturity cabbage</b> varieties (like Golden Acre, Pride of India, Pusa Mukta) can be started from this week. Seed treatment should be done with captan or thiram @3g/kg before sowing the seeds. 80g seed is required for cultivating1bigha of land.
Knolkhol & Brinjal	Sowing of <b>knolkhol</b> seeds @10gm/sq.m for early maturity varieties (like White Vienna) and <b>Brinjal</b> seeds@10gm/sq.m for long varieties (like Cluster, JC-1, Kuchia, Pusa Kranti, Pusa Purple Long) or round varieties (like Pusa Purple Round, Pusa Vairab, JC-2, BWR-12) can be started from this week. 80-90g seed is required for cultivating1bigha of land in case of both crops.
Radish	Sowing of seeds @8-10gm/sq.m for early varieties of <b>raddish</b> like Pusa Desi, Pusa Himani, Pusa Chetki can be started from this week. Seed treatment should be done with captan or thiram50 WP @3g/kg before sowing the seeds. 1Kg seed is required for sowing1bigha of land.
Animals	The farmers who have not vaccinated their domestic live stocks like cattle, goat and pigs should be vaccinated against BQ, HS, Foot and mouth disease as well as anthrax disease. Need based use of anti worm drugs may help the cattle to get rid of liver ailments.
Fishery	Nylon net should be erected around the ponds in low lying areas to avoid free movement of fishes from insides and outside the ponds.
Suggestion	Contact nearby SAU Scientists or state Agril. Staff for measures against adverse conditions