



AAS, Jorhat Unit

(Prepared Based on District wise Weather Forecast received from RMC, Guwahati)

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

(Period 21st January to 25th January, 2012)

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Weather summary of the preceding week (14.01.12 – 20.01.12)	Weather forecast valid from 21 st January to 25 th January , 2012
Not Available	Partly cloudy sky will prevail during this week. 3mm rainfall is predicted in this week. Mainly north easterly wind with a speed of 4.0 kmph is expected. Maximum temperature is predicted as 20,20,21, 21 & 22°C and minimum as 8,8,7,7 & 8°C on 21 st , 22 nd , 23 rd , 24 th and 25 th January, 2012 respectively. Morning and evening relative humidity will be around 97,87,87,80 & 81% and 58,55,50,40 & 38 % on 21 st , 22 nd , 23 rd , 24 th and 25 th January, 2012 respectively.

Agromet advisory for the coming week: Based on the above climatic conditions, the agromet advisories for the farmers are as follows-

Main Crops	Stage	Pest/Diseases	Agromet Advisories
Boro paddy	Transplanting & seedling	-	Around 5 cm of standing water in the field should be maintained 2-3 DAT to 7-10 days before harvest. Application of Urea as 1 st split dose should be given after 20 DAT & another one is given after 40 DAT. Two weeding viz, 20 & 40 DAT should be applied just after fertilizer application. Irrigation should be temporarily withheld as rainfall was occurring in the last week.
Wheat	Seedling	-	Two irrigations of 6 cm depth each is to be given in wheat crop. One at CRI stage (25-30 days after sowing) and the another one at heading stage (70-75 days after sowing). Irrigation should be avoided when ground water table remains within 50cm of the root zone. Irrigation should be temporarily withheld as rainfall was occurring in the last week.
Rapeseed mustard	& Flowering and siliqua formation	Aphid/Saw fly	Farmers are advised to apply Endosulfan @2ml per lit. of water in toria field during afternoon hours on sunny days to control aphid and saw fly.
Potato	Tuber formation/development stage	Late blight	Due to rainfall, the blight attack of potato may appear in the field. For controlling the late blight of Potato, spray Mancozeb 75% a.i. (2.5g/l) at an interval of 12 days. It may also be sprayed as prophylactic measure.
Cole crops	vegetative, maturity and harvesting	Leaf eating caterpillars	Along with top dressing of fertilizers apply dry compost in ring method at 25 days interval. Wipe out plants affected by Bacterial wilt and drench root zone of unaffected plants with mixture of 1gm Hing + 5 gm Turmeric powder in 10 litre water. Do not plant brinjal and tomato nearby.
Rabi pulses like lentil, rajmah, lathyrus	Flowering, pod formation stage	-	Temporarily withheld irrigation.
Sugarcane	Setts selection/Land preparation	-	January is the time for site selection, land preparation and setts selection for Early planted sugarcane. Select upland area for the crop. Trenches/Furrows should be made at distance of 75-90cm. Compost or FYM has to be applied @ 10t/ha in Trenches/Furrows. Urea, SSP and MOP should be applied @ 40, 60, 15kg/bigha respectively. 3-4 budded setts free from red rot and borer infestations of recommended varieties like Kolong, Luhit, Dhansiri, Co 1148 etc. should be collected as planting material, Setts are to be treated by dipping in 0.2% sol. of captan, mancozeb or 0.1% carbendazim
Animal care (poultry)	-	Ranikhet disease	Artificial heating through lighting of electric bulb at poultry house during night time may protect the birds from fall of night temperature and reduce the incidence of mortality. Vaccination to control the <i>ranikhet</i> disease of poultry may be done during this period. In case of lacrimation and swelling of the head, treat the fowl with Sulphur drugs.
Suggestion	Contact nearby SAU Scientists or State Agril Staff or KVK staff for measures against adverse conditions		

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