

# UTTAR BANGA KRISHI VISWAVIDYALAYA

Gramin Krishi Mausam Sewa

AMFU: Pundibari

P.O. Pundibari, Cooch Behar, West Bengal - 736165



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(Bulletin is only for Terai Zone)

## Weather Forecast for Cooch Behar District

Date: 25.10.2016

FORECAST PERIOD: 26<sup>th</sup> October to 30<sup>th</sup> October 2016

### Past four days weather condition

Rainfall (mm)				Max. Temperature (Deg C)	Minimum Temperature (Deg C)	Relative Humidity (%)
Friday	Saturday	Sunday	Monday	Friday-Monday	Friday-Monday	Friday-Monday
0.0	0.0	0.0	0.0	32-33	18-19	80-85

### Weather forecast for next five days

- Clear sky will remain from 26<sup>th</sup> to 27<sup>th</sup> October and mainly cloudy sky will remain from 28<sup>th</sup> to 30<sup>th</sup> October 2016.
- No rainfall will occur on 26<sup>th</sup>, 27<sup>th</sup>, 28<sup>th</sup>, 30<sup>th</sup> October and very light rainfall will occur on 29<sup>th</sup> October 2016.
- Wind north easterly from 26<sup>th</sup> to 30<sup>th</sup> October, average speed of 5-6 km/hr is expected.
- Maximum temperature is expected to be around 32°C to 33°C and minimum temperature is expected to be 18-19°C.
- Maximum and minimum relative humidity is expected to be 77-91% and 51-62% respectively.

### Agrometeorological Advisories

#### Advisory

<b>General</b>	No rainfall will occur on 26 <sup>th</sup> , 27 <sup>th</sup> , 28 <sup>th</sup> , 30 <sup>th</sup> October and very light rainfall will occur on 29 <sup>th</sup> October 2016. Apply the irrigation as when as required.
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### Agriculture and Horticulture

Main Crops	Stage	Pest & Diseases	Advisory
Rice	vegetative	Blast, Sheath blight, Gundhi bug	In case of Blast or Brown spot of Rice apply tricyclazole @0.75g/lit. of water. For sheath blight apply validamycin @2ml/lit of water, repeat the application after 7 to 10 days of 1 <sup>st</sup> spraying. For Gundhi bug apply Fipronil SSC@ 1ml/lit. of water. For ear cutting caterpillar apply DDVP and $\alpha$ cypermethrin mixture at afternoon hour.
Ginger, Turmeric			Draining out of excess water, in case of leaf yellowing due to rotting of rhizomes apply (Matalaxyl + Mancozeb) @2.0 g/ lit. of water. For spot of turmeric apply Hexaconazole @ 1ml/lit. of water as foliar spray.
Legume vegetable	Fruiting	Aphid, White fly, Jassid, Mosaic	If infestation is in small scale sprinkle ash. If infestation is in large scale then apply Thiamethoxam @1g/3lt or Acetamiprid @1ml/lit. of water. Uprooting of mosaic affected plant followed by application of Acetamiprid@1ml/lit. water.
Chilli	Seedling	Damping off	To avoid damping off treat the seed bed soil with trichoderma mixed with organic manure @5g/kg and treat the seeds with thiram @2 g/ kg of seed before sowing. After emergence if there is death of seedlings, then apply copper oxy chloride as soil drenching @ 2g/lit. of water.
Brinjal		Fruit and Shoot borer, Wilt	For the management of extreme fruit and shoot borer infestation one application of coragen @ 4 ml/tank(15 lit.). Drain out the excess water in case of bacterial wilt uproot the wilted plant and apply bleaching powder at the site. Stop irrigation & application of N-fertilizer. If required apply irrigation water mixing with bleaching powder.
Cucurbits	Fruiting	Rotting of fruits/ vines White fly, Red mite	Avoid contact of fruits with soil. Apply (Metalaxyl + Mencozeb) @ 2g/lit. of water or (Cymoxanil + Mancozeb) @ 25gm/tank (16lit) for fruit and vine rot. For white fly, hoppers apply Acetamiprid @ 1ml/lit. water. For red mite apply spiromesifen (pyromite) 1 ml/lit. of water.
Crucifers	Seedling	Damping off	Treat the seeds with captan or thiram @2g/kg of seed. After emergence of seedling to avoid damping off apply Cu-oxychloride @ 2g/lit. of water as soil drenching.
Betel vine		Vine rotting	To avoid vine rotting apply (Carbendazim 2g + Chlorothalonil 1g) or Bordeaux mixture 1% at the base of plant. Avoid water stagnation at the base.

### Animal Husbandry and Fishery

Name of Animal	Disease	Control measures
Cattle and Buffalo	Black Quarter (BQ) and Foot and Mouth Disease (FMD)	Vaccination is the principal way to protect animals. For vaccine contact nearest animal health centre. The vaccine should be given to all animals. Above 3 months of age & repeat every 6 months interval.
Fish (All type)	Possibility of disease outbreak specially Epizootic Ulcerative Syndrome (EUS) that causes several mortality of fish in pond particularly having low alkalinity and hardness	Fish pond must be applied with 60kg of lime (calcium oxide) per bigha. By the end of October and observation of fish is essential through netting

Dr. Subhendu Bandyopadhyay, Nodal Officer, AMFU: Pundibari

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Gramin Krishi Mausam Sewa  
AMFU: Pundibari

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## Weather Forecast for Jalpaiguri District

Date: 25.10.2016

FORECAST PERIOD: 26<sup>th</sup> October to 30<sup>th</sup> October 2016

### Past four days weather condition

Rainfall (mm)				Max. Temperature (Deg C)	Minimum Temperature (Deg C)	Relative Humidity (%)
Friday	Saturday	Sunday	Monday	Friday-Monday	Friday-Monday	Friday-Monday
0.0	0.0	0.0	0.0	32-34	19-20	60-85

### Weather forecast for next five days

- Clear sky will remain from 26<sup>th</sup> to 27<sup>th</sup> October and mainly cloudy sky will remain from 28<sup>th</sup> to 30<sup>th</sup> October 2016.
- No rainfall will occur from 26<sup>th</sup> to 30<sup>th</sup> October 2016.
- Wind north easterly on 26<sup>th</sup>, 27<sup>th</sup>, 30<sup>th</sup> October and easterly from 28<sup>th</sup> to 29<sup>th</sup> October, average speed of 3-4 km/hr is expected.
- Maximum temperature is expected to be around 32°C to 33°C and minimum temperature is expected to be 18-19°C.
- Maximum and minimum relative humidity is expected to be 77-91% and 51-62% respectively.

### Agrometeorological Advisories

<u>Advisory</u>			
<b>General</b>	No rainfall will occur from 26 <sup>th</sup> to 30 <sup>th</sup> October 2016. Apply the irrigation as when as required.		
<u>Agriculture and Horticulture</u>			
Main Crops	Stage	Pest & Diseases	Advisory
Rice	vegetative	Blast, Sheath blight, Gundhi bug	In case of Blast or Brown spot of Rice apply tricyclazole @0.75g/lit. of water. For sheath blight apply validamycin @2ml/lit of water, repeat the application after 7 to 10 days of 1 <sup>st</sup> spraying. For Gundhi bug apply Fipronil SSC@ 1ml/lit. of water. For ear cutting caterpillar apply DDVP and $\alpha$ cypermethrin mixture at afternoon hour.
Ginger, Turmeric			Draining out of excess water, in case of leaf yellowing due to rotting of rhizomes apply (Matalaxyl + Mancozeb) @2.0 g/ lit. of water. For spot of turmeric apply Hexaconazole @ 1ml/lit. of water as foliar spray.
Legume vegetable	Fruiting	Aphid, White fly, Jassid, Mosaic	If infestation is in small scale sprinkle ash. If infestation is in large scale then apply Thiamethoxam @1g/3lt or Acetamiprid @1ml/lit. of water. Uprooting of mosaic affected plant followed by application of Acetamiprid@1ml/lit. water.
Chilli	Seedling	Damping off	To avoid damping off treat the seed bed soil with trichoderma mixed with organic manure @5g/kg and treat the seeds with thiram @2 g/ kg of seed before sowing. After emergence if there is death of seedlings, then apply copper oxy chloride as soil drenching @ 2g/lit. of water.
Brinjal		Fruit and Shoot borer, Wilt	For the management of extreme fruit and shoot borer infestation one application of coragen @ 4 ml/tank(15 lit.). Drain out the excess water.in case of bacterial wilt uproot the wilted plant and apply bleaching powder at the site. Stop irrigation & application of N-fertilizer. If required apply irrigation water mixing with bleaching powder.
Cucurbits	Fruiting	Rotting of fruits/ vines White fly, Red mite	Avoid contact of fruits with soil. Apply (Metalaxyl + Mencozeb) @ 2g/lit. of water or (Cymoxanil + Mancozeb) @ 25gm/tank (16lit) for fruit and vine rot. For white fly, hoppers apply Acetamiprid @ 1ml/lit. water. For red mite apply spiromesifen (pyromite) 1 ml/lit. of water.
Crucifers	Seedling	Damping off	Treat the seeds with captan or thiram @2g/kg of seed. After emergence of seedling to avoid damping off apply Cu-oxychloride @ 2g/lit. of water as soil drenching.
Betel vine		Vine rotting	To avoid vine rotting apply (Carbendazim 2g + Chlorothalonil 1g) or Bordeaux mixture 1% at the base of plant. Avoid water stagnation at the base.
<u>Animal Husbandry and Fishery</u>			
Name of Animal	Disease		Control measures
Cattle and Buffalo	Black Quarter (BQ) and Foot and Mouth Disease (FMD)		Vaccination is the principal way to protect animals. For vaccine contact nearest animal health centre. The vaccine should be given to all animals. Above 3 months of age & repeat every 6 months interval.
Fish (All type)	Possibility of disease outbreak specially Epizootic Ulcerative Syndrome (EUS) that causes several mortality of fish in pond particularly having low alkalinity and hardness		Fish pond must be applied with 60kg of lime (calcium oxide) per bigha. By the end of October and observation of fish is essential through netting

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## Weather Forecast for North Dinajpur District FORECAST PERIOD: 26<sup>th</sup> October to 30<sup>th</sup> October 2016

Date: 25.10.2016

### Past four days weather condition

Rainfall (mm)				Max. Temperature (Deg C)	Minimum Temperature (Deg C)	Relative Humidity (%)
Friday	Saturday	Sunday	Monday	Friday-Monday	Friday-Monday	Friday-Monday
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### Weather forecast for next five days

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- No rainfall will occur on 26<sup>th</sup>, 27<sup>th</sup>, 28<sup>th</sup>, 30<sup>th</sup> October and very light rainfall will occur on 29<sup>th</sup> October 2016.
- Wind south easterly on 26<sup>th</sup> October and easterly from 27<sup>th</sup> to 30<sup>th</sup> October, average speed of 5-8 km/hr is expected.
- Maximum temperature is expected to be around 31°C to 33°C and minimum temperature is expected to be 21-22°C.
- Maximum and minimum relative humidity is expected to be 74-95% and 46-60% respectively.

### Agrometeorological Advisories

Advisory			
<b>General</b>	No rainfall will occur on 26 <sup>th</sup> , 27 <sup>th</sup> , 28 <sup>th</sup> , 30 <sup>th</sup> October and very light rainfall will occur on 29 <sup>th</sup> October 2016. Apply the irrigation as when as required.		
Agriculture and Horticulture			
Main Crops	Stage	Pest & Diseases	Advisory
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Legume vegetable	Fruiting	Aphid, White fly, Jassid, Mosaic	If infestation is in small scale sprinkle ash. If infestation is in large scale then apply Thiamethoxam @1g/3lt or Acetamiprid @1ml/lit. of water. Uprooting of mosaic affected plant followed by application of Acetamiprid@1ml/lit. water.
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