

# CASE STUDY ON WEATHER AGRO ADVISORY



**Village:** Haribandi (Chhatna, Bankura)

As per the advisory from the Climatologist on 30<sup>th</sup> Nov,2023 a deep depression has been formed over Westcentral Bay of Bengal and likely to intensify into a cyclonic storm. Under the influence, light to moderate rainfall had been predicted from 6<sup>th</sup> to 8<sup>th</sup> Dec,2023.

Weather Forecast for Chhatna Block for the periods (06-10 Dec 2023)	
Date	Weather
06.12.23	Cloudy sky with light rain and thundershowers at 50 % places
07.12.23	Cloudy to Overcast sky with moderate rain and thundershowers at 75 % places
08.12.23	Mainly overcast sky with light to moderate rain and thundery activity at 25-75 % places
09.12.23	Partly Cloudy sky with passing showers at some places
10.12.23	Fair to Partly cloudy sky with mist/haze in the morning hours

**Advisory on a week before:** Alarming the farmers to harvest matured paddy crops before 4<sup>th</sup> Dec.

Agro Advisory for the periods 01-05 Dec 2023)	
1. For Paddy:	Harvest the matured paddy crops before 4th Dec and keep at safe place as rain is predicted on 5th Dec
2. For Lentil:	Farmers are advised to start the sowing of lentils as sufficient moisture is available. Seed rate is 4 kg per bigha. Treat the seed with trichoderma powder 4 gm per kg seed.
3. For Mustard:	Those farmers already harvested the paddy from their field are advised to go for sowing Bense

**BENEFITS:** By keeping faith in our weather advisory, we came to know that around **8 farmers** were saved **approx 64 quintal** paddy of **12 Bigha** which's an approximate market value of **Rs.1,28,000/-** (as per govt. of West Bengal Market Rate of paddy).



Villagers	Land Size(Bigha)	Production(Q uintal)	Saving Amount (Rs.)
Srimati Besra	4	22	44000
Suparna Murmu	2.5	13	26000
Parbati Murmu	0.5	3	6000
Adari Murmu	1	4	8000
Swaraswati Murmu	0.5	3	6000
Amali Murmu	1	5	10000
Sarathi Murmu	0.5	3	6000
Mousali Mandi	2	11	22000
<b>Total</b>	<b>12</b>	<b>64</b>	<b>128000</b>