

Case Study On Weather Forecast

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VILLAGE: Bastardih, Kashipur, Purulia

On 9th March, 2023 there was a prediction of thundery activity and light rain at some places of Kashipur block. After following the weather forecast, he did not use the pump as he generally uses for irrigating his 8 bigha of agricultural land. He grows vegetables like ridge gourd, bitter gourd, pumpkin, cow pea etc there. The main thing is that weather prediction helped him for saving 7-8 lit of diesel cost along with the labour cost also.

Weather Forecast for Kashipur Block for the periods (06-10 Mar 2023)	
Date	Weather
06.03.23	Fair to Partly cloudy sky
07.03.23	Fine to Fair sky
08.03.23	Fair to Partly cloudy sky
09.03.23	Partly cloudy to Cloudy sky with thundery activity and light rain at some places
10.03.23	Fair to Partly cloudy sky
During the periods wind will blow from Southwesterly/Northwesterly becoming Northeasterly on 9,10 Mar and speed may be 03-18 kmph	
During the periods maximum temperature would be around 34.3 to 38.1 degree centigrade	
During the periods minimum temperature would be around 17.2 to 20.1 degree centigrade	
During the periods highest humidity would be around 38-70 %	
During the periods lowest humidity would be around 18-29 %	

Type of Input	Fuel	Quantity	Rate	Total Saving
Irrigation through pump	Diesel	8 lit	98/-	Rs.784
Labour Cost	-	1 person/day	300/-	Rs.300
			Total	Rs.1084

