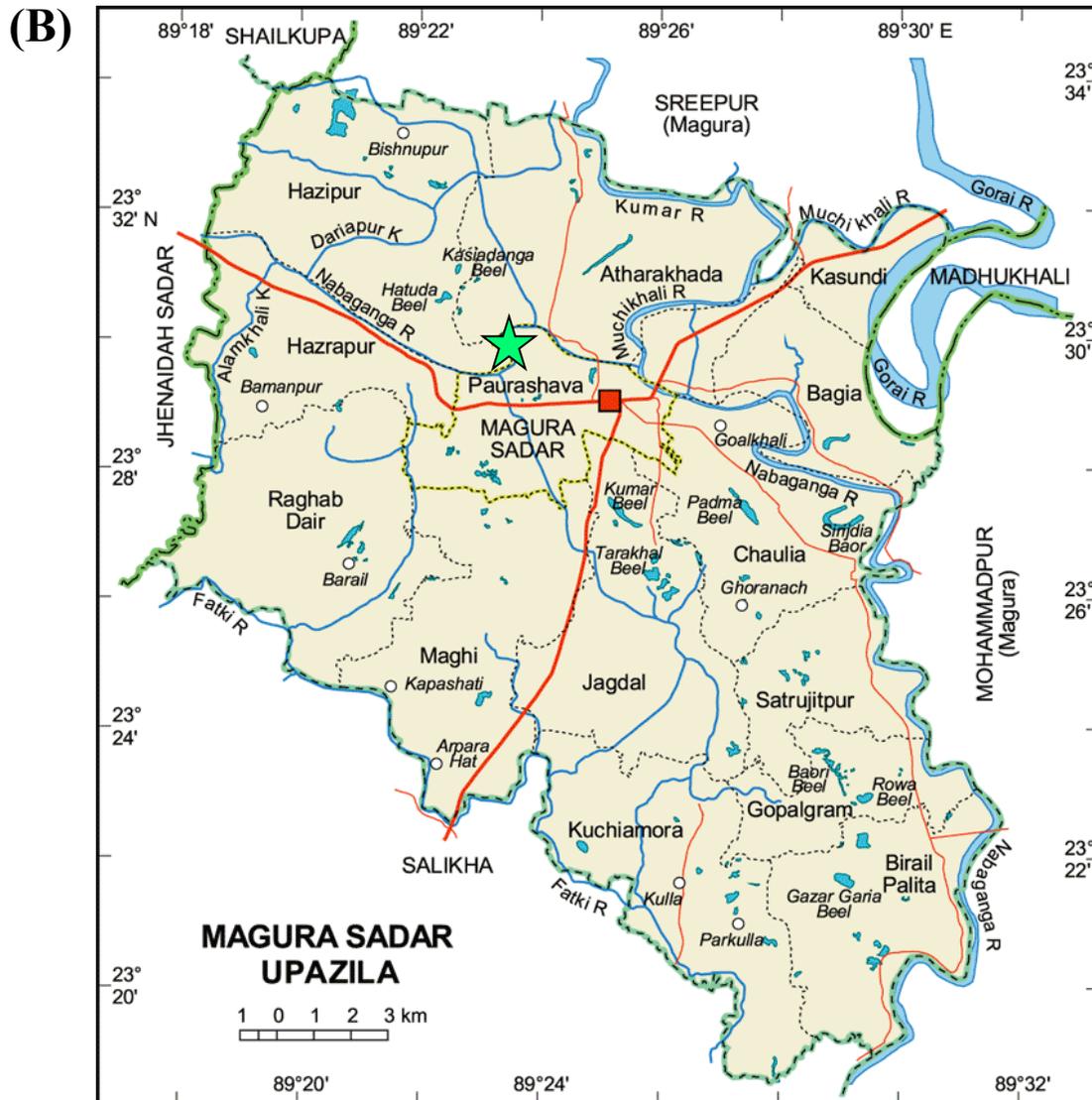


★ Tiordaha, Jhenaidah Sadar, Jhenaidah



★ Shibrapur, Magura Sadar, Magura

Sup. Fig. 1. Specific location of the experiments (A): Tiordaha village of Jhenaidah sadar upazila Jhenaidah district (yellow star marked), (B): Shibrapur village of Magura sadar upazila Magura district (green star marked). Source: QGIS software (18).

Sup. Table 1. Weather data of *Shibrampur* village of Magura sadar upazila Magura district during 2024–25

Year	Month	Rainfall (mm)	Max. Temperature (°C)	Min. Temperature (°C)	RH (%)
2024	July	188.40	33.35	27.23	88.26
	August	508.90	32.34	26.69	90.42
	September	448.20	33.35	27.31	89.03
	October	470.10	32.26	25.79	89.10
	November	0.80	29.92	19.69	79.10
	December	1.60	25.78	13.76	78.32
2025	January	1.40	24.56	12.83	82.23
	February	0.20	29.14	16.50	76.21
	March	1.60	33.11	21.01	72.02
	April	100.20	34.22	24.37	80.15
	May	278.70	34.26	25.26	84.05
	June	352.50	33.46	26.70	88.75

Sup. Table 2. Weather data of *Tiordaha* village of Jhenaidah sadar upazila Jhenaidah district a during 2024–25

Year	Month	Rainfall (mm)	Max. Temperature (°C)	Min. Temperature (°C)	RH (%)
2024	July	181.20	33.33	26.92	81.56
	August	514.40	32.34	26.43	83.23
	September	400.50	33.22	26.50	82.58
	October	254.90	32.01	24.69	82.13
	November	0.00	30.04	18.55	74.62
	December	1.80	25.98	12.57	73.03
2025	January	1.60	24.48	11.48	76.90
	February	0.60	28.58	14.80	72.09
	March	10.20	32.84	19.17	68.77
	April	164.80	33.86	23.42	75.07
	May	338.30	34.10	24.59	78.63

RH (%), Average of maximum and minimum Relative humidity (%)

Sup. Table 3. Yields, efficiencies, returns, costs, and benefit cost ratio of the studied cropping patterns in Jhenaidah and Magura districts

REP	TRT	REY (t/ha)	LUE (%)	PE (kg ha ⁻¹ day ⁻¹)	GR (Tk ha ⁻¹)	TVC (Tk ha ⁻¹)	GM (Tk ha ⁻¹)	BCR
1	1	10.50	48.00	32.00	450000	300000	150000	1.50
1	2	12.00	65.00	36.00	620000	355000	265000	1.75
1	3	6.00	55.00	20.00	400000	200000	200000	2.00
1	4	8.00	70.00	25.00	500000	250000	250000	2.00
2	1	14.80	65.00	46.50	610000	360000	250000	1.69
2	2	17.20	83.00	50.50	820000	420000	400000	1.95
2	3	9.00	72.00	32.00	591085	260000	331085	2.27
2	4	13.50	92.00	40.00	886187	360900	525287	2.46
3	1	19.20	76.00	60.50	763650	367500	395850	2.12
3	2	22.25	98.57	65.70	1010400	420900	589500	2.45
3	3	13.65	92.45	41.72	641215	316400	324815	2.03
3	4	19.87	119.91	54.58	955163	471800	483363	2.02

TRT, Treatment: 1= T. aman-fallow-boro; 2= T. aman-mustard-boro, 3= T. aman-mustard-mungbean, 4= T. aman-mustard-mungbean-aus.