

HRSW Seeding Rate Study - 2023							Hettinger, ND
		Days to Head	Plant Height	Plant Lodge	Test Weight	Grain Protein	Grain Yield
		DAP ¹	inches	0-9 ²	lbs/bu	%	bu/ac
Seeding Rate (seeds/acre)							
1,000,000		31	54	0	57.6	14.7	83
1,200,000		30	53	0	57.7	14.2	79
1,400,000		30	53	0	57.7	14.6	81
1,600,000		30	53	0	57.7	14.4	79
1,800,000		30	53	0	57.5	14.8	83
2,000,000		29	53	0	57.9	14.4	81
LSD 5%		NS	NS	NS	NS	NS	NS
Variety x Seeding Rate							
ND Heron	1,000,000	32	51	0	56.9	15.3	77
ND Heron	1,200,000	31	50	0	57.1	14.9	74
ND Heron	1,400,000	30	50	0	57.5	14.8	77
ND Heron	1,600,000	30	50	0	57.1	15.1	75
ND Heron	1,800,000	31	50	0	56.9	15.4	77
ND Heron	2,000,000	31	50	0	57.3	14.9	75
ND Thresher	1,000,000	30	54	0	57.8	14.8	81
ND Thresher	1,200,000	29	53	0	57.7	14.3	74
ND Thresher	1,400,000	30	53	0	58.0	15.1	76
ND Thresher	1,600,000	29	53	0	57.9	14.7	77
ND Thresher	1,800,000	29	54	0	57.5	15.5	81
ND Thresher	2,000,000	29	53	0	57.8	14.7	78
MN Rothsay	1,000,000	28	56	0	57.9	14.6	84
MN Rothsay	1,200,000	28	55	0	58.0	14.0	80
MN Rothsay	1,400,000	27	55	0	57.3	14.7	83
MN Rothsay	1,600,000	28	55	0	57.5	14.2	78
MN Rothsay	1,800,000	28	55	0	57.7	14.9	84
MN Rothsay	2,000,000	27	55	0	57.7	14.5	81
Faller	1,000,000	33	55	0	57.8	14.0	89
Faller	1,200,000	32	55	0	57.9	13.6	89
Faller	1,400,000	32	54	0	58.2	13.6	89
Faller	1,600,000	31	55	0	58.2	13.7	86
Faller	1,800,000	33	55	0	58.1	13.7	89
Faller	2,000,000	31	54	0	58.7	13.7	88
LSD 5%		NS	NS	NS	NS	NS	NS
Trial Mean		30	53	0	57.7	14.5	81
C.V. %		3.5	1.1	--	1.0	3.3	4.6

¹ Days to Head = the number of days from planting to head emergence from the boot.

² 0 = no lodging, 9 = 100% lodged.

Planting Date: April 26

Harvest Date: August 17

Previous Crop: Cover crop mix