

Performance of barley cultivars with and without fungicide¹ on yield and agronomic traits at Steele County, ND, 2014.

Cultivar	1000 kernel weight		Plump		Protein		Test Weight		Yield		DON	
	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung
	--gm--		--%--		--%--		---lb/bu---		---bu/A---		---ppm---	
2ND25276	46.5	47.0	95.9	97.1	11.7	11.8	51.1	51.2	127.3	129.3	0.3	0.1
Celebration	37.6	38.1	90.8	90.2	15.4	14.7	50.3	50.9	125.9	124.6	0.5	0.3
Conlon	51.2	49.5	97.5	96.5	13.7	13.8	53.5	53.4	102.2	100.4	0.4	0.1
Innovation	41.4	41.2	95.3	92.8	14.2	14.0	49.7	51.3	123.0	128.3	0.9	0.3
Lacey	41.5	41.8	91.8	97.1	14.3	14.1	50.6	51.5	125.5	119.1	1.4	0.5
Pinnacle	53.2	55.7	96.1	95.4	11.6	12.1	50.6	49.9	122.1	110.3	0.3	0.3
Quest	36.6	37.4	88.4	89.3	14.3	14.5	49.5	49.8	113.8	121.1	0.4	0.2
Stellar-ND	42.7	42.0	92.3	96.3	13.7	12.6	49.1	50.2	128.6	119.1	1.1	0.4
Tradition	40.3	40.5	96.0	94.6	14.4	14.2	51.9	50.4	121.1	121.7	0.8	0.6
Mean	43.5	43.7	93.8	94.4	13.7	13.5	50.7	51.0	121.1	119.3	0.7	0.3
CV	2.5		3.1		3.1		2.4		8.2		49.7	
LSD 0.10	1.1		2.9		0.4		1.2		9.6		0.2	

1-Fungicide consisted of Prosaro™ at 6.5 fl oz/acre + NIS 2 pt/100 gal at Feekes 10.51 stage.

