

**NDSU HRSW Comparisons**

**Langdon REC**

**Yield (bu/a)**

	Langdon 2005	Langdon 2006	Langdon 2007	Langdon 2008	Langdon 2009	Langdon 2010	Langdon 2011	Pembina 2009	Walsh 2009	Nelson 2009	Towner 2009	Walsh 2010	Nelson 2010	Towner 2010	Pembina 2011	Walsh 2011	Nelson 2011	Towner 2011	Average	Langdon Average
Faller	79.6	68.9	75.6	94.5	103.2	92.2	78.9	74.9	102.5	92.1	86.2	80.9	82.9	85.8	70.7	64.5	82.5	60.6	82.0	84.7
Prosper	74.3	67.2	87.5	92.1	95.3	94.1	77.2	77.1	93.7	91.9	84.7	80.4	87.9	87.7	73.9	71.3	84.4	65.4	82.6	84.0
Barlow	52.0	62.4	72.0	81.2	85.8	85.0	65.6	67.0	80.4	88.0	85.1	73.7	76.8	76.3	67.6	57.4	68.3	53.6	72.1	72.0
Glenn	58.5	56.0	76.2	80.0	85.0	76.7	57.8	67.7	81.7	78.1	78.3	65.0	65.8	72.8	68.4	60.4	61.3	52.7	69.0	70.0

**Test Weight (lbs/bu)**

	Langdon 2005	Langdon 2006	Langdon 2007	Langdon 2008	Langdon 2009	Langdon 2010	Langdon 2011	Pembina 2009	Walsh 2009	Nelson 2009	Towner 2009	Walsh 2010	Nelson 2010	Towner 2010	Pembina 2011	Walsh 2011	Nelson 2011	Towner 2011	Average	Langdon Average
Faller	59.9	59.1	61.1	60.5	58.5	60.3	60.8	59.8	58.5	58.5	59.0	58.4	59.5	60.1	60.3	58.3	60.6	58.6	59.5	60.0
Prosper	59.9	60.0	61.5	60.8	59.3	60.3	60.8	59.6	59.5	59.3	59.6	58.9	59.8	59.9	59.9	59.4	60.5	59.1	59.9	60.4
Barlow	59.8	61.1	62.0	61.5	59.4	60.6	61.7	61.0	60.0	61.1	61.4	59.6	60.6	60.7	62.2	59.7	59.8	58.9	60.6	60.9
Glenn	61.8	62.2	63.8	62.8	62.5	62.5	62.9	63.2	62.8	63.5	63.8	61.2	61.2	62.5	63.3	62.5	61.5	62.0	62.6	62.6

**Protein (%)**

	Langdon 2005	Langdon 2006	Langdon 2007	Langdon 2008	Langdon 2009	Langdon 2010	Langdon 2011	Pembina 2009	Walsh 2009	Nelson 2009	Towner 2009	Walsh 2010	Nelson 2010	Towner 2010	Pembina 2011	Walsh 2011	Nelson 2011	Towner 2011	Average	Langdon Average
Faller	14.5	14.1	15.0	13.5	14.0	13.0	14.4	12.6	14.0	12.9	12.5	14.1	13.1	13.5	14.2	15.2	14.4	16.6	14.0	14.1
Prosper	14.1	14.2	14.8	13.8	13.9	13.1	14.8	12.9	13.8	13.1	12.7	14.2	13.2	13.4	14.4	14.7	14.5	16.3	14.0	14.1
Barlow	15.4	14.9	14.8	14.6	14.4	14.0	15.6	13.3	14.2	13.9	12.9	14.6	14.4	13.9	15.0	15.4	15.4	17.3	14.7	14.8
Glenn	15.2	15.5	15.0	15.3	14.8	14.2	15.6	13.3	14.3	14.0	13.0	14.7	14.5	14.4	15.7	15.6	15.2	16.9	14.8	15.1

**Days to Head**

	Langdon 2005	Langdon 2006	Langdon 2007	Langdon 2008	Langdon 2009	Langdon 2010	Langdon 2011	Pembina 2009	Walsh 2009	Nelson 2009	Towner 2009	Walsh 2010	Nelson 2010	Towner 2010	Pembina 2011	Nelson 2011	Average	Langdon Average	
Faller	54.8	54.0	63.0	68.7	59.8	68.9	56.5	60.3	51.8	54.5	56.0	63.0	65.3	68.0	45.0	56.3	59.1	60.8	60.8
Prosper	54.3	53.8	64.0	69.0	60.2	70.0	57.1	61.0	52.0	55.8	54.0	63.5	69.5	68.0	45.8	56.5	59.7	61.2	61.2
Barlow	52.3	49.6	60.3	65.5	55.6	67.0	54.0	57.0	47.8	51.0	54.8	62.0	64.0	67.8	44.5	54.0	56.7	57.8	57.8
Glenn	53.5	49.2	59.5	64.0	55.7	65.3	52.5	55.3	47.8	51.3	52.3	59.5	64.0	65.8	42.8	53.0	55.7	57.1	57.1

**Plant Height (in.)**

	Langdon 2005	Langdon 2006	Langdon 2007	Langdon 2008	Langdon 2009	Langdon 2010	Langdon 2011	Pembina 2009	Walsh 2009	Nelson 2009	Towner 2009	Walsh 2010	Nelson 2010	Towner 2010	Pembina 2011	Walsh 2011	Nelson 2011	Towner 2011	Average	Langdon Average
Faller	36.2	36.3	37.8	38.4	40.3	38.8	36.9	36.3	38.4	37.7	35.9	37.8	37.1	37.9	32.5	36.4	35.6	35.5	37.0	37.8
Prosper	36.4	36.3	40.2	38.7	40.3	38.6	36.7	35.4	38.4	36.3	35.5	37.2	37.6	36.9	32.7	37.4	35.7	35.6	37.0	38.2
Barlow	33.1	37.7	39.1	39.1	41.2	39.7	38.4	35.7	38.5	37.7	36.2	38.4	37.8	37.3	32.7	36.6	36.4	35.9	37.3	38.3
Glenn	36.6	38.4	40.7	41.2	43.2	40.1	38.5	36.8	39.5	38.8	38.3	40.9	38.6	39.4	33.9	39.4	37.7	37.5	38.9	39.8

**Lodging (0-9)**

	Langdon 2006	Langdon 2007	Langdon 2008	Langdon 2010	Walsh 2009	Walsh 2010	Walsh 2011	Average
Faller	1.2	3.8	1.9	0.8	6.0	3.9	5.5	3.3
Prosper	2.0	0.8	2.2	1.5	5.8	3.7	5.0	3.0
Barlow	1.2	1.3	3.0	1.5	2.5	1.8	4.5	2.3
Glenn	1.2	0.3	1.2	0.0	2.3	4.1	3.3	1.8

**FDK (%)**

Langdon 2005	Langdon 2010	Langdon 2011
1.0	0.0	0.5
1.0	0.3	0.4
2.0	1.3	1.0
0.5	0.0	0.0

**Foliar Necrosis  
12 site average  
% flag**

13
10
15
18

**DON**

Langdon 2010	Langdon 2011
0.5	0.7
1.5	1.3
1.1	1.2
<0.5	0.8