

2018 West Summary

Variety	Yield (bu/ac)					Test Wt. lbs/bu	Protein %	Heading 1-9
	Coleharbor ND	Kenmare ND	Richardton ND	Scobey MT	Avg.			
WB9719	84.7	69.8	54.7	43.6	63.2	61.4	14.5	6
WB9590	74.6	64.5	45.4	46.8	57.8	60.1	16.2	4
Vida	72.8	63.5	50.9	43.8	57.8	58.9	14.8	6
Elgin-ND	73.9	59.4	48.7	42.9	56.2	58.6	15.5	4
WB9653	75.3	58.5	53.0	38.0	56.2	58.8	15.1	5
SY Rockford	66.8	63.2	45.9	47.1	55.7	58.5	15.4	6
Shelly	74.0	57.2	47.0	44.0	55.6	61.4	15.2	6
Reeder	66.5	59.8	48.5	43.9	54.7	59.8	15.9	4
Lang-MN	69.8	58.2	42.6	45.5	54.0	60.9	16.3	6
Faller	75.3	56.8	43.7	38.7	53.6	59.2	14.4	6
SY Ingmar	69.0	57.8	43.2	42.7	53.2	60.2	15.9	5
SY Tyra	68.4	58.3	46.4	38.5	52.9	60.7	14.9	5
SY605 CL	73.0	54.0	44.7	38.7	52.6	60.8	16.4	3
Bolles	69.1	54.2	45.2	41.0	52.4	60.2	17.5	7
Barlow	69.1	55.0	45.7	39.1	52.2	61.8	16.1	3
SY Valda	69.3	54.1	43.6	40.4	51.9	59.8	15.3	5
Glenn	66.2	57.7	42.2	40.9	51.7	62.0	16.2	3
SY Soren	62.0	56.6	40.3	46.6	51.4	59.5	16.0	4
ND-VitPro	69.0	54.3	39.2	39.1	50.4	61.7	16.1	4
Brennan	57.5	56.1	40.2	45.7	49.9	60.1	16.0	3
Mean	69.1	57.9	45.1	42.1	53.5	60.2	15.6	4.6
LSD (5%)	8.3	4.9	4.7		4.7	1.8	0.9	0.6
CV %	7.4	5.2	6.5		6.2	1.8	2.4	12.4

Numerical ratings: Heading: 1= early

These agronomic assessments are made by Syngenta scientists and reflect each variety's relative performance within these characteristics through the 2018 crop year. Specific conditions may cause variations within those characteristics. These relative protection values are based on current pest and disease populations. These have been known to shift periodically and may cause changes in specific evaluations. Resistance to many other diseases and pests is sensitive to environmental conditions, plant development stages and the presence and intensity of other diseases which may result in specific evaluation inconsistencies. This chart is updated annually to reflect the most current trends.

Syngenta Data, 2016-2018

Three-Year West Summary Ranked by Yield

Variety	Economic Return ¹		Yield (bu/ac)					3-Yr Avg			
	\$/Bu	Gross \$/a	2016	2017	2018	2-Yr Avg	3-Yr Avg	Test Wt. lbs/bu	Protein %	Heading 1-9	Height 1-9
SY Rockford	\$6.08	\$365.10	65.1	59.0	55.7	57.2	60.0	56.8	14.6	6	6
SY Valda	\$6.16	\$368.69	73.8	51.9	51.9	51.9	59.9	57.6	14.7	5	5
Elgin-ND	\$6.55	\$391.00	68.0	53.2	56.2	55.0	59.7	57.5	15.2	4	7
SY Ingmar	\$6.79	\$397.42	69.0	51.7	53.2	52.6	58.5	59.2	15.5	5	5
Reeder	\$6.79	\$397.29	65.7	54.1	54.7	54.4	58.5	58.2	15.5	4	6
Vida	\$6.00	\$349.99	61.9	54.3	57.8	56.3	58.3	54.7	14.5	6	6
SY Tyra	\$5.68	\$325.72	63.5	55.1	52.9	53.8	57.3	57.7	14.1	5	4
Faller	\$6.00	\$342.87	65.0	51.3	53.6	52.6	57.1	57.6	14.5	6	6
SY Soren	\$6.79	\$386.09	67.8	49.6	51.4	50.6	56.9	59.2	15.5	4	4
SY605 CL	\$6.95	\$385.85	64.1	47.9	52.6	50.6	55.5	58.6	15.7	2	6
Barlow	\$6.79	\$375.10	62.9	49.0	52.2	50.8	55.2	59.4	15.5	3	7
Brennan	\$6.71	\$368.93	64.3	49.4	49.9	49.7	55.0	59.4	15.4	3	4
Bolles	\$7.19	\$389.59	59.3	49.8	52.4	51.3	54.2	57.3	16.6	6	6
Glenn	\$6.87	\$370.36	57.9	51.5	51.7	51.7	53.9	60.1	15.6	2	7
WB9653				55.9	56.2	56.1					
Shelly				53.7	55.6	54.8					
Mean			65.7	52.0	53.5	52.9	56.9	58.3	15.2	4.3	
LSD (5%)			7.2	4.5	4.7	3.2	3.7	2.3	0.8	0.5	
CV %			8.3	7.4	6.2	5.7	7.7	3.0	3.5	14.4	
No. of Locs.			4	3	4	7	11	8	6	10	

Numerical ratings: Heading: 1= early; Height: 1 = short; Disease: 1 = no disease

2016 Locations: Berthold, Coleharbor, Richardton, ND and Scobey, MT

2017 Locations: Berthold, Coleharbor, Richardton, ND

2018 Locations: Kenmare, Coleharbor, Richardton, ND and Scobey, MT

¹ Economic return calculated using Sept local cash grain price of \$5.60 for 14% protein and 10 yr avg MGE protein premium/discounts (Mendota Wheat & Milling Associates).

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Syngenta Data, 2016-2018

Three-Year West Summary Ranked by Economic Return

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	\$/Bu	Gross \$/a	2016	2017	2018	2-Yr Avg	3-Yr Avg	Test Wt. lbs/bu	Protein %	Heading 1-9	Height 1-9
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