

2018 Montana Summary

Variety	Yield (bu/ac)				Test Wt. lbs/bu	Protein %	Heading 1-9	Height 1-9	Sawfly 1-9
	Conrad MT	Fort Benton MT	Havre MT	Avg.					
SY Renegade	36.0	72.3	45.9	51.4	60.5	12.0	5	5	3
Vida	36.4	66.3	51.3	51.4	60.8	12.5	5	5	3
WB9719	35.9	69.7	48.1	51.3	64.1	12.3	6	5	2
SY Tyra	35.0	69.5	48.4	51.0	63.6	12.4	4	4	4
SY Valda	34.2	69.1	49.7	51.0	61.2	12.3	5	5	4
SY Gunsight	32.4	71.6	48.6	50.8	60.8	12.6	4	4	2
SY Rockford	31.7	71.1	49.6	50.8	61.1	12.8	5	6	4
Lanning	32.5	65.6	53.1	50.4	61.5	12.8	5	5	3
WB9377	37.6	67.8	45.4	50.3	62.5	12.9	5	4	2
Duclair	35.1	67.8	46.1	49.7	60.0	13.1	4	5	3
Faller	33.1	67.0	48.2	49.4	60.3	12.1	6	5	4
Choteau	35.8	65.4	46.5	49.2	61.5	13.2	5	5	3
Reeder	31.2	64.0	49.4	48.2	61.6	12.9	4	5	3
SY Soren	29.9	65.7	47.0	47.5	61.7	13.8	4	4	3
Egan	30.9	62.0	48.2	47.1	59.8	14.3	5	5	3
WB9668	28.5	65.5	45.8	46.6	62.0	14.5	4	4	3
SY Ingmar	29.8	60.4	49.1	46.4	62.0	14.2	5	4	2
Corbin	32.0	62.8	44.0	46.3	62.2	12.7	4	5	3
SY605 CL	27.1	59.3	47.6	44.6	62.2	13.5	3	6	7
Brennan	25.3	60.2	46.7	44.0	61.9	14.7	4	4	6
SY Selway	26.9	60.9	43.9	43.9	59.3	12.9	5	5	6
Mean	31.1	64.9	47.7	47.9	61.7	13.2	4.4		4
LSD (5%)	3.5		4.4	4.0	1.1	0.8	0.6		
CV %	6.8	10.1	5.7	9.0	1.9	6.2	12.1		

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

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 Montana 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	Sawfly 1-9
SY Tyra	\$6.08	\$281.44	47.0	41.3	51.0	46.2	46.3	62.7	14.6	4	4	4
WB9377	\$6.63	\$304.50	51.9	39.6	50.3	44.9	45.9	61.9	15.3	5	4	2
Vida	\$6.16	\$282.40	42.2	41.5	51.4	46.5	45.8	60.0	14.7	5	5	3
SY Valda	\$6.55	\$299.15	48.5	39.4	51.0	45.2	45.7	61.7	15.2	5	5	4
Duclair	\$6.79	\$310.07	51.3	39.7	49.7	44.7	45.7	59.7	15.5	4	6	3
SY Rockford	\$6.79	\$308.69	49.6	38.7	50.8	44.8	45.5	60.6	15.5	5	6	4
Reeder	\$6.79	\$299.09	38.7	41.7	48.2	44.9	44.0	61.6	15.5	4	6	3
Corbin	\$6.71	\$293.30	49.1	39.4	46.3	42.8	43.7	61.7	15.4	4	5	3
SY Soren	\$7.11	\$309.86	42.5	40.0	47.5	43.8	43.6	62.0	15.9	4	4	3
Choteau	\$6.71	\$292.00	45.5	37.1	49.2	43.2	43.5	61.0	15.4	5	5	3
SY Ingmar	\$7.19	\$304.92	45.4	37.4	46.4	41.9	42.4	61.9	16.1	5	5	2
Faller	\$6.32	\$264.50	33.6	37.0	49.4	43.2	41.9	59.0	14.9	6	5	4
SY605 CL	\$7.11	\$283.37	29.2	38.6	44.6	41.6	39.9	61.6	15.9	3	5	7
Brennan	\$7.19	\$283.35	39.3	34.8	44.0	39.4	39.4	62.8	16.0	3	4	6
SY Selway				38.1	43.9	41.0						
SY Gunsight				41.4	50.8	46.1						
Egan				38.6	47.1	42.8						
Mean			41.4	38.8	47.9	43.6	43.6	61.5	15.4	4.3	5.0	3.5
LSD (5%)					4.0	1.9	3.7	1.3	0.7	0.9		
CV %				8.0	9.0	6.0	8.0	2.0	3.7	11.1		
No. of Locs.			1	3	3	6.00	7	6	6	3		1

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

2016 Location: Conrad, MT

2017-2018 Locations: Conrad, Fort Benton, Havre, 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).

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 Montana Summary Ranked by Economic Return

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	Sawfly 1-9
Duclair	\$6.79	\$310.07	51.3	39.7	49.7	44.7	45.7	59.7	15.5	4	6	3
SY Soren	\$7.11	\$309.86	42.5	40.0	47.5	43.8	43.6	62.0	15.9	4	4	3
SY Rockford	\$6.79	\$308.69	49.6	38.7	50.8	44.8	45.5	60.6	15.5	5	6	4
SY Ingmar	\$7.19	\$304.92	45.4	37.4	46.4	41.9	42.4	61.9	16.1	5	5	2
WB9377	\$6.63	\$304.50	51.9	39.6	50.3	44.9	45.9	61.9	15.3	5	4	2
SY Valda	\$6.55	\$299.15	48.5	39.4	51.0	45.2	45.7	61.7	15.2	5	5	4
Reeder	\$6.79	\$299.09	38.7	41.7	48.2	44.9	44.0	61.6	15.5	4	6	3
Corbin	\$6.71	\$293.30	49.1	39.4	46.3	42.8	43.7	61.7	15.4	4	5	3
Choteau	\$6.71	\$292.00	45.5	37.1	49.2	43.2	43.5	61.0	15.4	5	5	3
SY605 CL	\$7.11	\$283.37	29.2	38.6	44.6	41.6	39.9	61.6	15.9	3	5	7
Brennan	\$7.19	\$283.35	39.3	34.8	44.0	39.4	39.4	62.8	16.0	3	4	6
Vida	\$6.16	\$282.40	42.2	41.5	51.4	46.5	45.8	60.0	14.7	5	5	3
SY Tyra	\$6.08	\$281.44	47.0	41.3	51.0	46.2	46.3	62.7	14.6	4	4	4
Faller	\$6.32	\$264.50	33.6	37.0	49.4	43.2	41.9	59.0	14.9	6	5	4
SY Selway				38.1	43.9	41.0						
SY Gunsight				41.4	50.8	46.1						
Egan				38.6	47.1	42.8						
Mean			41.4	38.8	47.9	43.6	43.6	61.5	15.4	4.3	5.1	3.5
LSD (5%)					4.0	1.9	3.7	1.3	0.7	0.9		
CV %				8.0	9.0	6.0	8.0	2.0	3.7	11.1		
No. of Locs.			1	3	3	6	7	6	6	3		1

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

2016 Location: Conrad, MT

2017-2018 Locations: Conrad, Fort Benton, Havre, 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).

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.