2024 Montana Winter Wheat Summary, Two-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2023-2024

Variety	2-Yr Combined (2023-2024)		Combined (2024)		Billings, MT	Chester, MT	Conrad, MT	Ft. Benton, MT	Protein %	Sawfly Rating
Hard Winter Wheat	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A	Yield Bu/A	Yield Bu/A		1-9 Scale
AP Solid	59.2	64.2	54.6	63.6	82.7	35.3	35.7	64.7	10.7	2
AP24 AX	59.2	62.0	54.8	61.3	85.9	39.2	36.3	58.0	10.3	6
SY Monument	57.3	61.7	54.7	61.1	93.3	40.1	29.8	55.5	10.8	5
AP Sunbird	57.0	63.3	55.2	63.1	94.9	37.2	32.1	56.5	11.0	7
AP18 AX	54.2	62.3	50.7	61.6	81.8	34.9	33.6	52.5	10.3	7
SY Wolverine	54.1	57.7	53.5	63.0	93.8	33.9	32.0	54.1	10.9	6
SY 517 CL2	48.3	64.1	45.3	63.4	72.0	31.8	30.7	46.7	10.8	7
Keldin	60.9	62.9	54.8	62.1	83.9	38.5	31.7	65.2	10.1	4
Bobcat	58.7	62.4	55.7	62.5	78.3	33.8	42.0	68.7	11.0	2
MT WarCat	57.3	61.6	51.8	62.0	80.6	32.7	35.3	58.5	11.9	5
Warhorse	54.5	61.3	48.3	60.3	77.7	27.3	32.2	56.2	11.4	1
Ramsay			55.8	62.1	88.8	40.3	34.0	60.2	9.9	5
WB4523			53.9	61.3	87.5	32.9	36.9	58.4	9.8	5
WB4483			53.8	62.1	81.7	35.7	37.1	60.6	11.5	3
StandClear CLP			52.4	62.6	79.8	31.2	38.9	59.7	11.0	2
WB 4727			52.0	60.3	75.2	36.7	37.3	58.7	9.7	7
WB4733 CLP			50.2	61.7	75.9	31.1	34.5	59.5	11.5	1
Scorpio			48.5	60.2	77.8	36.2	28.2	51.8	10.6	6
Mean General	56.9	62.3	52.6	62.0	83.2	35.4	34.2	57.5	10.8	4.2
LSD General (5%) EE					10.05	6.53	5.06	8.48		1.51
CV (Effective)					6.95	10.9	8.58	8.38		22.23

Locations

2023 — Conrad and Fort Benton, MT

2024 — Billings, Chester, Conrad, and Fort Benton, MT

Ratings Guide: 1-2 excellent, 3-4 very good, 5 good, 6-7 fair, 8-9 poor

Note: these agronomic assessments are updated annually by Syngenta scientists. The current values reflect each variety's relative performance within these characteristics through the 2024 crop year. Specific conditions may cause variations. These relative protection values are based on current pest and disease populations, known to shift periodically potentially changing 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.

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