

2020 South Dakota Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2018-2020

Variety	3-Yr Combined (2018-2020)		2-Yr Combined (2019-2020)		Combined (2020)		Agar, SD	Hayes, SD	Ideal, SD	Reliance, SD
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A	Yield Bu/A	Yield Bu/A
Hard Winter Wheat										
SY Wolverine	77.4	60	82.2	59	85.6	60	68.4	98.9	91.3	83.9
SY Wolf	75.6	60	80.2	59	85.7	61	69.3	101.7	94.9	76.8
SY Sunrise	75.6	59	81.4	59	83.9	60	66.6	99.6	91.3	78.4
SY Monument	75.0	59	80.0	58	81.4	59	65.4	92.0	84.9	83.3
SY Benefit	74.6	60	81.3	60	83.6	61	64.4	100.4	89.2	80.6
SY 517 CL2	70.3	61	75.4	61	79.1	62	64.7	94.0	81.3	76.4
SY Legend CL2	68.7	60	74.4	59	77.3	60	57.5	89.0	83.9	78.9
AP503 CL2	64.9	60	71.5	60	74.7	61	59.4	89.9	74.0	75.5
AP18 AX			84.6	59	84.9	60	73.1	95.4	89.8	81.2
Ideal	77.2	60	81.4	60	83.7	62	71.3	97.2	86.7	79.5
Redfield	76.2	60	81.3	60	80.3	61	64.1	95.8	84.0	77.3
Wesley	75.0	59	79.4	59	79.9	60	68.4	95.4	84.0	71.7
Overland	74.7	60	80.4	60	82.0	61	68.2	94.9	90.2	74.8
WB-Grainfield	74.6	60	81.8	59	83.0	61	67.7	94.8	88.1	81.4
Oahe	72.1	61	78.4	61	78.6	62	65.7	96.6	80.7	71.5
Lyman	71.4	61	74.8	60	76.9	62	63.2	90.8	86.7	66.8
WB4462			83.9	60	84.2	61	60.4	101.3	90.0	85.3
Thompson			81.9	60	83.3	62	70.4	96.3	85.3	81.3
Winner					89.7	61	72.5	102.5	97.6	86.3
WB4595					82.4	62	68.4	96.7	87.2	77.4
Crescent AX					82.0	62	64.2	98.3	85.0	80.4
Draper					81.7	60	66.8	92.9	89.2	77.8
Mean General	74.2	60.0	80.5	59.6	82.4	60.9	67.5	96.4	87.1	78.7
LSD General (5%) EE	3.7	0.6	4.5	0.7	4.4	0.8	5.8	5.1	4.7	6.1
CV (Effective)	6.1	1.2	6.0	1.3	4.1	1.0	5.3	3.2	3.3	4.7

Boldfaced numbers are within confidence interval at specific locations and combined years of yield data.

Locations

2018 — Reliance, Wall, and Winner, SD

2019 — Agar, Hayes, Ideal, and Reliance, SD

2020 — Agar, Hayes, Ideal, and Reliance, SD