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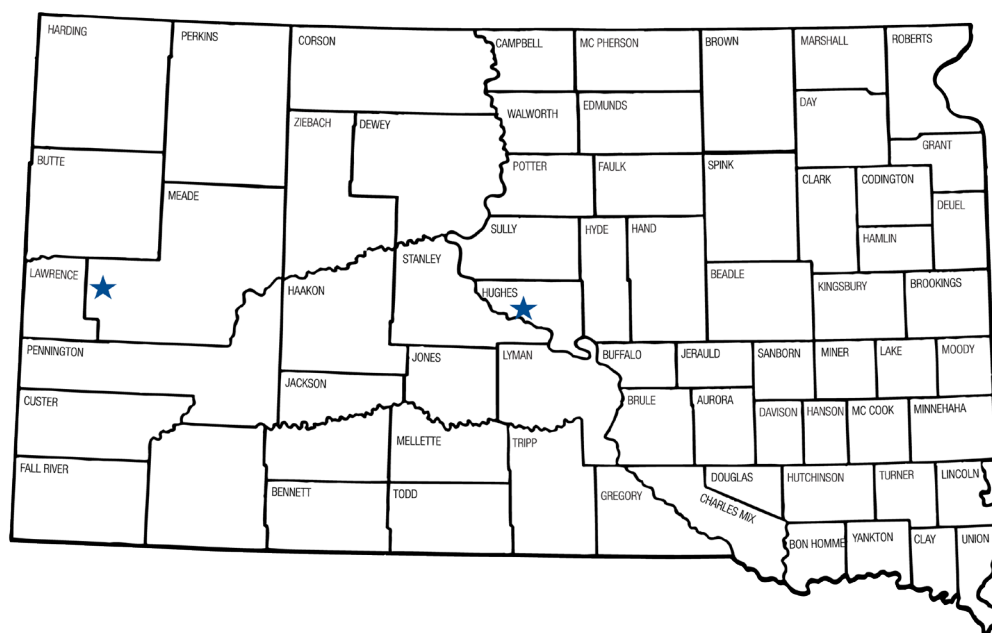
2026 South Dakota Field Pea Variety Trial Results - Sturgis

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Central trial location: Pierre

Western trial location: Sturgis

Individual trial location results can be accessed online at: <https://extension.sdstate.edu/tags/field-pea>

Cultural Practices:

Planting Rate: 350,000 viable seeds/ac

Planting Date: 4/9/2026

Inoculation: N-Charge granular inoculant

Harvest Date: 7/23/2026

Herbicide: Sulfentrazone, Metalochlor + Roundup

Acknowledgements: Thanks to the South Dakota Pulse Council for funding these trials

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2026 South Dakota Field Pea Variety Trial Results Variety List

Table 1. List of field pea varieties tested in 2026 along with seed supplier and agronomic characteristics.

Variety	Seed Supplier	Seed Color	Seeds/lb
MT 457	MSU Pulse Crop Breeding	Green	2043
PP1804	Puris	Yellow	1941
PP2702	Puris	Yellow	2113
PP2802	Puris	Yellow	1916
PP2602	Puris	Yellow	2010
AAC Julius	Valesco Genetics	Yellow	-
Lacrosse	Valesco Genetics	Yellow	-
AAC IronHorse	Valesco Genetics	Yellow	-
Thor	Valesco Genetics	Yellow	-
CDC Inca	Meridian Seeds	Yellow	2220
AAC Carver	Meridian Seeds	Yellow	2340
MS Prostar	Meridian Seeds	Yellow	2172
AAC Beyond	Meridian Seeds	Yellow	1856
CDC Engage	Meridian Seeds	Yellow	-
AAC Goldstorm	Meridian Seeds	Yellow	1900
AC Earlystar	Meridian Seeds	Yellow	-
Passion	ProGene	Green	2668
Pizzazz	ProGene	Yellow	1680
Ultra	ProGene	Green	2387
Hyline	ProGene	Yellow	1738
Pro 173-7406	ProGene	Yellow	2268
Pro 143-6230	ProGene	Yellow	2234
Pro 143-6220	ProGene	Yellow	2291
173-7406	Progene	Yellow	2340
Passion	Progene	Green	2293
Ginny2	Progene	Green	2215



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2026 South Dakota Field Pea Variety Trial Results Sturgis (West River Research Farm)

Table 2. 2026 field pea variety performance trial results in Sturgis, South Dakota. Varieties ranking in the top quartile of each trial category are bold and shaded light blue.

Variety	2026			2-Year Average		3-Year Average	
	Yield (bu/a)	Protein (%)	Test Wt. (lb/bu)	Yield (bu/a)	Protein (%)	Yield (bu/a)	Protein (%)
26VG1A70	31.2	24.7	61.5	-	-	-	-
AAC Beyond	34.6	24.8	62.2	45.7	25.0	41.4	25.8
AAC Carver	31.9	24.1	61.7	44.4	24.1	40.1	24.3
AAC Goldstorm	30.6	24.8	60.5	-	-	-	-
AAC IronHorse	34.8	25.8	62.0	49.1	24.8	-	-
AAC Julius	30.7	24.5	61.8	45.8	24.2	39.6	25.6
AC Earlstar	32.2	24.5	61.5	-	-	-	-
CDC Engage	25.3	23.6	60.3	-	-	-	-
CDC Inca	28.6	21.7	62.6	45.7	22.7	39.5	24.5
Hylina	30.1	25.2	61.3	45.7	24.8	-	-
Lacrosse	28.1	22.5	62.4	35.9	24.1	31.8	24.8
MS Prostar	21.7	25.3	60.6	34.9	25.2	34.7	25.9
MT 457	20.2	26.4	57.1	-	-	-	-
Passion	22.5	22.5	60.5	36.4	23.5	-	-
Pizzazz	31.1	25.6	60.4	44.1	24.7	-	-
PP1804	28.5	23.9	61.4	-	-	-	-
PP2602	23.4	23.3	59.7	-	-	-	-
PP2702	31.3	24.1	62.3	-	-	-	-
PP2802	29.3	25.4	61.8	-	-	-	-
Pro 143-6220	31.4	21.6	61.5	-	-	-	-
Pro 143-6230	30.0	22.8	61.0	-	-	-	-
Pro 173-7406	29.8	24.3	60.7	41.7	24.9	-	-
Ultra	29.2	22.5	61.8	43.3	22.8	-	-
Average	29.0	24.1	61.2	42.7	24.2	37.8	25.1
LSD†	5	3.6	1.8	-	-	-	-
CV	11	10.0	2.0	-	-	-	-

† Value required (≥LSD) to determine if varieties are significantly different from one another.