

2025 Idaho Winter Pea – Greencreek

Variety or Selection	Cotyledon Color	3-Year Average (lb/A)*	2-Year Average (lb/A)*	Seed Yield (lb/A)**	Test Weight (lb/bu)	2024-2025 Crop Year						
						100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Shatter (%)
Blaze	Yellow	2,269	2,995	2,469	65.7	18.7	16.7	18	14	0.80	6/1	3
Windham	Yellow	1,995	2,736	2,247	65.9	15.1	17.0	17	13	0.80	5/31	3
Payback	Yellow	2,004	2,698	2,152	64.9	17.9	16.9	19	14	0.74	6/2	0
PS11300240W	Green		2,754	2,046	63.9	16.0	16.5	17	14	0.80	5/29	3
Pro 212-7102	Green			2,023	66.0	17.0	19.3	20	17	0.84	6/3	0
PS1634C0011W	Yellow	2,229	2,860	2,003	66.6	15.3	16.7	18	15	0.81	5/30	0
Keystone	Green	1,722	2,304	1,995	65.6	18.4	16.3	24	20	0.84	6/2	3
Goldenwood	Yellow	2,222	2,869	1,992	65.2	17.3	17.8	19	15	0.77	6/4	0
Vail	Green	2,033	2,619	1,937	65.9	16.4	18.5	19	16	0.82	6/4	0
Pro 172-7107	Green		2,530	1,931	65.8	18.8	16.7	17	13	0.78	5/28	5
Pro 144-7211	Yellow			1,860	65.1	18.4	16.6	18	14	0.82	6/6	5
MiCa	Green	1,880	2,554	1,679	63.8	16.6	20.1	19	15	0.75	6/8	4
PS17340612W	Green		2,513	1,668	63.2	17.9	16.9	16	12	0.77	5/31	10
PS19340376W	Green			1,293	65.2	18.9	18.7	18	15	0.84	6/3	9
Klondike	Yellow	1,658	2,274	1,286	65.3	19.5	21.2	20	15	0.73	6/7	0
KurtWood	Green	1,586	2,040	966	65.4	19.1	18.6	21	17	0.81	6/4	0
Average		1,960	2,595	1,842	65.2	17.6	17.7	19	15	0.79	6/2	3
LSD (0.05)		260	313	474	1.0	0.9	2.1	2	2	ns	2.9	3
CV (%)		16.2	12.0	17.7	1.0	3.4	7.9	8.7	9.7	9.2	28.3	80.9

*2-year and 3-year average yields were derived from data collected in 2021, 2023 and 2025. The Greencreek location was destroyed by hail in 2022 and significantly impacted by Ascochyta complex in 2024.

**Variety or selection yields in bold were not statistically different from the top yielding variety.