

2023 Idaho Spring Pea (Green) – Ferdinand (Camas Prairie)

Variety or Selection ¹	3-Year Average (lb/A) ²	2-Year Average (lb/A) ²	2023 Crop Year							
			Seed Yield (lb/A) ³	100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Pod Shatter (%)
N16003-3			1348	20.5	23.8	30	24	0.81	7/6	8
PS14100012			1326	19.0	26.3	29	20	0.69	7/5	0
PS1410B0065	1839	1670	1266	20.5	25.9	26	19	0.76	7/8	0
Ariel	1649	1618	1236	15.9	26.6	24	18	0.78	7/7	1
PG 4046			1218	18.1	26.3	27	22	0.81	7/7	3
MS-22G1			1208	17.3	26.4	29	22	0.78	7/7	0
PS17100182			1193	17.8	26.6	30	22	0.76	7/9	0
Aragorn	1511	1535	1160	17.4	27.1	26	18	0.69	7/5	0
PS16100038			1138	20.9	25.1	21	17	0.81	7/9	0
N16060-1			1107	17.5	27.0	27	23	0.86	7/7	0
Passion	1801	1677	1075	18.0	24.4	25	19	0.78	7/4	0
PG 3409			1044	17.8	26.7	28	21	0.77	7/9	4
PG 3721			1024	19.1	26.0	27	22	0.82	7/6	19
Hampton	1579	1339	1006	19.1	27.0	24	12	0.50	7/9	13
Banner 18			999	16.5	24.1	30	18	0.61	7/4	0
Shamrock			973	18.5	25.6	27	23	0.84	7/9	9
Banner	1638	1619	943	16.3	23.6	31	18	0.59	7/3	0
Pro 171-7665			931	19.4	23.7	26	19	0.74	7/4	3
Pro 171-7139			908	17.2	28.1	24	18	0.75	7/4	0
Ginny 2	1456	1504	895	18.5	26.4	26	19	0.75	7/7	3
Vail*			823	14.2	29.4	24	18	0.75	7/10	0
Columbian	1295	1219	518	15.9	28.4	36	7	0.20	7/3	18
Average	1597	1522	1061	18.0	26.1	27	19	0.72	7/6	4
LSD (0.05)	291		397	1.1	--	4	3	0.13	1.7	ns
CV (%)	21.3	19.0	26.5	4.3	--	11.3	10.7	12.8	28.4	258.4

¹ Variety marked with an asterisk (*) is a winter pea.

² Two- and 3-year averages were calculated using data from 2018, 2019 and 2023. There was not a spring pea trial on the Camas Prairie in 2020, data was lost due to extreme heat and drought in 2021, and there was severe hail damage in 2022.

³ Variety or selection yields in bold were statistically equal to the top yielding variety.

2023 Idaho Spring Pea (Yellow) – Ferdinand (Camas Prairie)

Variety or Selection ¹	3-Year Average (lb/A) ²	2-Year Average (lb/A) ²	2023 Crop Year							
			Seed Yield (lb/A) ³	100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Pod Shatter (%)
LGPN 4258			1541	20.3	25.1	27	21	0.78	7/6	0
PS16NZ0003			1523	20.4	27.4	29	23	0.79	7/6	1
AAC Julius			1465	16.3	29.1	30	23	0.78	7/7	0
5206			1437	19.9	27.9	33	24	0.72	7/8	5
PS17100022			1437	19.6	26.3	29	23	0.77	7/7	0
DL1814			1400	21.2	27.3	29	21	0.71	7/7	0
PS17100239			1394	20.1	28.1	27	20	0.73	7/8	0
Carousel	1503	1492	1374	20.6	26.3	25	22	0.86	7/8	15
N15058-11			1332	17.9	25.9	26	21	0.80	7/4	1
MS ProStar			1310	19.7	28.8	28	23	0.83	7/7	3
PS17100236			1178	19.3	27.8	28	23	0.80	7/4	0
DL GrowPro			1174	24.4	27.3	32	27	0.84	7/7	4
Boost			1167	19.1	27.0	28	23	0.81	7/7	0
MS Winterberry*			1138	16.3	27.3	26	17	0.67	7/10	3
AAC Chrome			1129	19.8	25.3	22	18	0.82	7/7	1
PS17100008			1087	20.6	25.4	23	19	0.82	7/5	11
PS16100111			1078	19.0	26.3	23	16	0.67	7/5	15
PS16NZ0005			1069	17.5	25.6	26	19	0.78	7/6	5
AAC Carver		1746	1063	19.4	26.1	29	23	0.81	7/8	1
N16103-4			1053	20.4	26.2	28	22	0.78	7/5	4
Pro 173-7406			938	19.3	25.1	28	21	0.75	7/5	4
CDC Spectrum			931	20.2	27.6	28	20	0.72	7/9	3
Pro 164-7117			809	15.2	28.5	22	16	0.73	7/12	0
AAC Beyond			800	17.2	27.8	23	19	0.84	7/9	0
Payback*			788	15.1	27.5	21	15	0.73	7/12	0
Average	--	1619	1184	19.1	26.9	27	21	0.77	7/7	3
LSD (0.05)	--	ns	365	1.5	--	4	3	ns	1.2	9
CV (%)	--	19.6	21.4	5.6	--	11.8	10.9	10.9	16.7	209.9

¹ Varieties marked with an asterisk (*) are winter pea.

² Two- and 3-year averages were calculated using data from 2018, 2019 and 2023. There was not a spring pea trial on the Camas Prairie in 2020, data was lost due to extreme heat and drought in 2021, and there was severe hail damage in 2022.

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