

2024 Idaho Chickpea – Genesee

Variety or Selection	2024 Crop Year													
	3-Year Average (lb/A)	2-Year Average (lb/A)	Seed Yield (lb/A)*	Test Weight (lb/bu)	100 Seed Weight (g)	Seed Protein (%)	Plant Height (in)	Canopy Height (in)	Plant Height Index (0-1)	Chickpea Size (%)				Flowering Date
										(>25/64")	(>22/64")	(>20/64")	(<20/64")	
NDC160236			1,835	61.1	39.8	20.3	19	16	0.86	<1	39	52	8	6/26
NSSCX04		1,837	1,635	61.3	44.7	20.4	16	14	0.86	6	67	24	3	6/27
NSSCX01		1,793	1,590	60.8	45.0	20.7	15	14	0.91	6	62	28	3	6/26
CDC Frontier	2,362	2,008	1,583	62.4	35.6	20.6	16	14	0.87	1	25	63	12	6/25
CDC Orion	2,061	1,770	1,578	60.5	41.8	18.2	16	14	0.89	5	55	36	5	6/24
Billybeans	2,235	1,910	1,558	62.2	27.5	20.4	18	14	0.82	<1	3	32	65	6/24
Nash	1,925	1,737	1,517	59.5	43.3	22.1	17	14	0.84	27	63	8	2	6/26
CA17900020C	1,968	1,695	1,493	59.9	44.9	20.8	17	15	0.84	11	75	12	1	6/25
CDC Palmer	2,086	1,752	1,461	61.6	37.9	19.4	15	14	0.90	<1	40	51	9	6/24
ND Crown			1,445	61.7	43.2	21.6	20	17	0.82	1	66	29	3	6/26
Kasin	2,059	1,782	1,428	62.6	29.7	20.9	20	17	0.87	1	3	24	72	6/26
CA15940057C	2,013	1,665	1,427	59.1	42.7	21.9	16	13	0.82	21	70	7	1	6/26
CDC Leader	2,103	1,734	1,377	61.9	38.2	20.1	15	13	0.88	0	43	49	7	6/25
CA13900162C	2,052	1,736	1,376	59.1	42.2	20.7	17	14	0.84	16	73	9	1	6/26
Sawyer	1,793	1,620	1,363	61.9	40.0	21.0	15	13	0.88	4	43	46	7	6/26
New Hope	1,689	1,501	1,310	61.9	39.9	21.4	20	17	0.85	1	48	45	6	6/26
Sierra	1,690	1,495	1,229	60.8	43.7	20.9	16	13	0.84	8	71	18	3	6/26
Average	2,001	1,734	1,482	61.1	40.0	20.7	17	14	0.86	6	50	31	12	6/25
LSD (0.05)	214	133	124	0.7	2.8	0.5	1	1	0.07	4	8	7	5	1.1
CV (%)	13.1	7.7	5.9	0.8	4.9	1.8	5.4	4.5	6.1	45.6	10.6	16.1	30.6	5.3

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

2024 Idaho Spring Pea (Green) – Genesee

Variety or Selection	3-Year Average (lb/A)	2-Year Average (lb/A)	Seed Yield (lb/A)*	Test Weight (lb/bu)	2024 Crop Year						
					100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Pod Shatter (%)
Pro 171-7665		2,415	2,233	63.8	19.4	20.8	24	19	0.80	6/24	0
Banner 18	2,658	2,437	2,218	65.7	17.5	18.9	27	20	0.77	6/21	3
Passion	2,445	2,312	2,185	63.7	18.3	21.0	22	18	0.82	6/24	0
PG 9634			2,144	64.9	18.5	23.3	27	21	0.79	6/27	3
Banner	2,286	2,246	2,054	65.2	16.9	19.5	25	20	0.79	6/21	3
PG 9641			2,015	63.4	18.8	24.0	28	22	0.79	6/25	0
PG 9635			2,011	64.6	17.3	23.5	28	22	0.79	6/25	0
Ginny 2	2,482	2,128	2,006	63.4	17.4	23.4	23	19	0.81	6/24	1
PG 9645			1,968	64.0	17.0	23.1	27	21	0.78	6/24	1
Aragorn	2,014	1,891	1,937	62.5	17.8	23.3	24	19	0.80	6/23	1
PS17100182		2,315	1,904	64.0	17.7	26.9	30	24	0.80	6/26	3
Ariel		1,990	1,886	62.5	15.2	24.5	23	18	0.79	6/24	3
Hampton	2,426	2,204	1,820	63.0	19.0	24.1	24	17	0.73	6/26	4
PG 4046		2,010	1,778	63.2	17.0	24.8	27	21	0.77	6/24	5
PS16100017			1,689	62.2	18.1	22.9	25	19	0.75	6/24	14
Columbian	1,772	1,715	1,523	62.1	16.4	24.3	30	11	0.35	6/12	0
Vail**	2,008	1,815	1,505	64.3	12.8	27.6	24	19	0.80	6/27	0
Shamrock	2,132	1,905	1,379	64.3	17.7	23.6	28	23	0.81	6/26	38
Average	2,247	2,106	1,903	63.7	17.4	23.3	26	20	0.76	6/24	4
LSD (0.05)	244	146	193	0.6	0.6	0.5	2	2	0.07	0.9	4
CV (%)	13.4	7.0	7.2	0.6	2.5	1.6	6.7	6.3	6.3	5.0	72.5

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

**Varieties are winter pea.

2024 Idaho Spring Pea (Yellow) – Genesee

Variety or Selection	2024 Crop Year										
	3-Year Average (lb/A)	2-Year Average (lb/A)	Seed Yield (lb/A)*	Test Weight (lb/bu)	100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Pod Shatter (%)
PS17100008	2,667	2,319	2,199	63.3	20.7	21.8	19	16	0.86	6/24	4
PS17100022	2,647	2,481	2,052	64.6	19.9	25.4	30	24	0.79	6/24	0
AAC Julius	2,732	2,424	2,040	63.2	17.1	25.7	27	22	0.79	6/25	1
5206		2,360	1,895	63.6	18.9	25.8	32	24	0.75	6/25	5
PS17100120			1,853	62.5	22.2	22.6	24	19	0.79	6/25	10
Pro 173-7406	2,462	2,202	1,840	62.0	20.1	22.3	27	22	0.80	6/24	8
PS22100111			1,790	63.7	21.0	23.1	29	24	0.81	6/24	5
Pro 143-6230			1,679	63.1	18.2	24.5	24	19	0.77	6/24	4
Carousel	2,294	1,857	1,653	64.6	20.3	24.9	27	22	0.82	6/24	23
PS22100020			1,492	62.8	20.3	25.8	27	22	0.83	6/24	28
AAC Chrome	2,512	2,046	1,484	62.2	17.6	23.9	25	19	0.77	6/26	9
Payback**		1,386	1,190	63.7	12.9	25.5	16	13	0.81	6/30	0
Average	2,552	2,146	1,764	63.3	19.1	24.3	26	20	0.80	6/25	8
LSD (0.05)	ns	230	296	0.5	0.7	0.9	2	2	ns	1.3	8
CV (%)	17.7	10.5	11.7	0.6	2.6	2.6	6.3	5.9	6.1	6.7	66.0

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

**Varieties are winter pea.

2024 Idaho Spring Lentil – Genesee

Variety or Selection	Market Class	3-Year Average (lb/A)	2-Year Average (lb/A)	Seed Yield (lb/A)*	2024 Crop Year				
					100 Seed Weight (g)	Plant Height (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date
Avondale	Medium green	1,390	1,356	959	4.9	13	10	0.78	6/25
LC14600088R	Medium green	1,285	1,292	940	5.1	14	10	0.68	6/25
Morena	Spanish brown	1,354	1,384	934	4.5	11	10	0.85	6/26
LC14600017P	Spanish brown	1,423	1,357	933	4.6	13	8	0.66	6/26
LC19640200P	Spanish brown			920	4.7	12	8	0.66	6/21
LC14600027P	Spanish brown			904	4.8	12	10	0.85	6/26
LC19640192R	Medium green		1,343	861	4.5	13	10	0.75	6/24
LC06601616R	Medium green			858	5.2	13	10	0.80	6/25
LC19640586R	Medium green		1,131	839	4.9	13	10	0.75	6/25
LC08600113P	Spanish brown	1,163	1,222	817	4.9	12	9	0.73	6/25
Pardina	Spanish brown	1,218	1,213	713	4.6	12	8	0.70	6/24
LC09600507P	Spanish brown			705	4.6	12	8	0.67	6/23
Merrit	Large green	1,005	1,099	690	5.7	13	9	0.73	6/22
Brewer	Large green	880	893	425	5.2	12	8	0.69	6/23
Average		1,214	1,228	823	4.9	12	9	0.73	6/24
LSD (0.05)		149	159	253	0.3	1	0.9	0.10	2.0
CV (%)		14.3	12.2	18.7	4.1	6.5	7.1	9.4	14.7

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