

2019 Idaho Spring Pea – Moscow

Variety or Selection	3-Year Average (lb/A)	2-Year Average (lb/A)	2019 Crop Year				
			Seed Yield (lb/A)*	100 Seed Weight (g)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)
Green							
Pro 161-7125			3470	21.1	31	26	0.83
PS1410B0073			3234	19.7	31	26	0.85
PS10100158		2835	3161	18.2	30	21	0.71
Ariel	2073	2780	3056	18.5	29	25	0.87
AAC Comfort		2720	2975	23.0	31	26	0.85
Greenwood	2100	2866	2967	20.1	27	22	0.84
Pro 171-6513			2957	21.5	30	23	0.77
Pro 141-6258	2189	2965	2896	20.7	28	21	0.74
CDC Greenwater		2396	2810	22.1	33	27	0.82
Hampton	1838	2419	2789	21.2	29	22	0.79
PS1410B0065		2673	2740	21.9	29	22	0.76
PS1410B0006			2680	22.3	29	19	0.65
Aragorn	1879	2538	2632	20.6	29	22	0.77
Ginny	1912	2592	2566	19.7	29	23	0.78
Banner	1804	2476	2557	20.2	29	23	0.78
Pro 131-7123	1859	2506	2515	17.4	29	23	0.78
Pro 121-7126	1855	2473	2123	21.1	28	22	0.77
Columbian	1416	1960	1931	18.1	33	9	0.30
Average	1893	2587	2781	3.0	30	22	0.76
LSD (0.05)	356	520	719	0.9	ns	4	0.16
CV (%)	23.2	20.2	18.2	20.4	9.7	14.1	14.9

Yellow

CDC Saffron			3545	22.8	33	27	0.82
PS07100925	2321	3180	3533	24.7	29	20	0.69
AC Agassiz			3321	22.3	32	26	0.81
Pro 093-7410	2345	3225	3315	20.6	31	22	0.70
PS08101022	2201	3015	3236	24.4	29	17	0.60
PS14100079			3220	28.7	28	20	0.69
PS14100068			3179	23.8	31	23	0.74
Pro 133-7409	2278	3022	3166	23.3	32	21	0.66
AAC Carver			3098	23.2	34	26	0.77
MS-19YP1			3082	21.2	35	27	0.79
Carousel	2127	2853	2983	22.5	32	26	0.81
PS1410B0003			2957	23.8	32	24	0.74
PS16100085		2287	2729	23.6	28	21	0.76
Ewald		2696	2698	24.5	29	21	0.72
Average	2254	2897	3147	23.5	31	23	0.74
LSD (0.05)	ns	ns	ns	0.7	3	3	0.08
CV (%)	25.8	25.6	18.3	2.0	7.5	8.3	7.8

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

2019 Idaho Spring Lentil – Moscow

Variety or Selection*	Market Class	3-Year Average (lb/A)	2-Year Average (lb/A)	2019 Crop Year				
				Seed Yield (lb/A)**	100 Seed Weight (g)	Plant Height (in)	Canopy Height (in)	Plant Height Index (0-1)
Richlea	Medium green	861	1172	1439	4.8	16	11	0.70
LC14600088R	Medium green		1158	1341	5.1	16	10	0.60
LC11600298L	Large green			1313	6.7	15	10	0.65
LC09600410L	Large green	841	1228	1305	6.8	15	10	0.66
Avondale	Medium green	881	1195	1281	4.9	16	12	0.78
LC14600031P	Spanish brown			1269	4.4	14	8	0.59
Morena	Spanish brown	763	1000	1203	3.9	15	11	0.71
LC11600370R	Medium green			1186	4.9	14	13	0.88
LC14600023P	Spanish brown			1105	4.0	13	10	0.72
Crimson	Small red	539	790	1101	3.9	14	10	0.76
LC14600027P	Spanish brown			1086	4.8	15	11	0.73
LC0860113P	Spanish brown		1007	1069	4.5	14	9	0.66
LC14600032P	Spanish brown			1017	4.1	14	8	0.61
LC01602273E	Small green	740	959	981	3.5	15	9	0.64
Eston	Small green	577	838	946	3.4	14	10	0.72
Merrit	Large green	646	907	945	6.4	17	9	0.52
LC09600507P	Spanish brown	671	904	917	4.4	15	9	0.57
Pardina	Spanish brown	600	855	872	3.8	13	7	0.53
Average		711	996	1119	4.6	15	10	0.67
LSD (0.05)		134	169	216	0.2	2	2	0.12
CV (%)		22.1	15.6	10.9	2.5	6.9	10.7	9.6

*This location needed to be reseeded due to poor emergence in the first planting. There was insufficient seed to replant LC08600005E.

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

2019 Idaho Chickpea – Moscow

Variety or Selection	2019 Crop Year								
	3-Year Average	2-Year Average	Seed Yield	100 Seed Weight	Plant Height	Chickpea Size (%)			
	(lb/A)	(lb/A)	(lb/A)*	(g)	(in)	(>25/64")	(>22/64")	(>20/64")	(<20/64")
CA0790B0547C	2684	3308	4286	52.7	22	24	68	8	<1
CA13900049C			3880	40.1	21	6	64	28	2
CA13900139C		3022	3842	46.7	24	21	66	12	1
CA0890B0429C			3802	56.4	23	55	43	2	<1
CA13900162C		2767	3790	55.3	25	50	48	2	<1
Nash	2187	2699	3710	55.8	24	41	46	12	1
Billybeans	2566	3220	3637	30.5	27	1	5	43	51
CDC Frontier	2442	3066	3582	36.1	23	1	33	57	9
Sawyer	2183	2758	3569	41.7	22	3	61	32	3
Bronic	2507	3163	3553	37.0	25	1	30	57	11
CA13900119C		2748	3447	52.5	21	41	53	4	2
CDC Palmer		2839	3429	42.8	22	5	69	24	2
CDC Orion	2265	2879	3411	45.0	21	12	73	14	1
CDC Leader		2815	3368	41.9	23	4	63	30	3
CA13900023C		2533	3285	53.5	24	36	57	6	1
CA13900046C			2891	41.2	21	1	73	25	2
Sierra	1799	2168	2888	50.9	21	30	64	5	1
Average	2329	2856	3551	45.9	23	20	54	21	5
LSD (0.05)	529	592	715	5.1	3	17	15	10	4
CV (%)	27.9	20.8	14.2	7.8	10.2	60.0	19.0	33.6	50.8

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