

No-till dry pea variety performance results at Genesee, 2006.

Stephen Guy and Mary Lauver - Univ. of Idaho Coop. Ext., Moscow, ID

Variety or Selection	Seed Yield lb/acre	Seed Weight g/100	Vine Length inches	Canopy Height inches	Erect Index* 0.0-1.0
Aragorn	1080	20.9	31	25	0.8
Bluebird	1190	20.5	24	10	0.4
Camry	820	22.1	25	14	0.6
Columbian	1400	17.6	41	6	0.1
Cooper	490	24.5	30	23	0.8
Cruiser	1120	19.3	32	17	0.5
Joel	1480	19.9	42	8	0.2
Karita	990	24.1	28	23	0.9
K2	1230	20.8	30	27	0.9
Monarch	1330	17.2	28	9	0.3
Pacifica	1170	20.5	36	14	0.4
Stirling	1250	18.6	27	12	0.4
Stratus	980	22.0	25	12	0.5
Toledo	990	21.8	30	22	0.7
Pro 031-7053	1330	18.1	32	16	0.5
Carousel	1030	23.5	31	21	0.7
Rex	1200	21.2	34	7	0.2
Shawnee	1370	19.1	49	8	0.2
Topeka	1440	19.8	27	7	0.3
Universal	1530	21.2	31	17	0.5
Average	1170	20.6	32	15	0.5
LSD (0.10)	188	1.2	4	6	0.2
CV (%)	14	4.8	11	35	37.5

* means canopy height/vine length; 1.0=upright

No-till dry pea variety performance results at Moscow, 2006.

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Variety or Selection	Seed Yield lb/acre	Seed Weight g/100	Vine Length inches	Canopy Height inches	Erect Index* 0.0-1.0
Aragorn	2350	19.4	30	30	1.0
Bluebird	1950	20.7	23	23	1.0
Camry	1960	20.9	19	19	1.0
Columbian	1920	18.4	36	11	0.3
Cooper	1910	23.9	27	27	1.0
Cruiser	1820	17.7	30	30	1.0
Joel	1890	20.2	47	14	0.3
Karita	1950	23.3	26	26	1.0
K2	1760	18.8	25	25	1.0
Monarch	2250	18.7	26	24	0.9
Pacifica	1950	19.3	28	27	1.0
Stirling	1810	18.6	24	21	0.9
Stratus	2000	21.4	21	20	1.0
Toledo	1730	21.6	29	29	1.0
Pro 031-7053	1850	18.6	29	29	1.0
Carousel	1940	21.3	31	30	1.0
Rex	1980	22.2	28	17	0.6
Shawnee	1830	20.1	38	11	0.3
Topeka	2030	21.0	25	25	1.0
Universal	2030	19.9	29	29	1.0
Average	1940	20.3	28	23	0.9
LSD (0.10)	143	0.8	3	4	0.1
CV (%)	6	3.5	9	13	9.8

* means canopy height/vine length; 1.0=upright

Combined no-till dry pea variety performance results at Genesee and Moscow, 2006.

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Variety or Selection	Seed Yield			Seed Weight			Average of 2 Sites		
	Genesee	Moscow	Average	Genesee	Moscow	Average	Vine Length	Canopy Height	Erect Index*
	-----lb/acre-----			-----g/100-----			inches	inches	0.0-1.0
Aragorn	1080	2350	1720	20.9	19.4	20.2	30	28	0.9
Bluebird	1190	1950	1570	20.5	20.7	20.6	24	17	0.7
Camry	820	1960	1390	22.1	20.9	21.5	22	17	0.8
Columbian	1400	1920	1660	17.6	18.4	18.0	39	9	0.2
Cooper	490	1910	1200	24.5	23.9	24.2	29	25	0.9
Cruiser	1120	1820	1470	19.3	17.7	18.5	31	24	0.8
Joel	1480	1890	1690	19.9	20.2	20.1	45	11	0.3
Karita	990	1950	1470	24.1	23.3	23.7	27	25	1.0
K2	1230	1760	1500	20.8	18.8	19.8	28	26	1.0
Monarch	1330	2250	1790	17.2	18.7	18.0	27	17	0.6
Pacifica	1170	1950	1560	20.5	19.3	19.9	32	21	0.7
Stirling	1250	1810	1530	18.6	18.6	18.6	26	17	0.6
Stratus	980	2000	1490	22.0	21.4	21.7	23	16	0.8
Toledo	990	1730	1360	21.8	21.6	21.7	30	26	0.9
Pro 031-7053	1330	1850	1590	18.1	18.6	18.4	31	23	0.8
Carousel	1030	1940	1490	23.5	21.3	22.4	31	26	0.9
Rex	1200	1980	1590	21.2	22.2	21.7	31	12	0.4
Shawnee	1370	1830	1600	19.1	20.1	19.6	44	10	0.2
Topeka	1440	2030	1740	19.8	21.0	20.4	26	16	0.7
Universal	1530	2030	1780	21.2	19.9	20.6	30	23	0.8
Average	1170	1940	1560	20.6	20.3	20.5	30	19	0.7
LSD (0.10)	188	143	117	1.2	0.8	0.8	2	4	0.1
CV (%)	14	6	-	4.8	3.5	-	-	-	-

* means canopy height/vine length; 1.0=upright

Seed yield and seed weight for no-till dry pea varieties tested for three years in northern Idaho.
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Variety or Selection	Seed Yield				Seed Weight			
	2004	2005	2006	Average	2004	2005	2006	Average
	-----lb/acre-----				-----g/100-----			
Bluebird	3270	2100	1570	2310	24.9	20.3	20.6	21.9
Columbian	2910	1560	1660	2040	18.4	18.7	18.0	18.4
Cruiser	2950	2000	1470	2140	20.5	17.9	18.5	19.0
Joel	3060	1780	1690	2180	23.0	19.7	20.1	20.9
Karita	2920	2150	1470	2180	25.5	22.8	23.7	24.0
K2	2970	1990	1500	2150	20.7	18.5	19.8	19.7
Monarch	3410	2230	1790	2480	20.4	18.6	18.0	19.0
Stirling	3430	2030	1530	2330	20.4	18.9	18.6	19.3
Stratus	3430	2350	1490	2420	23.6	21.4	21.7	22.2
Toledo	3010	2000	1360	2120	24.8	22.2	21.7	22.9
Rex	3410	1900	1590	2300	23.2	21.6	21.7	22.2
Shawnee	2820	1720	1600	2050	22.5	19.8	19.6	20.6
Topeka	3320	2310	1740	2460	22.6	21.0	20.4	21.3
Average	3147	2009	1570	2240	22.3	20.1	20.5	21.0
LSD (0.10)	120	160	117	-	0.9	0.5	0.8	-