



UNIVERSITY OF
SASKATCHEWAN

VEGETABLE CULTIVAR AND CULTURAL TRIALS 2005

PREPARED BY:
D. WATERER
J. BANTLE
W. HRYCAN

FUNDED BY:
AGRICULTURE DEVELOPMENT FUND

*Department of Plant Sciences
University of Saskatchewan, 51 Campus Drive
Saskatoon, Saskatchewan, Canada, S7N 5A8
Telephone: (306) 966-5855 Fax: (306) 966-5015
E-mail: doug.waterer@usask.ca jmb127@duke.usask.ca
Website: <http://www.usask.ca/agriculture/plantsci/vegetable>*



Saskatchewan
Agriculture
and Food

PEAS 2005

Cultivar	Source	Date of 50% Harvest	Marketable Yield		% Stand	Pod Characteristics				Taste	Overall Rating	Comments
			Pea + Pod (t/ha)	Pea (t/ha)		Length (cm)	Width (cm)	# Peas/ Pod	Pea Shape			
Bolero ***	EFG	July 25	2.02	0.79	50	6.8	1.3	7	R	4	4	Above average yields, good flavour
Canoe	T+M	July 18	1.93	1.03	5	7.3	1.4	6	O	4	4.5	Early, large peas, good flavour, poor stand
Cascadia ***	EFG	July 18	1.33	0.23	30	5.9	1.3	5	TD	4	2	Good flavour, thick shells, small peas
Caseload	J	July 18	0.45	0.23	70	6.5	1.3	5	O	4.5	3.5	Early, very sweet, large peas
CMG 386G	Os	Aug. 2	0.33	0.09	5	7.1	1.7	7	O	3.5	2	Late, poor stand, poor yields
CMG 387	Os	Aug. 2	0.33	0.12	5	7.2	1.8	5	SIO	2	1	Late, small peas, poor flavour
Dakota	OT,Ve	July 18	2.10	1.19	40	7.0	1.2	6	R-Sq	2	3.5	Very early, concentrated harvest, good yields, peas get old quickly
Dual ***	Ve	July 18	4.58	2.10	80	9.1	1.2	9	R-Sq	3.5	4.5	Early, excellent yields, good flavour, long pods
Dwarf Grey Sugar	EFG	July 25	5.25	2.36	95	6.8	1.3	5	R	---	3.5	Excellent yields but difficult to determine maturity, poor flavour, excellent stand
Early Freezer 680	WDM	July 18	1.08	0.60	10	7.5	1.3	6	R	3	2.5	Dry & starchy, poor stand due to poor germination
Eclipse	ST	Aug. 2	4.13	2.10	80	7.1	1.4	8	R	4.5	4	Late, excellent flavour & yields, good stand
Freezer 69 ***	EFG	July 25	2.85	1.19	70	7.8	1.4	7	R	4	4	Good yields & flavour
Frosty ***	Ve	July 25	6.58	3.51	85	7.6	1.4	6	Ob-Sq	3.5	4.5	Excellent yields, good taste
Galena ***	WCS	July 18	0.22	0.11	10	8.7	1.1	8	R	3.5	3	Good flavour, poor stand due to flooding
Green Arrow ***	NOR	July 18	0.17	0.05	10	7.5	1.8	5	O	3.5	3	Good flavour, poor yields, poor stand due to flooding
Greensage	T+M	July 18	0.08	0.03	10	7.4	1.2	8	R	3.5	3	Good flavour, small peas, poor stand due to flooding
Green Sugar	WG	July 25	0.85	0.45	30	7.0	1.3	7	R	3	3	Concentrated midseason harvest
Homesteader ***	EFG	July 18	0.23	0.08	5	6.8	1.2	6	R	3	2.5	Poor stand due to flooding
Improved Laxton's Progress	ST	July 18	0.18	0.08	5	8.5	1.6	6	Ob	4.5	3	Early, excellent flavour, big peas, poor stand
June's Delight	EFG	July 18	0.32	0.11	5	7.0	1.2	6	R-Sq	3.5	2.5	Very sweet, peas are tightly packed in pods, poor stand due to flooding
Knight	SW	July 18	0.30	0.16	10	9.9	1.6	6	O	---	2	Very early, concentrated harvest, elongated peas, poor stand due to flooding
Laxton's Progress	EFG	July 18	0.97	0.38	50	7.9	1.4	7	O	3.5	2.5	Good flavour
Lincoln ***	ST	July 25	1.65	0.54	60	8.4	1.4	7	R	3	3	Long harvest interval
Little Marvel	EFG	July 25	4.57	1.99	65	7.3	1.4	7	R	4.5	4.5	Long harvest interval, excellent flavour & yields
Little Sweetie	EFG	July 18	1.93	0.40	65	8.2	2.0	6	R-O	4	3	Early, edible pods, crunchy, pale color
Maxigolt ***	J	July 25	1.27	0.40	20	8.3	1.6	7	R	3	3	Long harvest interval
Mega	WCS	July 25	1.40	0.29	30	8.0	1.5	5	R	2.5	2	Long harvest interval, difficult to shell, pods are juicy and brittle, pea size varies - many underdeveloped peas
Mr. Big	EFG	July 25	1.43	0.39	45	11.2	1.7	7	R-O	3.5	3	Long harvest interval, long pods, pea shape & size is variable
Novella ***	EFG	July 25	2.27	1.02	50	7.6	1.4	7	O-R	3	4	Concentrated midseason harvest, good yields
Novella II	Ve	July 25	1.88	1.17	50	7.1	1.3	7	R-Sq	2	3	Concentrated midseason harvest, good yields, poor flavour
Novella Improved ***	WDM	July 25	2.02	0.76	65	8.6	1.2	7	R	4	3.5	Long harvest interval, good yields, variable flavour

PEAS 2005

Olympia ***	ST	July 18	1.53	0.77	30	10.3	1.3	8	R-O	3	4	Very early, good pea weight and pod weight
Oregon Sugar Pod	EFG	July 25	2.65	0.42	75	9.7	2.5	6	TD	2	3	Edible pod, resists disease
Oregon Sugar Pod II	OT	July 25	1.23	0.21	50	7.3	2.3	6	O	1	2	Edible pod, poor flavour
Oregon Trail	WCS	July 25	2.32	---	50	---	---	---	---	---	3	Good pea & pod yields
Progress No.9	NOR	July 18	3.18	1.27	50	10.0	1.8	7	O	---	3.5	Early, difficult to determine when mature, large peas & pods, good yields
Rondo	NOR,Os	July 25	2.93	1.16	60	10.3	1.8	8	O	3.5	4	Large peas & pods, good yields & flavour
Spring ***	EFG	July 18	0.23	0.12	25	7.7	1.4	5	R	---	2	Very early, short harvest interval - peas were overdone
Straight Arrow ***	WDM	July 18	0.33	0.17	5	8.4	1.2	7	R	3.5	3	Very early, sweet but starchy, attractive uniform colour, poor stand
Sugar Anne	SIE	July 18	0.25	0.10	5	6.3	1.1	6	R-Sq	1.5	2	Very early, poor stand
Sugar Lace II	BUR	July 25	1.13	0.20	50	6.1	1.4	5	O	2	2	Small peas, bland
Super Sugar Snap	NOR	July 18	0.52	0.12	10	7.0	1.4	5	R-O	4	1.5	Good flavour, poor stand & yields
Thomas Laxton	Ve	July 18	1.05	0.40	30	6.8	1.5	6	O	2.5	2	Early, difficult to determine when mature
Utrillo	NOR	July 25	0.38	0.09	30	9.3	1.8	6	O	---	1	Long harvest interval, big pods with little peas, poor yields
Wando ***	Ve	July 25	3.13	1.07	60	7.5	1.4	6	R-O	3	3.5	Good yields, bland, long harvest interval
Average		July 22	1.68	0.68	51	7.9	1.5	6		3.2	3.0	

Date Seeded: May 5, 2005
 Date of First Harvest: July 18, 2005
 Date of Final Harvest: August 2, 2005

Spacing: Between row - .75m
 In row - 5 cm

Taste/Overall Rating: 1 - poor
 5 - excellent

Pea shape: O - oval Sl - slightly
 Ob - oblong Sq - square
 R - round TD - teardrop

--- Data not available

Bold = Best in 2005 trials

*** = Previously recommended