

Pulse Crops

Faba Bean

Regional Faba Bean

Dawson Creek 1994

Date Seeded: May 4, 1994 (124)
Date Harvested: Sept.23, 1994 (266)

CV = 11.06 %

Variety	Days to Mature	Height cm	Test		Yield		Yield % of Orion
			Weight kg/hl	1000 k grams	kg/ha	bu/ac	
82RM2227	121	83	85.6	485	2314	30	110%
OUTLOOK	118	85	86.3	386	2228	29	106%
PEGASUS	121	87	85.0	398	2138	28	102%
ORION	106	70	84.6	297	2102	27	100%
ALADIN	125	85	84.8	482	2075	27	99%

Regional Faba Bean

Fort St. John 1994

Date Seeded: May 10, 1994 (130)
Date Harvested: Sept.21, 1994 (264)

Coefficient of Variation = 13.29 %

Variety	Days to Mature	Height cm	Lodge 1-9 flat	Test		Yield		Yield % of Orion	Protein Dry %
				Weight kg/hl	1000 k grams	kg/ha	bu/ac		
82RM2227	119	108	4	86.1	496	3458	45	119%	23.0
ALADIN	123	108	4	85.0	517	3355	44	116%	25.5
OUTLOOK	118	109	3	86.5	429	3353	43	115%	23.8
PEGASUS	119	113	2	86.1	406	3264	42	112%	23.2
ORION	104	98	1	85.8	319	2905	38	100%	20.6

Chick Pea - Large seeded Kabuli or garbanzo type is used for canning and salad bars. Small seeded Desi is used primarily for flour. Late maturing (110 to 120 days). Previous attempts failed to produce seed but newer variety of Desi did produce in 1999.

Coloured Beans (Pinto, Navy, Black, Pink, Red Mexican, Great Northern, etc.)

- Sensitivity to frost and cool soils makes these crops difficult for our area. Good results in the warm conditions of 1994. Blackbeans were grown in 1998 but were destroyed by hail. New varieties now available may prove to have better potential.

Faba Bean - Late maturing, very large seed. In 1995 our plots produced huge plants, some over 5 feet. Unfortunately crop failed to mature in time and was killed by frost. New earlier varieties tested in 1998 were destroyed by hail.

Lentil - Not weed competitive. Very short height makes harvesting difficult. Difficult to achieve human consumption quality with our usual cool wet falls.

Marrowfat Pea - Niche market for this type of pea. Similar to other field peas but larger seed size.

Lathyrus - Also known as grasspea. Exceptionally drought tolerant. Primarily feed crop.

Forage Pea - similar to other field peas but smaller seed.

Austrian Winter Pea - Short height crop which produces a very small seed for feed or birdseed.

Exotic Peas, Chickpeas, Beans, Lentils

Dawson Creek 1999

Variety	Type	Test Weight		1000 k grams	kg/ha	Yield lb/ac	bu/ac	Yield as % of Carneval
		kg/hl	lb/bu					
PROMAR	marrowfat pea	83.8	67.1	281	2610	2331	35	73%
PEKO	forage pea	83.7	66.9	158	3353	2994	45	94%
CDC APRIL	Austrian winter pea	85.3	68.2	121	3748	3346	49	105%
Lathyrus	grass pea	84.7	67.8	143	2813	2511	37	79%
MYLES	Desi chickpea	78.2	62.5	176	1196	1068	17	33%
CARNEVAL	yellow field pea	82.7	66.1	182	3582	3198	48	100%

Dawson Creek 1994			
Variety	Type	Yield	
		kg/ha	lb/ac
VIVA	pink bean	2710	2420

Regional Lentils			Fort St. John 1994				
<p>Date Seeded: May 10, 1994 (130) Date Harvested: Sept.21, 1994 (264) Direct Combined at 124 days</p>							
Variety	Days to Mature	Test Weight		1000 K grams	Yield		Yield % of Indian Head
		lbs/bu	grams		kg/ha	bu/ac	
INDIAN HEAD	106	67.9	24.2	1881	25	100%	
RICHLEA	108	63.2	48.2	1525	22	81%	
ESTON	101	65.3	33.6	1523	21	81%	
ROSE	103	63.3	40.2	1468	21	78%	
LAIRD	108	62.4	74.8	1035	15	55%	
Coefficient of variation = 16.47%							

Pulse crops can suffer severe grade loss due to frost damage. Our usually cool moist falls decrease the chance of achieving human consumption quality. Very late varieties (over 110 days) may not mature enough to be harvestable.