

Green and Yellow Field Peas

The field peas were grown in St. Paul with both green and yellow peas being assessed. There were 6 green pea varieties and 13 yellow pea varieties grown. We had difficulty this year with harvesting the peas due to very poor standability. The average height of the green peas was 84cm and the yellow pea's 84 cm.

AAC Comfort is the highest yielding of the green pea varieties at 51 bu/ac. CDC Inca yielded the highest among the yellow pea varieties. Compared to the check AAC Comfort surpassed the check by 13%. CDC Inca surpassed the check by 10%

The yield data for the green and yellow field peas are shown in table 11 and 12, respectively.

Table 11. RVT Green Field Pea Data St. Paul, 2020.

Variety	Yeild (bu/ac)	% of CDC Spruce	TWT (lbs/bu)	TKW (g)	Height (cm)
AAC Comfort	51	113	405.93	258	83
Garde	48	105	406.5	257	83
CDC Limerick	45	101	415.15	219	83
CDC Forest	45	101	409.64	252	86
CDC Spruce	45	100	413.31	272	82
Blueman	45	100	413.95	227	87
CV=9.63					

Table 12. RVT Yellow Field Pea Data St. Paul, 2020.

Variety	Yeild (bu/ac)	% of CDC Spruce	TWT (lbs/bu)	TKW (g)	Height (cm)
CDC Inca	56	110	414.78	262	83
CDC Spectrum	55	107	414.65	244	91
AAC Ardill	53	104	408.12	289	81
AAC Delhi	52	102	411.1	259	98
CDC Amarillo	51	101	409.9	249	85
CDC Lewochko	51	100	422.35	258	84
CDC Athabasca	51	100	407.05	275	78
AAC Barrhead	51	99	411.05	239	86
AAC Lacombe	50	99	410.8	256	79
AAC Profit	50	98	414.48	259	78
AAC Carver	49	96	414.1	269	83
LN4228	49	95	409.54	234	85
CDC Canary	40	79	411.05	251	81
CV = 10.55					

Faba Beans

Faba Beans were seeded in St. Paul this year, this was the first time in years that we were able to take mature faba beans off dry. There were seven varieties of faba beans grown in 2020. Fabelle was the highest yielding variety at 55 bu/ac followed by DL Tesoro at 52bu/ac. Overall we were very impressed with how easy the faba beans were to harvest and look forward to growing them again in 2021.

Table 13. RVT Faba Beans Data 2020.

Variety	Yeild (bu/ac)	-	% of Snowbird	TWT (lbs/bu)	TKW (g)	Height (cm)
Fabelle	55	a	119	410.58	579	112
DL Tesoro	52	a	113	412	623	108
CDC219-16	47	b	101	418.9	396	104
Snowbird	46	b	100	402.65	510	98
Malik	44	bc	96	397.25	648	103
NPZ 16.7610	40	cd	86	412.46	598	110
NPZ 16.7601	36	d	79	417.8	684	115
CV=6.6						