

Green and Yellow Field Peas

The field peas were grown in the County of St. Paul with both green and yellow peas being assessed. There were 5 green pea varieties and 15 yellow pea varieties grown. Both the green and yellow field pea trials were seeded on May 12th, 2021 with 50 lbs/ac of 11-52-0-0 side banded at seeding. Both of the pea trials were harvested on September 23rd, 2021. There was difficulty harvesting the yellow peas this year due to poor standability. Looking at the tables below the highest yielding yellow pea variety was CDC Lewochko at 34 bu/ac which yielded 25% higher than the check variety CDC Amarillo at 27bu/ac. The average height of the yellow pea was 58cm.

Blueman was the highest yielding variety in the green pea varieties at 23bu/ac and had an average height of 50 cm; however, the data that is shown in the green peas is not statistically sound due to the high variability as indicated by the CV of 26.4.

Table 8. RVT Yellow Peas, 2021.

Variety	Yield (bu/ac)	% of CDC Amarillo	TWT (lbs/bu)	TKW (g)	Height (cm)
CDC Lewochko	34	125	412.45	273	62
AAC Profit	32	118	415.45	268	55
CDC Spectrum	29	105	410.88	223	62
AAC Barrhead	28	104	410.68	262	58
AAC Beyond	28	101	405.64	233	47
AAC Carver	27	101	409.09	273	61
CDC Inca	27	100	416.66	270	67
CDC Amarillo	27	100	409.28	270	61
AAC Delhi	27	98	399.95	316	47
AAC Ardill	26	98	414.68	289	61
AAC Julius	26	96	410.68	257	56
AAC Aberdeen	24	88	410.5	286	61
CDC Canary	23	84	413.35	256	60
AAC Lacombe	17	62	415.23	292	57
LN4228	14	50	408.75	316	55
CV 19.4					

Table 9. RVT Green Peas Data, 2021.

Variety	Yield (bu/ac)	% of CDC Limerick	TWT (lbs/bu)	TKW (g)	Height (cm)
Blueman	23	169	305.28	264	49
CDC Forest	18	133	305.95	265	46
Garde	18	132	243.41	259	51
CDC Rider	16	119	408	239	54
CDC Limerick	14	100	251.21	232	52
CV 26.45					

Faba Beans

Faba Beans were seeded in the county of St. Paul on May 12th, 2021, side banded with a 11-52-0-0 fertilizer at a rate of 50lbs/ac. The faba bean trial was harvested on September 28th, 2021. There were 6 varieties of faba beans grown in 2021. The highest yielding varieties were 219-16 and Fabelle at 23bu/ac. The average height of the faba beans was 55 cm in height which was impressive considering the lack of moisture seen during the growing season. Overall, we were very impressed with the results from the faba beans and look forward to growing them again in 2022.

Table 10. RVT Faba Beans Data 2021.

Variety	Yield (bu/ac)	% of Snowbird	% of Malik	TWT (g)	TKW (g)	Height (cm)
219-16	23	114	166	405.26	395	51
Fabelle	23	114	165	406.43	550	60
Snowbird	20	100	145	389.45	463	53
DL Tesoro	18	93	136	403.35	580	58
Malik	14	69	100	380.39	608	54
DL 18.7602	10	52	75	400.66	483	58
CV 13.16						

Image 1. Faba Beans, June 30, 2021

