Saskatchewan Conventional Soybean Regional Variety Trial: 2018 - 2020 Means

Name	PBR Status	Type[1]	Hilum Colour[3]	Company Maturity Grouping[2]	Site Years Tested	Days To Maturity[4]	Maturity Site Years	Mean Yield % OAC Prudence[5]	Yield Site Years	Canadian Marekting Agent
OAC Prudence	Con Check6	Con	Y	0.3	3	-2	11	100	12	SeCan
AAC Edward		Con	Y	0.4	3	-4	11	111	12	SeCan
Liska	Applied	Con	IY	0.6	2	0	9	94	10	Prograin
Maxus		Con	IY	0.3	3	2	11	91	12	Prograin
Maya	Applied	Con	IY	0.8	2	-3	9	88	10	Prograin
Siberia		Con	IY	0.2	3	-1	11	114	12	Prograin
X5895-1-S1-25		Con	light	0	2	-4	9	90	10	U of S
X5897-1-S1-6		Con	light	0	2	-4	9	94	10	U of S

[1]Varieties tested in this trial are conventional (con) soybean varieties and do not have tolerance to glyphosate. Two glyphosate tolerant varieties are included as check varieties only.

[2]Maturity Groups are assigned by individual companies to assist growers select varieties suitable for their area; growers should not rely on only one source of information for judging maturity.

[3]Hilum is the point where seed attaches to the pod. Y-Yellow, IY-Imperfect Yellow, CLR-Clear

[4]Days to maturity represents days from seeding to 95% mature and calculated as +/- days vs. OAC Prudence. Weighted means are used.

[5]Mean yield of the check variety OAC Prudence was 25 bushels pre acre (bu/ac) in 2018, 26 bu/ac in 2019, and 29 bu/ac in 2020. Typical on-farm yields are 25-38 bu/ac.

[6]In 2019 and 2020, the herbicide-tolerant varieties NSC Watson RR2Y and TH 33003R2Y were included as check varieties. In 2019, NSC Watson RR2Y matured eight days earlier and yielded 99% of OAC Prudence and TH 33003R2Y matured one day earlier and yielded 98% of OAC Prudence. In 2020 NSC Watson RR2Y matured seven days earlier and yielded 106% of OAC Prudence and TH 33003R2Y maturity = OAC Prudence and yielded 101% of OAC Prudence.