

canola²⁰²²

PERFORMANCE TRIALS

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2022 Complete Canola Performance Trials (CPT) SMALL PLOT (Standard and Straight Cut) and FIELD SCALE DATA

This report contains all the final 2022 CPT small plot and field scale data.

- For all CPT information, visit www.canolaperformancetrials.ca
- To view the 2022 CPT standard and straight cut protocols, see canolaperformancetrials.ca/trial-protocol

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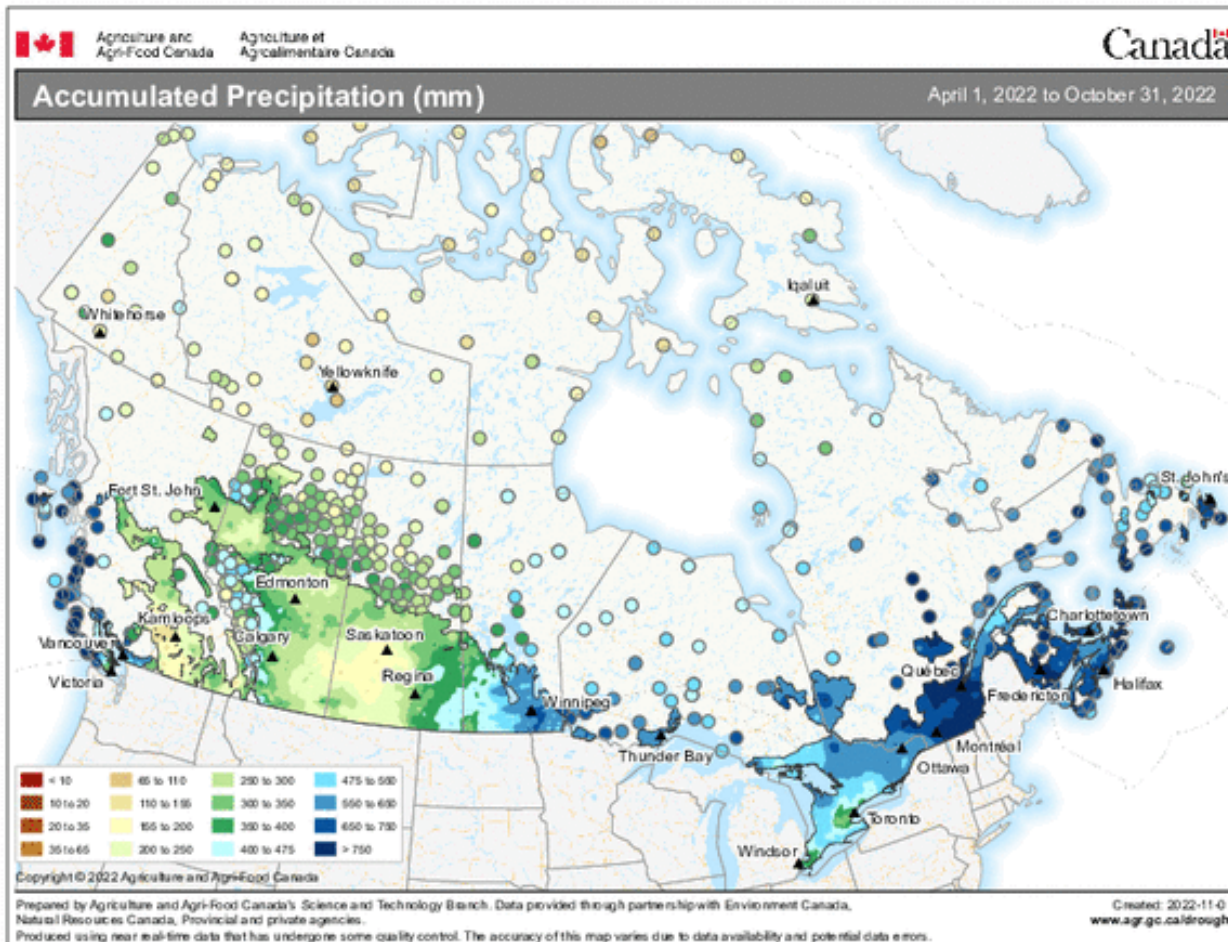
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Introduction

The CPT results in this report are based on 37 standard or swathed trials small plot trials, 40 straight cut small plot trials and 68 straight cut field scale trials across the Prairies. Site distribution is based on seeded acres in Manitoba, Saskatchewan, and Alberta.

The 2022 growing season began with a rocky start as growers contended with rain, snow and flooding which brought about delayed seeding. For more information on accumulated precipitation, refer to the map below or visit Agriculture and Agri-Food Canada's website: <https://www.agr.gc.ca/DW-GS/historical-historiques.aspx?lang=eng&jsEnabled=true>



The small plot system ensures that:

- All varieties are treated with appropriate commercially associated herbicides: LibertyLink[®], Roundup Ready[®], TruFlex[™] and Clearfield^{®*}.
**only in Manitoba.*
- All varieties are treated with appropriate commercially associated seed treatments.
- An independent third-party representative inspects all trials.

The CPT Technical Committee has established protocols and developed research plot designs to ensure the data is representative. Performance objectives were established to provide guidelines on timely field operations and data collection. All sites are inspected to verify these guidelines were followed to allow a fair comparison among the varieties tested.

Trial Design: Randomized Complete Block Design with 4 replications. Herbicide systems were blocked to minimize the potential for off-target drift with the outer-most plots of the replications having at least one guard plot.

The 2022 program was funded by Alberta Canola Producers Commission (Alberta Canola), Saskatchewan Canola Development Commission (SaskCanola) and the Manitoba Canola Growers Association. The 2022 trials were coordinated by Murphy et al Inc. with the direction from the CPT Governance and Technical Committees. The Manitoba Canola Growers Association administered the program with additional support from Alberta Canola, SaskCanola and the Canola Council of Canada.

Commercial canola varieties tested in the 2022 small plot trials had seed provided by BASF, Bayer CropScience, BrettYoung Seeds, CANTERRA SEEDS, Corteva Agriscience™-Brevant[®], Corteva Agriscience™-Pioneer[®], Nutrien Ag Solutions™-Proven Seed[®], and WinField United[®]-CROPLAN[®].

Results are organized by short, medium, and long season zones. CPT uses the Western Canada Canola/Rapeseed Recommending Committee season zones, which are based on typical frost-free days, growing degree days and soil type. See the map on page 7 for reference.

The results tables include yield, days to maturity and lodging scores for each variety. Lodging scores are between 1 and 5, with 1 being no lodging and 5 being completely lodged. It was not required by site cooperators to record height values, so they were not provided.

Gross revenue is the yield multiplied by \$19.67/bu. No basis or other deductions were taken off the futures price.

This report is one of several sources of information to consider in making the best decisions for your farm.

Seed is a major input decision that every grower has to make. In addition to evaluating data from sites near your farm, consider several years of data (at canolaperformancetrials.ca) from small plot and field scale sites grown in a range of agronomic and environmental conditions

across Western Canada to make a well-informed choice. Consider climatic factors, geographic factors, herbicide tolerance systems, disease management, agronomic or special traits and yield potential for your operation when looking at days to maturity, lodging scores, disease tolerance and yield values of the varieties included in this booklet. Use caution when basing hybrid performance off a single site or single-year average yield. Compare varieties over multiple years to better understand performance under different environmental conditions.

For further information on the CPT Program and data from 2011 through 2022, see www.canolaperformancetrials.ca.

Using the Tables

Results are organized by short, medium and long season zones. CPT uses the Western Canada Canola/Rapeseed Recommending Committee (WCC/RRC) season zones, which are based on typical frost-free days, growing degree days and soil type. Grey wooded soils, for example, are in the short season zone. See Table A for specific numbers for each zone and the map for a depiction.

Table A: Season Zones		
Season	Frost Free Days	Growing Degree Days (Base 5°C)*
Short	75–95	1,100–1,450
Medium	95–115	1,450–1,700
Long	115+	1,700+

*On a base 5°C scale, growing degree days only accumulate on days when highs are above 5°C.

Small plot data is presented separately in the following tables. For more detailed performance results, use the online CPT database at canolaperformancetrials.ca.

The tables include yield, days to maturity, and lodging scores for each variety.

Tools to help you make better choices

CV – For coefficient of variation (CV), the lower the CV value, the more reliable the test. For example, if comparing results from two test locations, one with a CV of 4% and the other with a CV of 8%, the test with the CV of 4% can be considered more reliable. There is always variability in research trials. The key is designing and managing experiments, so CVs stay within a reasonable range. For the CPT, experience has shown that CVs below 15% indicate good test reliability.

LSD – The least significant difference (LSD at a 5% level of statistical significance) for each dataset indicates whether differences between varieties are statistically meaningful. Varieties should only be considered different in yield performance if the numerical difference between them is greater than the LSD value.

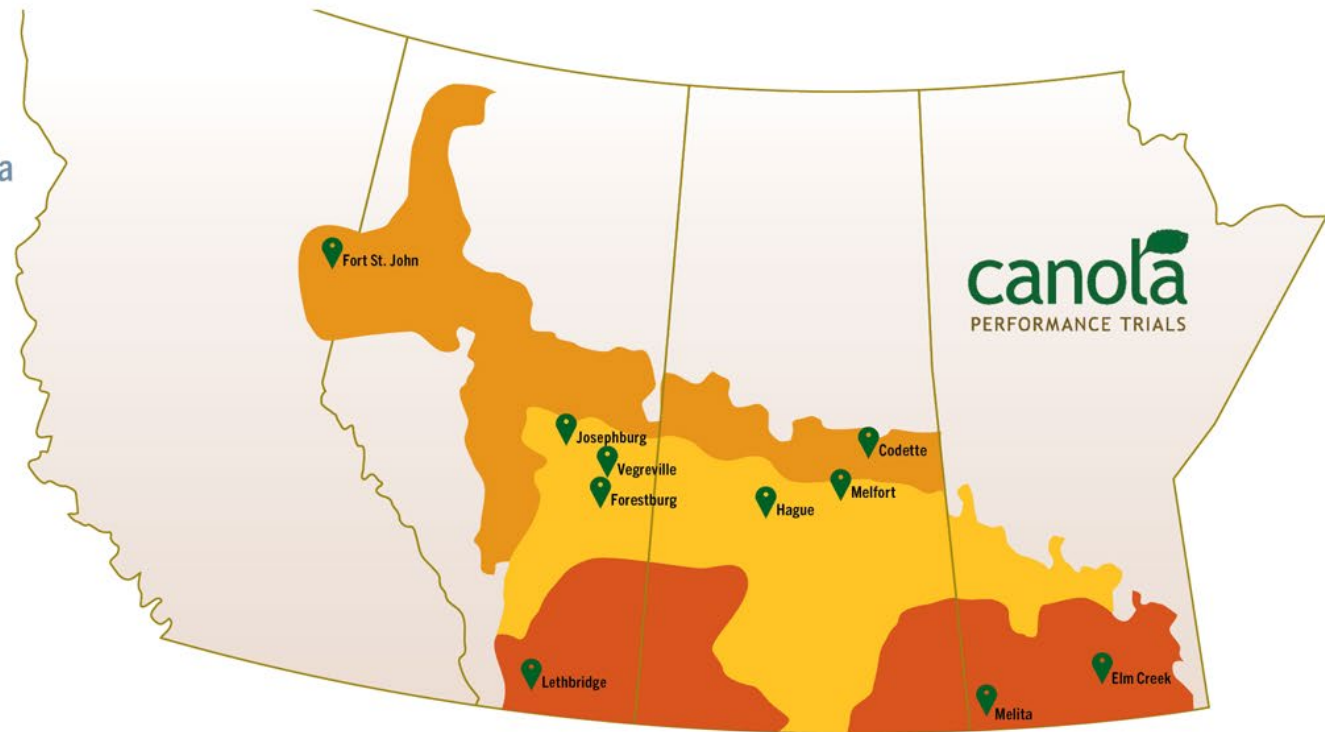
Using the sample table below, if the LSD is 5.0, varieties A and B are not statistically different, B and C are not statistically different, but A and C are statistically different.

Variety	Yield (bu./ac.)
A	52
B	54
C	58
LSD	5.0

Small Plot Locations Throughout Western Canada

Small Plot Locations Throughout Western Canada

-  Long Season Zone
-  Mid Season Zone
-  Short Season Zone



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Season Zone Averages (Standard Trials)

Season Zone Averages (Standard Trials)																							
				Long Season Zone					Mid Season Zone					Short Season Zone					Overall Average				
Distributor	Variety	Pod Shatter Tolerance	Disease Tolerance ¹	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging
LibertyLink																							
BASF	InVigor® L340PC (Check)	YES	BL/CR	53.5	100	7	84	1.9	69.0	100	9	93	1.8	65.9	100	6	97	2.1	63.2	100	22	92	1.9
Corteva AgriScience	Brevant™ B3011	NO	BL/CR	46.6	87	7	84	2.3	57.6	83	9	94	2.1	60.9	93	6	98	2.9	55.0	87	22	92	2.4
Corteva AgriScience	Pioneer® P501L	NO	BL/CR	52.2	98	7	85	2.1	61.0	88	9	93	1.8	62.5	95	6	98	2.4	58.6	93	22	92	2.0
WinField United - CROPLAN	CP21L3C	NO	BL/CR	49.5	93	7	85	1.8	64.8	94	9	93	1.9	64.3	98	6	97	2.3	59.8	95	22	92	1.9
	LSD*			6.5	12	7			6.5	9	9			6.0	9	6			6.3	10			
Roundup																							
Corteva AgriScience	Brevant™ 1028 RR	NO	BL/CR	48.1	94	7	88	2.6	56.2	92	8	95	1.8	57.3	88	5	99	3	53.6	92	20	94	2.4
Corteva AgriScience	Pioneer® 45CM39 (Check)	YES	BL/CR	51.1	100	7	86	2.5	61.2	100	8	93	2.5	64.7	100	5	99	3	58.5	100	20	92	2.6
Corteva AgriScience	Pioneer® 45H42	NO	BL/CR	51.3	100	7	87	2.5	58.3	95	8	94	2.2	67.3	104	5	98	3	58.1	99	20	93	2.5
	LSD*			5.6	11	7			7.9	13	8			6.7	10	5			6.8	12	20		
TruFlex																							
Bayer CropScience	DEKALB® DKTF 98 CR	NO	BL/CR	49.9	94	7	84	3.1	59.0	100	8	92	2.6	61.6	96	4	95	4	56.2	97	19	90	2.9
BrettYoung	BY 6207TF	NO	BL/CR	47.5	90	7	89	1.8	54.9	94	7	97	1.6	58.1	90	4	100	2	52.8	91	18	95	1.7
CANTERRA SEEDS	CS2600 CR-T (Check)	YES	BL/CR	52.9	100	7	84	3.9	58.7	100	8	91	3.2	64.3	100	4	95	4	57.7	100	19	90	3.6
	LSD*			6.5	12	7			8.4	14	8			6.6	10	4			7.3	13	19		
Clearfield²																							
BrettYoung	BY 5125CL (Check)	NO	BL/CR	47.3	100	3	88	2.8	55.1	100	3	94	2.5	n/d	n/d	n/d	n/d	n/d	51.2	100	6	91	2.7
CANTERRA SEEDS	CS2700 CL	NO	BL/CR	49.6	105	3	89	2.8	51.9	94	3	93	1.8	n/d	n/d	n/d	n/d	n/d	50.7	99	6	91	2.3
CANTERRA SEEDS	CS2500 CL	NO	BL/CR	47.2	100	3	86	3.1	58.1	105	3	91	2.3	n/d	n/d	n/d	n/d	n/d	52.7	103	6	89	2.7
Corteva AgriScience	Brevant™ B2030MN	NO	BL/CR	52.6	111	3	88	3.0	57.9	105	3	91	2.4	n/d	n/d	n/d	n/d	n/d	55.3	108	6	90	2.7
Corteva AgriScience	Pioneer® P508MCL	YES	BL	50.7	107	3	86	3.1	65.4	119	3	89	2.7	n/d	n/d	n/d	n/d	n/d	58.0	113	6	88	2.9
Corteva AgriScience	Pioneer® P607CL	NO	BL/CR	53.4	113	3	87	3.0	63.4	115	3	92	2.0	n/d	n/d	n/d	n/d	n/d	58.4	114	6	90	2.5
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	NO	BL/CR	53.0	112	3	87	2.7	66.4	120	3	90	2.4	n/d	n/d	n/d	n/d	n/d	59.7	117	6	88	2.5
	LSD*			7.2	15	3			7.4	13	3								7.3	14	6		

¹ Indicates genetic disease resistance with an "R". BL = Blackleg, CR = Clubroot and improved tolerance to sclerotinia "S", as based on variety descriptions submitted to CFIA

² Clearfield varieties were tested in Manitoba only.

*Zone/overall average LSD is the mean of site LSDs

n/d: no data collected



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials – Long Season Zone

		Long Season Zone																	
		Brunkild, MB						High Bluff, MB						Souris, MB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	62.3	100	\$1,226	86	1.3	n/d	47.3	100	\$930	80	3.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B3011	45.5	73	\$896	88	1.5	n/d	34.8	74	\$684	81	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P501L	57.0	91	\$1,121	87	1.0	n/d	44.5	94	\$876	81	4.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
WinField United - CROPLAN	CP21L3C	51.2	82	\$1,008	87	1.3	n/d	37.3	79	\$734	80	3.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	9.1	15					4.1	9					n/d	n/d				
	CV	10.5						6.2						n/d					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	n/d	n/d	n/d	n/d	n/d	n/d	37.2	96	\$732	81	3.5	n/d	57	127	\$1,123	101	3.8	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	n/d	n/d	n/d	n/d	n/d	n/d	38.8	100	\$764	81	3.8	n/d	45	100	\$886	92	2.8	n/d
Corteva AgriScience	Pioneer® 45H42	n/d	n/d	n/d	n/d	n/d	n/d	41.9	108	\$824	81	3.3	n/d	48	107	\$953	97	4.3	n/d
	LSD*	n/d	n/d					4.9	13					8	18				
	CV	n/d						7.3						9					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	51.3	91	\$1,009	87	n/d	n/d	35.5	108	\$698	79	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BrettYoung	BY 6207TF	48.4	86	\$952	100	n/d	n/d	41.4	126	\$813	84	1.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	56.4	100	\$1,109	87	n/d	n/d	32.9	100	\$648	79	4.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	9.1	16					3.9	12					n/d	n/d				
	CV	10.1						6.2						n/d					
Clearfield																			
BrettYoung	BY 5125CL (Check)	49.7	100	\$978	93	1.5	n/d	34.9	100	\$687	82	4.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	54.0	109	\$1,062	93	1.0	n/d	35.7	102	\$702	81	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	45.5	91	\$894	88	2.0	n/d	34.0	97	\$670	82	4.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	61.5	124	\$1,210	91	1.0	n/d	41.7	119	\$821	83	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	55.6	112	\$1,093	90	1.8	n/d	32.8	94	\$645	80	3.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	57.2	115	\$1,126	91	1.5	n/d	40.7	116	\$800	82	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	57.6	116	\$1,133	90	1.3	n/d	35.9	103	\$707	80	3.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	10.9	22					4.2	12					n/d	n/d				
	CV	13.5						7.8						n/d					

*For individual sites, LSD is approximate in blocks with missing plots - true LSD will vary by comparison

*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

n/d: No data

2022 CPT SMALL PLOT DATA: Standard Trials- Long Season Zone, con't

		Long Season Zone																	
		Morden, MB						Outlook, SK						Swift Current, SK					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	74.9	100	\$1,473	87	2.0	n/d	90.3	100	\$1,776	88	1.0	n/d	32.2	100	\$633	78	n/d	n/d
Corteva AgriScience	Brevant™ B3011	67.8	91	\$1,333	90	3.0	n/d	88.7	98	\$1,745	88	1.3	n/d	29.3	91	\$576	78	n/d	n/d
Corteva AgriScience	Pioneer® P501L	72.5	97	\$1,425	90	3.0	n/d	98.3	109	\$1,934	89	1.0	n/d	31.8	99	\$626	81	n/d	n/d
WinField United - CROPLAN	CP21L3C	71.1	95	\$1,398	89	2.0	n/d	94.2	104	\$1,853	88	1.3	n/d	31.2	97	\$614	82	n/d	n/d
	LSD*	6.5	9					14.7	16					4.4	14				
	CV	5.6						9.9						8.8					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	65.1	93	\$1,280	89	3.5	n/d	87.0	89	\$1,711	89	1.0	n/d	28.6	99	\$563	82	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	69.8	100	\$1,373	89	3.5	n/d	97.3	100	\$1,914	88	1.0	n/d	29.0	100	\$570	80	n/d	n/d
Corteva AgriScience	Pioneer® 45H42	72.0	103	\$1,417	89	2.5	n/d	89.1	92	\$1,752	88	1.3	n/d	29.0	100	\$571	83	n/d	n/d
	LSD*	3.9	6					13.6	14					2.6	9				
	CV	3.3						8.6						5.3					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	59.8	93	\$1,175	88	3.5	n/d	85.7	100	\$1,686	88	n/d	n/d	32.6	99	\$641	76	n/d	n/d
BrettYoung	BY 6207TF	70.1	110	\$1,378	91	2.5	n/d	85.0	99	\$1,672	89	n/d	n/d	26.5	81	\$520	84	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	64.0	100	\$1,258	87	5.0	n/d	85.7	100	\$1,686	88	n/d	n/d	32.8	100	\$646	78	n/d	n/d
	LSD*	6.1	10					12.4	14					2.5	8				
	CV	5.5						8.4						4.7					
Clearfield																			
BrettYoung	BY 5125CL (Check)	57.2	100	\$1,126	90	2.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	59.2	103	\$1,164	92	3.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	62.2	109	\$1,224	89	2.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	54.6	95	\$1,075	90	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	63.7	111	\$1,254	90	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	62.3	109	\$1,226	89	3.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	65.6	115	\$1,290	90	3.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	6.3	11					n/d	n/d					n/d	n/d				
	CV	7.0						n/d						n/d					

*For individual sites, LSD is approximate in blocks with missing plots - true LSD will vary by comparison

*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

n/d: No data

2022 CPT SMALL PLOT DATA: Standard Trials Long Season Zone, con't

		Long Season Zone											
		Coaldale, AB						Lomond, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity ⁺	Lodging ^{**}	Height (Inch)
LibertyLink													
BASF	InVigor® L340PC (Check)	27.7	100	\$545	83	1.5	n/d	39.9	100	\$785	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B3011	23.0	83	\$453	82	1.7	n/d	36.7	92	\$723	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P501L	24.5	88	\$482	82	1.0	n/d	37.1	93	\$730	n/d	n/d	n/d
WinField United - CROPLAN	CP21L3C	24.0	87	\$471	83	1.3	n/d	37.5	94	\$737	n/d	n/d	n/d
	LSD*	5.0	18					2.0	5				
	CV	12.3						3.3					
Roundup													
Corteva AgriScience	Brevant™ 1028 RR	23.6	65	\$464	84	1.3	n/d	38.2	91	\$751	n/d	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	36.2	100	\$712	84	1.3	n/d	41.9	100	\$823	n/d	n/d	n/d
Corteva AgriScience	Pioneer® 45H42	37.8	104	\$744	84	1.3	n/d	40.8	97	\$802	n/d	n/d	n/d
	LSD*	3.7	10					2.2	5				
	CV	6.6						3.2					
TruFlex													
Bayer CropScience	DEKALB® DKTF 98 CR	41.0	83	\$807	88	1.8	n/d	43.8	90	\$861	n/d	n/d	n/d
BrettYoung	BY 6207TF	19.0***	38***	\$373***	89***	1.0***	n/d	42.4	87	\$835	n/d	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	49.3	100	\$970	88	2.5	n/d	48.9	100	\$961	n/d	n/d	n/d
	LSD*	5.6	11					6.0	12				
	CV	8.9						7.7					
Clearfield													
BrettYoung	BY 5125CL (Check)	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	n/d	n/d					n/d	n/d				
	CV	n/d						n/d					

*For individual sites, LSD is approximate in blocks with missing plots - true LSD will vary by comparison

*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

+Days to maturity not reported at this site

n/d: No data

		Mid Season Zone																	
		Dauphin, MB						Hamiota, MB						Swan River, MB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	63.8	100	\$1,256	87	2.8	n/d	72.8	100	\$1,433	99	1.8	n/d	68	100	\$1,338	86	1.3	n/d
Corteva AgriScience	Brevant™ B3011	56.5	89	\$1,112	89	2.5	n/d	58.2	80	\$1,145	101	2.0	n/d	46	68	\$911	84	1.5	n/d
Corteva AgriScience	Pioneer® P501L	63.2	99	\$1,243	86	2.0	n/d	73.8	101	\$1,451	94	1.5	n/d	56	83	\$1,110	85	1.0	n/d
WinField United - CROPLAN	CP21L3C	63.6	100	\$1,251	85	2.0	n/d	75.5	104	\$1,484	96	2.0	n/d	56	83	\$1,106	86	1.5	n/d
	LSD*	4.4	7					5.7	8					8	11				
	CV	4.4						5.1						8					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	47.4	83	\$933	91	2.5	n/d	59.7	84	\$1,175	100	1.5	n/d	61	99	\$1,196	88	1.0	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	57.2	100	\$1,126	86	2.8	n/d	71.0	100	\$1,397	95	2.0	n/d	61	100	\$1,202	84	1.8	n/d
Corteva AgriScience	Pioneer® 45H42	53.4	93	\$1,051	87	2.0	n/d	68.1	96	\$1,340	95	1.5	n/d	58	96	\$1,149	83	2.3	n/d
	LSD*	8.7	15					4.1	6					5	9				
	CV	9.6						3.6						5					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	41.8	106	\$823	85	3.0	n/d	74.6	112	\$1,468	96	2.5	n/d	55	92	\$1,088	83	2.8	n/d
BrettYoung	BY 6207TF	32.8	83	\$645	92	2.0	n/d	58.5	88	\$1,151	107	1.7	n/d	47	78	\$925	88	1.3	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	39.3	100	\$773	84	3.5	n/d	66.6	100	\$1,309	95	2.5	n/d	60	100	\$1,188	83	3.8	n/d
	LSD*	3.6	9					9.5	14					9	16				
	CV	5.4						7.7						10					
Clearfield																			
BrettYoung	BY 5125CL (Check)	47.1	100	\$927	92	3.0	n/d	58.3	100	\$1,147	103	2.0	n/d	59.9	100	\$1,179	87	2.5	n/d
CANTERRA SEEDS	CS2700 CL	38.6	82	\$760	94	2.0	n/d	57.5	99	\$1,131	101	1.8	n/d	59.5	99	\$1,170	85	1.5	n/d
CANTERRA SEEDS	CS2500 CL	60.0	127	\$1,181	89	2.5	n/d	53.7	92	\$1,055	101	2.3	n/d	60.6	101	\$1,192	84	2.3	n/d
Corteva AgriScience	Brevant™ B2030MN	45.4	96	\$894	90	2.3	n/d	65.0	111	\$1,278	97	2.0	n/d	63.4	106	\$1,246	87	3.0	n/d
Corteva AgriScience	Pioneer® P508MCL	64.9	138	\$1,277	89	2.8	n/d	70.8	122	\$1,393	95	2.5	n/d	60.4	101	\$1,188	83	2.8	n/d
Corteva AgriScience	Pioneer® P607CL	55.2	117	\$1,087	91	2.5	n/d	69.1	119	\$1,359	100	1.5	n/d	66.0	110	\$1,298	84	2.0	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	66.6	141	\$1,311	91	2.5	n/d	69.0	118	\$1,356	96	1.5	n/d	63.6	106	\$1,250	83	3.3	n/d
	LSD*	8.7	19					8.9	15					4.6	8				
	CV	10.9						9.4						5.0					

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**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

n/d: No data

2022 CPT SMALL PLOT DATA: Standard Trials Mid Season Zone, con't

		Mid Season Zone																	
		Kamsack, SK						North Battleford, SK						St. Brieux, SK					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	62.2	100	\$1,224	87	1.5	n/d	38.6	100	\$759	90	n/d	n/d	84	100	\$1,654	96	1.3	n/d
Corteva AgriScience	Brevant™ B3011	48.2	77	\$948	89	3.0	n/d	34.0	88	\$670	91	n/d	n/d	70	84	\$1,383	97	1.0	n/d
Corteva AgriScience	Pioneer® P501L	49.3	79	\$969	89	2.8	n/d	35.3	91	\$694	93	n/d	n/d	67	80	\$1,326	96	1.3	n/d
WinField United - CROPLAN	CP21L3C	50.6	81	\$995	90	2.8	n/d	34.0	88	\$669	93	n/d	n/d	81	96	\$1,593	96	1.0	n/d
	LSD*	4.6	7					6.3	16					7	8				
	CV	5.5						11.1						5					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	49.3	100	\$970	90	2.0	n/d	29.8	97	\$587	94	n/d	n/d	58	79	\$1,149	99	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	49.2	100	\$968	89	3.5	n/d	30.8	100	\$606	93	n/d	n/d	74	100	\$1,458	99	n/d	n/d
Corteva AgriScience	Pioneer® 45H42	48.3	98	\$951	91	3.0	n/d	40.9	133	\$805	94	n/d	n/d	64	86	\$1,257	100	n/d	n/d
	LSD*	5.8	12					3.4	11					15	21				
	CV	6.9						5.8						13					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	56.8	109	\$1,117	88	2.3	n/d	38.0	100	\$748	93	n/d	n/d	66	92	\$1,306	97	n/d	n/d
BrettYoung	BY 6207TF	n/d***	n/d***	n/d***	n/d***	n/d***	n/d	38.2	100	\$751	96	n/d	n/d	69	96	\$1,367	100	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	52.3	100	\$1,028	89	3.0	n/d	38.1	100	\$750	94	n/d	n/d	72	100	\$1,423	96	n/d	n/d
	LSD*	6.3	12					6.1	16					14	19				
	CV	8.2						9.3						12					
Clearfield																			
BrettYoung	BY 5125CL (Check)	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	n/d	n/d					n/d	n/d					n/d	n/d				
	CV	n/d						n/d						n/d					

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*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

n/d: No data

2022 CPT SMALL PLOT DATA: Standard Trials Mid Season Zone, con't

		Mid Season Zone																	
		Fort Saskatchewan, AB							Killiam, AB						Vegreville, AB				
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	86.2	100	\$1,696	100	n/d	n/d	74.7	100	\$1,470	99	2.0	n/d	71	100	\$1,394	96	n/d	n/d
Corteva AgriScience	Brevant™ B3011	80.1	93	\$1,576	100	n/d	n/d	52.4	70	\$1,031	100	2.8	n/d	72	102	\$1,420	93	n/d	n/d
Corteva AgriScience	Pioneer® P501L	78.8	91	\$1,551	100	n/d	n/d	50.3	67	\$989	97	2.3	n/d	75	105	\$1,466	94	n/d	n/d
WinField United - CROPLAN	CP21L3C	86.3	100	\$1,697	100	n/d	n/d	64.4	86	\$1,266	99	2.0	n/d	71	101	\$1,405	96	n/d	n/d
	LSD*	6.4	7					9.2	12					7	10				
	CV	4.9						9.0						6					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	86.5	97	\$1,701	102	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	58	102	\$1,136	96	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	89.2	100	\$1,755	103	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	57	100	\$1,112	95	n/d	n/d
Corteva AgriScience	Pioneer® 45H42	82.3	92	\$1,619	102	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	51	90	\$1,000	97	n/d	n/d
	LSD*	10.0	11					n/d	n/d					10	18				
	CV	6.7						n/d						11					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	72.0	95	\$1,416	99	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	67	102	\$1,311	93	n/d	n/d
BrettYoung	BY 6207TF	83.0	110	\$1,633	102	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	55	85	\$1,090	96	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	75.4	100	\$1,483	100	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	65	100	\$1,287	92	n/d	n/d
	LSD*	7.0	9					n/d	n/d					11	17				
	CV	5.3						n/d						10					
Clearfield																			
BrettYoung	BY 5125CL (Check)	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	n/d	n/d					n/d	n/d					n/d	n/d				
	CV	n/d						n/d						n/d					

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**No lodging differential reported at this site

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n/d: No data

		Short Season Zone																	
		Codette, SK						Tisdale, SK						Falher, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	73.3	100	\$1,442	93	n/d	n/d	59.1	100	\$1,163	87	2.3	n/d	50	100	\$975	98	1.5	n/d
Corteva AgriScience	Brevant™ B3011	61.6	84	\$1,211	91	n/d	n/d	55.4	94	\$1,091	87	3.8	n/d	50	101	\$987	98	2.5	n/d
Corteva AgriScience	Pioneer® P501L	70.8	97	\$1,392	91	n/d	n/d	57.1	97	\$1,124	86	3.5	n/d	56	113	\$1,103	98	1.5	n/d
WinField United - CROPLAN	CP21L3C	66.5	91	\$1,309	92	n/d	n/d	57.8	98	\$1,137	87	3.3	n/d	51	103	\$1,007	98	1.8	n/d
	LSD*	4.6	6					2.0	3					6	13				
	CV	4.1						2.2						8					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	64.2	93	\$1,263	92	n/d	n/d	51.2	93	\$1,008	89	3.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	68.8	100	\$1,353	92	n/d	n/d	55.1	100	\$1,084	90	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® 45H42	64.9	94	\$1,277	92	n/d	n/d	57.7	105	\$1,135	89	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	3.6	5					2.9	5					n/d	n/d				
	CV	3.1						3.0						n/d					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	68.7	99	\$1,352	91	n/d	n/d	48.6	93	\$956	87	3.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BrettYoung	BY 6207TF	69.8	100	\$1,372	95	n/d	n/d	55.6	106	\$1,094	93	2.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	69.6	100	\$1,369	91	n/d	n/d	52.5	100	\$1,032	87	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	5.1	7					4.2	8					n/d	n/d				
	CV	4.3						4.6						n/d					
Clearfield																			
BrettYoung	BY 5125CL (Check)	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	n/d	n/d					n/d	n/d					n/d	n/d				
	CV	n/d						n/d						n/d					

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**No lodging differential reported at this site

n/d: No data

2022 CPT SMALL PLOT DATA: Standard Trials Short Season Zone, con't

		Short Season Zone																	
		Lacombe, AB						Warburg, AB						Westlock, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	87.9	100	\$1,730	107	2.5	n/d	50.9	100	\$1,001	106	n/d	n/d	74.4	100	\$1,463	93	n/d	n/d
Corteva AgriScience	Brevant™ B3011	76.7	87	\$1,509	108	2.5	n/d	59.6	117	\$1,171	104	n/d	n/d	62.2	84	\$1,223	97	n/d	n/d
Corteva AgriScience	Pioneer® P501L	72.1	82	\$1,418	108	2.3	n/d	53.4	105	\$1,051	104	n/d	n/d	65.8	89	\$1,295	102	n/d	n/d
WinField United - CROPLAN	CP21L3C	79.2	90	\$1,559	106	2.0	n/d	60.7	119	\$1,194	105	n/d	n/d	70.2	94	\$1,381	97	n/d	n/d
	LSD*	10.1	12					5.6	11					7.2	10				
	CV	8.0						6.3						6.6					
Roundup																			
Corteva AgriScience	Brevant™ 1028 RR	67.8	94	\$1,334	110	2.5	n/d	50.4	84	\$991	106	n/d	n/d	52.7	78	\$1,036	97	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	72.3	100	\$1,422	108	2.5	n/d	59.7	100	\$1,174	105	n/d	n/d	67.8	100	\$1,334	101	n/d	n/d
Corteva AgriScience	Pioneer® 45H42	82.4	114	\$1,621	106	2.3	n/d	59.6	100	\$1,172	104	n/d	n/d	71.7	106	\$1,410	98	n/d	n/d
	LSD*	8.3	11					7.1	12					11.6	17				
	CV	6.5						7.3						10.4					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 98 CR	n/d	n/d	n/d	n/d	n/d	n/d	55.6	96	\$1,093	104	n/d	n/d	73.6	95	\$1,447	96	n/d	n/d
BrettYoung	BY 6207TF	n/d	n/d	n/d	n/d	n/d	n/d	52.2	90	\$1,026	108	n/d	n/d	55.0	71	\$1,082	103	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	n/d	n/d	n/d	n/d	n/d	n/d	57.8	100	\$1,137	104	n/d	n/d	77.2	100	\$1,518	97	n/d	n/d
	LSD*	n/d	n/d					6.1	11					11.1	14				
	CV	n/d						6.4						9.4					
Clearfield																			
BrettYoung	BY 5125CL (Check)	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2700 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2500 CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Brevant™ B2030MN	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P508MCL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P607CL	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 280 CLC	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	n/d	n/d					n/d	n/d					n/d	n/d				
	CV	n/d						n/d						n/d					

*For individual sites, LSD is approximate in blocks with missing plots - true LSD will vary by comparison

*Zone average LSD is the mean of site LSDs

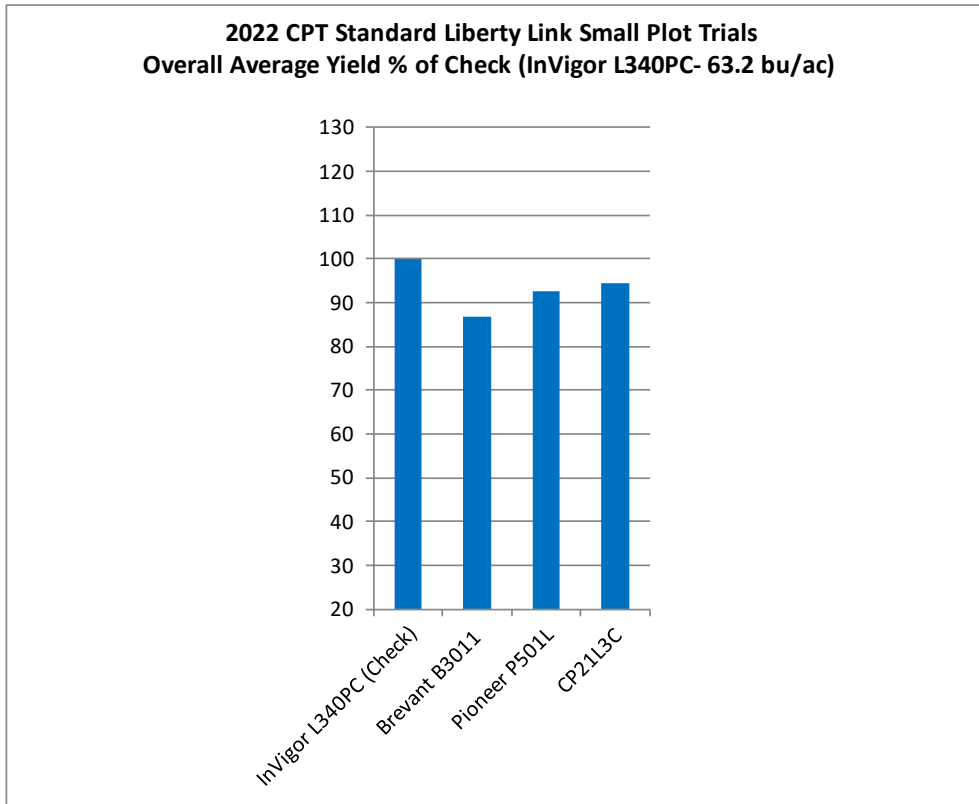
**No lodging differential reported at this site

n/d: No data



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Overall Averages- Liberty Link

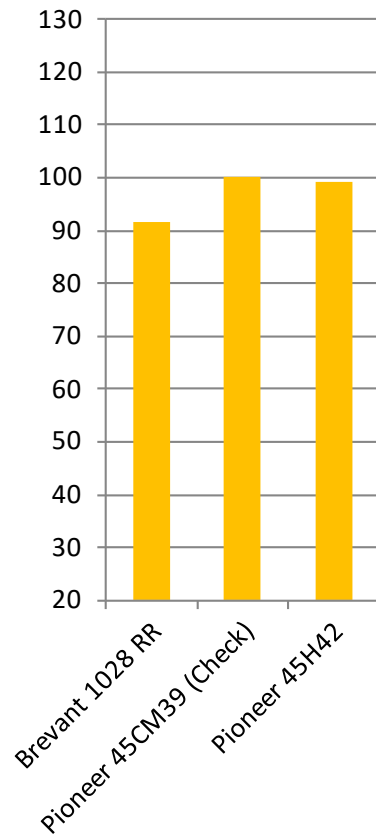


Variety	Overall Average Yield % of Check
InVigor® L340PC (Check)	100.0
Brevant™ B3011	87.0
Pioneer® P501L	92.7
CP21L3C	94.5

LibertyLink®
Roundup Ready®
TruFlex™
Clearfield®

Overall Averages - Roundup

2022 CPT Standard Roundup Small Plot Trials
Overall Average Yield % of Check (Pioneer 45CM39- 58.5 bu/ac)



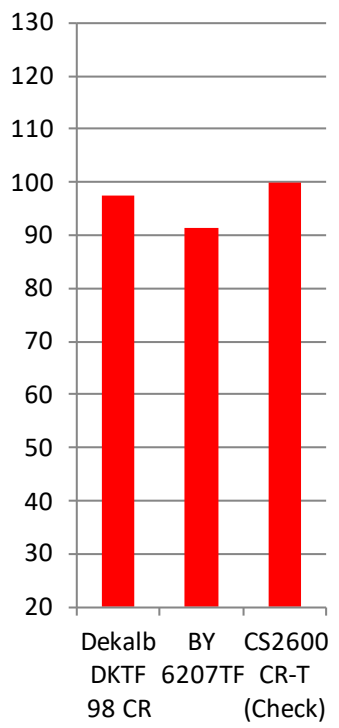
Variety	Overall Average Yield % of Check
Brevant™ 1028 RR	91.6
Pioneer® 45CM39 (Check)	100.0
Pioneer® 45H42	99.2



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Overall Averages- Truflex

2022 CPT Standard Truflex Small Plot Trials
Overall Average Yield % of Check (CS2600 CRT - 57.7 bu/ac)



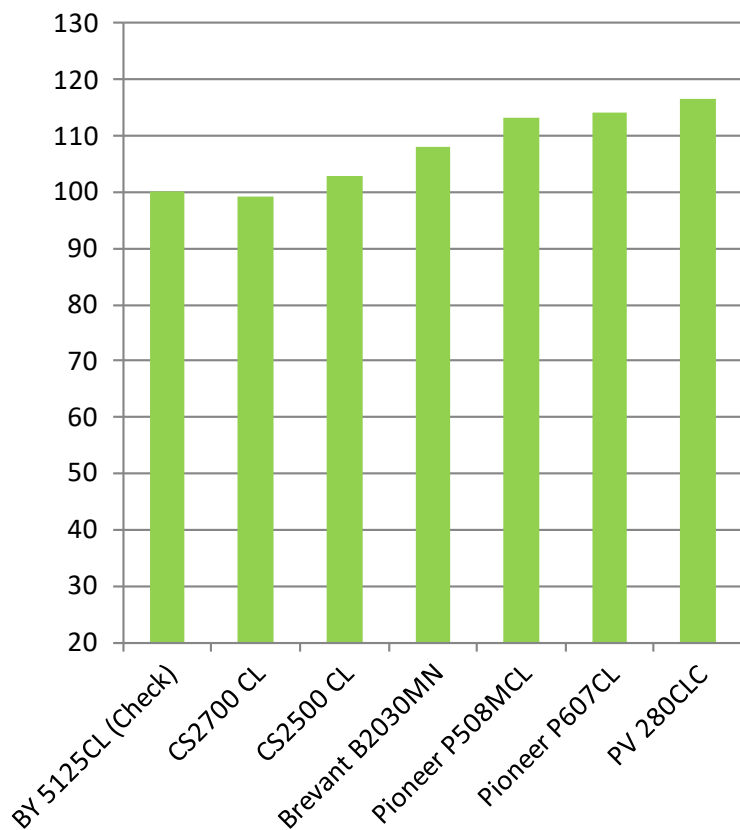
Variety	Overall Average Yield % of Check
DEKALB® DKTF 98 CR	97.3
BY 6207TF	91.4
CS2600 CR-T (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Overall Averages - Clearfield

2022 CPT Standard Clearfield Small Plot Trials
Overall Average Yield % of Check (BY 5125CL- 51.2 bu/ac)



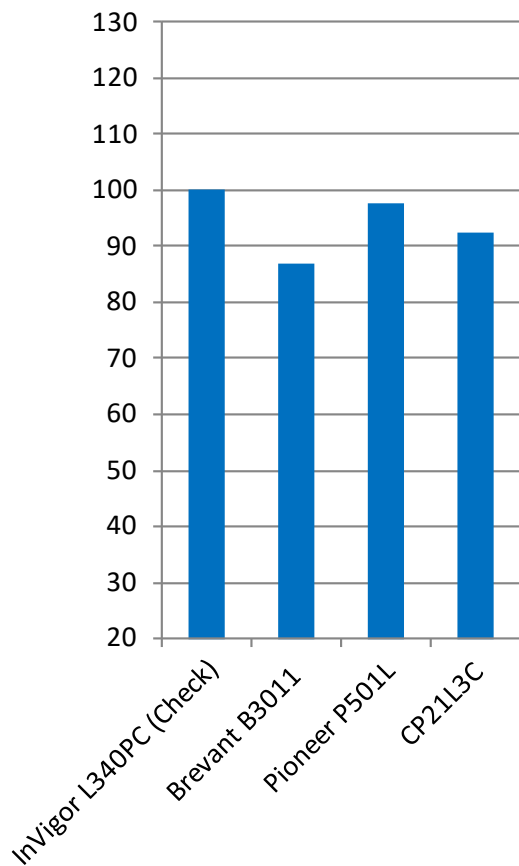
Variety	Overall Average Yield % of Check
BY 5125CL (Check)	100.0
CS2700 CL	99.1
CS2500 CL	102.9
Brevant™ B2030MN	108.0
Pioneer® P508MCL	113.3
Pioneer® P607CL	114.1
PV 280 CLC	116.6



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Long Season Zone Averages- Liberty Link

2022 CPT Standard Liberty Link Small Plot Trials
LSZ Average Yield % of Check (InVigor L340PC- 53.5 bu/ac)



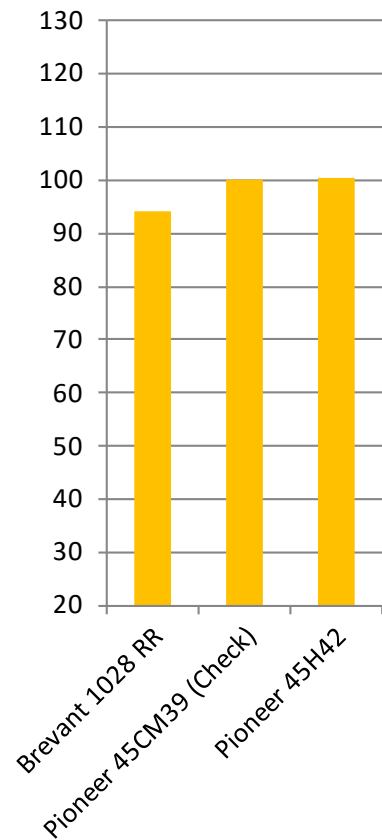
Variety	LSZ Average Yield % of Check
InVigor® L340PC (Check)	100.0
Brevant™ B3011	87.0
Pioneer® P501L	97.7
CP21L3C	92.5



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Long Season Zone Averages- Roundup

2022 CPT Standard Roundup Small Plot Trials
LSZ Average Yield % of Check (Pioneer 45CM39- 51.1 bu/ac)



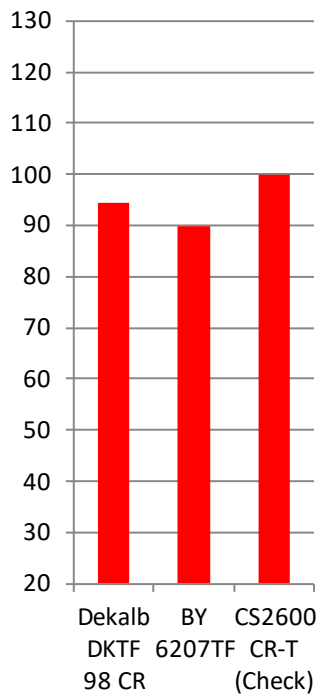
Variety	LSZ Average Yield % of Check
Brevant™ 1028 RR	94.0
Pioneer® 45CM39 (Check)	100.0
Pioneer® 45H42	100.3



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Long Season Zone Averages- Truflex

2022 CPT Standard Truflex Small Plot Trials
LSZ Average Yield % of Check (CS2600 CRT - 52.9 bu/ac)



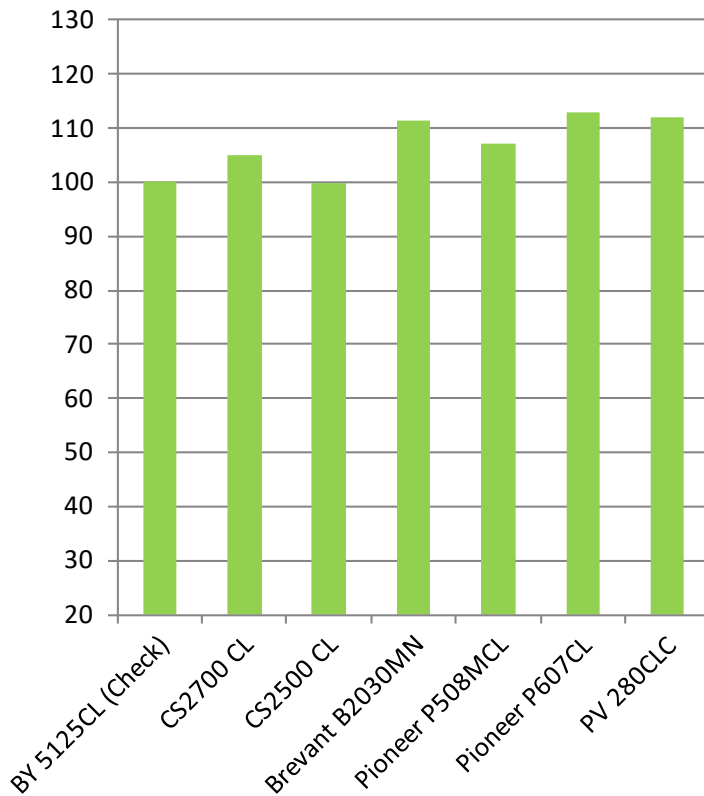
Variety	LSZ Average Yield % of Check
DEKALB® DKTF 98 CR	94.5
BY 6207TF	89.9
CS2600 CR-T (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Long Season Zone Averages- Clearfield

2022 CPT Standard Clearfield Small Plot Trials
 LSZ Average Yield % of Check (BY 5125CL- 47.3 bu/ac)



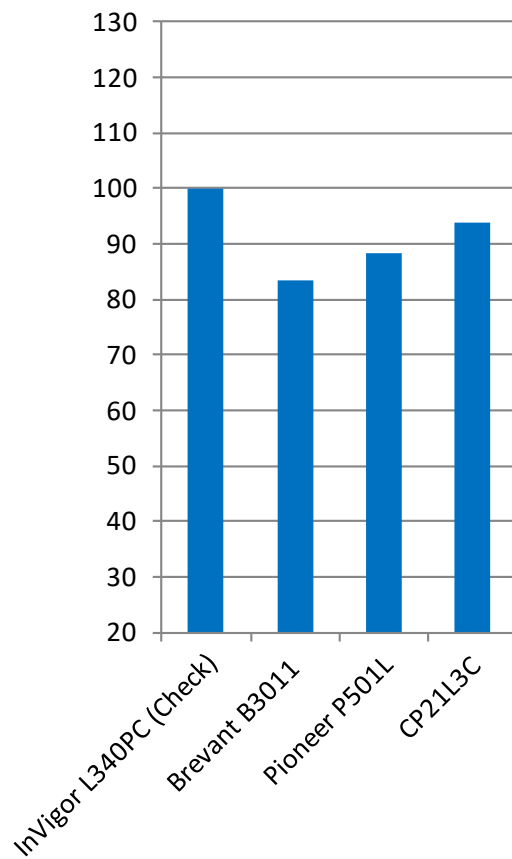
Variety	LSZ Average Yield % of Check
BY 5125CL (Check)	100.0
CS2700 CL	104.9
CS2500 CL	99.9
Brevant™ B2030MN	111.3
Pioneer® P508MCL	107.2
Pioneer® P607CL	112.9
PV 280 CLC	112.1



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Mid Season Zone Averages- Liberty Link

2022 CPT Standard Liberty Link Small Plot Trials
MSZ Average Yield % of Check (InVigor L340PC- 69.0 bu/ac)



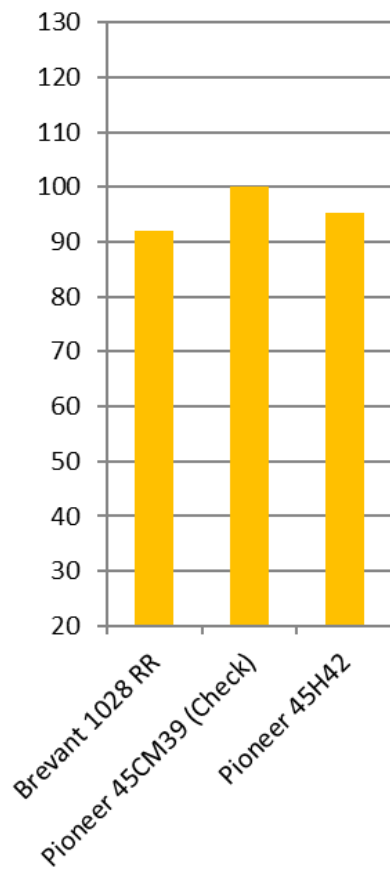
Variety	MSZ Average Yield % of Check
InVigor® L340PC (Check)	100.0
Brevant™ B3011	83.4
Pioneer® P501L	88.4
CP21L3C	93.8



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Mid Season Zone Averages- Roundup

2022 CPT Standard Roundup Small Plot Trials
MSZ Average Yield % of Check (Pioneer 45CM39 - 61.2 bu/ac)



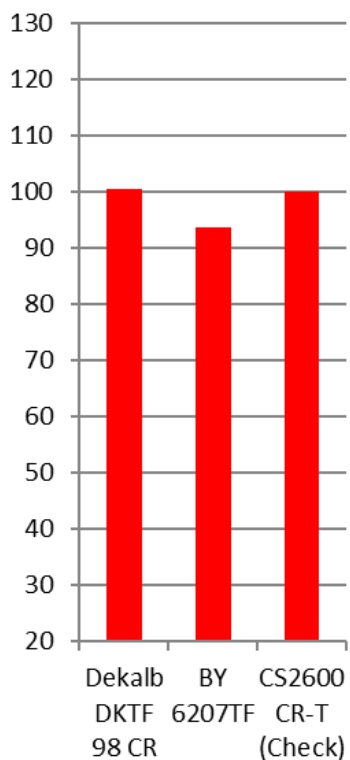
Variety	MSZ Average Yield % of Check
Brevant™ 1028 RR	91.9
Pioneer® 45CM39 (Check)	100.0
Pioneer® 45H42	95.3



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Mid Season Zone Averages- Truflex

2022 CPT Standard Truflex Small Plot Trials
MSZ Average Yield % of Check (CS2600 CR-T - 58.7 bu/ac)



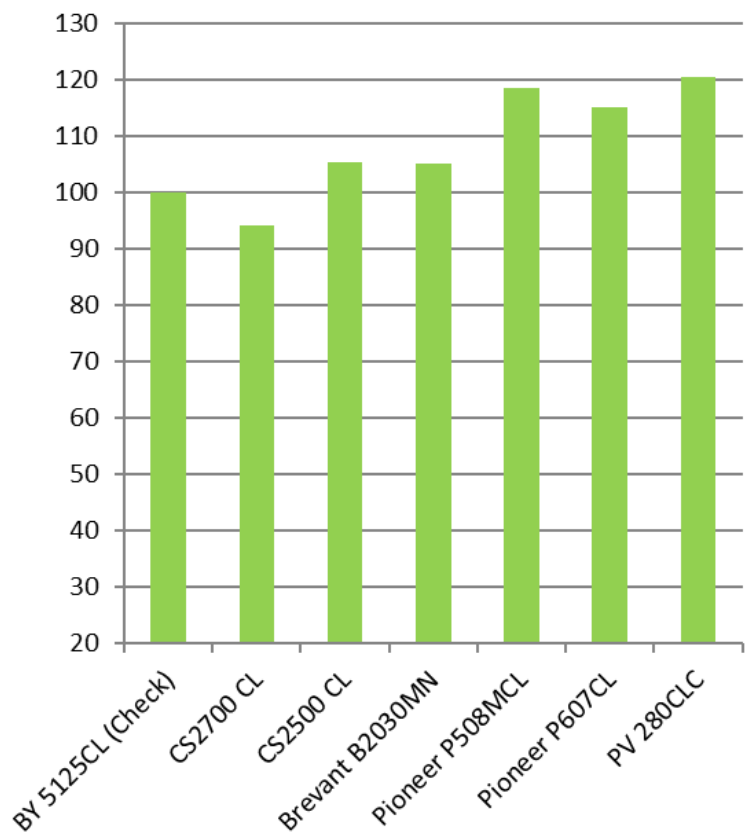
Variety	MSZ Average Yield % of Check
DEKALB® DKTf 98 CR	100.4
BY 6207TF	93.5
CS2600 CR-T (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Mid Season Zone Averages- Clearfield

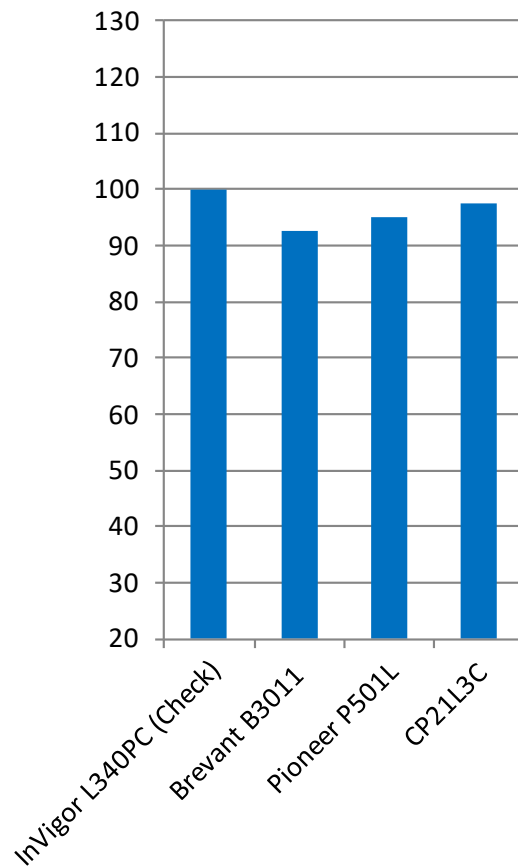
2022 CPT Standard Clearfield Small Plot Trials
MSZ Average Yield % of Check (BY 5125CL - 55.1 bu/ac)



Variety	MSZ Average Yield % of Check
BY 5125CL (Check)	100.0
CS2700 CL	94.1
CS2500 CL	105.4
Brevant™ B2030MN	105.1
Pioneer® P508MCL	118.6
Pioneer® P607CL	115.1
PV 280 CLC	120.5

Short Season Zone Averages- Liberty Link

2022 CPT Standard Liberty Link Small Plot Trials
SSZ Average Yield % of Check (InVigor L340PC- 65.9 bu/ac)



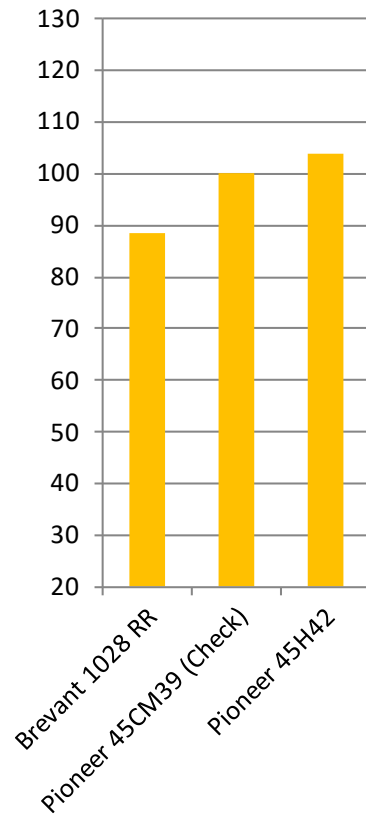
Variety	SSZ Average Yield % of Check
InVigor® L340PC (Check)	100.0
Brevant™ B3011	92.5
Pioneer® P501L	95.0
CP21L3C	97.6



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Short Season Zone Averages- Roundup

2022 CPT Standard Roundup Small Plot Trials
SSZ Average Yield % of Check (Pioneer 45CM39- 64.7 bu/ac)



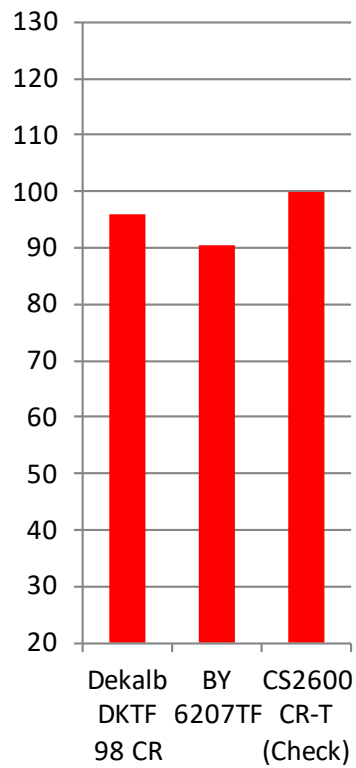
Variety	SSZ Average Yield % of Check
Brevant™ 1028 RR	88.5
Pioneer® 45CM39 (Check)	100.0
Pioneer® 45H42	103.9



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Standard Trials

Short Season Zone Averages- Truflex

2022 CPT Standard Truflex Small Plot Trials
SSZ Average Yield % of Check (CS2600 CR-T - 64.3 bu/ac)



Variety	SSZ Average Yield % of Check
DEKALB® DKTF 98 CR	95.9
BY 6207TF	90.5
CS2600 CR-T (Check)	100.0

Season Zone Averages (Straight Cut Trials)																							
Distributor	Variety	Pod Shatter Tolerance	Disease Tolerance ¹	Long Season Zone					Mid Season Zone					Short Season Zone					Overall Average				
				Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging	Yield (bu/ac)	Yield (% Check)	No. Loc	Days to maturity	Lodging
LibertyLink																							
BASF	InVigor® L340PC (Check)	YES	BL/CR	58.4	100	8	88	2.1	69.9	100	10	94	1.9	67.4	100	6	99	2.4	65.5	100	24	94	2.1
BASF	InVigor® L345PC	YES	BL/CR	59.4	102	8	88	2.6	70.2	100	10	95	2.4	69.0	102	6	99	2.9	66.3	101	24	94	2.6
BASF	InVigor® L356PC	YES	BL/CR	57.1	98	8	88	2.1	70.9	101	10	95	1.9	68.5	102	6	99	2.8	65.7	100	24	94	2.2
BASF	InVigor® L343PC	YES	BL/CR	55.4	95	8	88	2.3	69.1	99	10	95	2.0	66.4	99	6	99	2.8	63.9	98	24	94	2.3
Bayer CropScience	DEKALB® DKLL 82 SC	YES	BL	51.7	89	8	88	1.9	60.5	86	10	95	2.3	58.0	86	6	99	3.1	56.9	87	24	94	2.3
Bayer CropScience	DEKALB® DKTFL 21 SC	YES	BL	51.4	88	8	87	2.4	62.4	89	10	94	2.7	56.0	83	6	99	3.5	57.2	87	24	93	2.7
CANTERRA SEEDS	CS4000 LL	YES	BL/CR	55.4	95	8	87	2.5	65.6	94	10	94	2.7	64.4	96	6	99	3.3	61.9	95	24	93	2.7
Corteva AgriScience	Pioneer® B3010M	YES	BL/CR	50.0	86	8	89	2.2	60.3	86	10	95	2.0	60.3	89	6	100	2.7	56.9	87	24	94	2.2
Corteva AgriScience	Pioneer® P506ML	YES	BL/CR	54.3	93	8	88	2.4	62.1	89	10	94	2.3	63.6	94	6	99	3.3	59.9	91	24	93	2.6
Corteva AgriScience	Pioneer® P505MSL	YES	BL/CR/S	56.2	96	8	89	2.5	64.5	92	10	96	2.3	66.3	98	6	100	3.0	62.2	95	24	95	2.5
	LSD*			7.5	13	8			6.1	9	10			5.7	9	6			6.5	10	24		
Roundup																							
Corteva AgriScience	Brevant™ D3158CM	YES	BL/CR	55.8	96	8	87	2.6	60.5	98	10	95	2.6	64.0	100	5	98	3.3	59.6	98	23	93	2.7
Corteva AgriScience	Pioneer® 45CM39 (Check)	YES	BL/CR	57.8	100	8	87	2.9	61.5	100	10	96	2.9	64.1	100	5	100	3.4	60.8	100	23	94	2.9
	LSD*			7.2	12	8			6.3	10	10			7.1	11	5			6.8	11	23		
TruFlex																							
Bayer CropScience	DEKALB® DKTF 99 SC	YES	BL	55.1	101	7	86	3.3	64.7	102	10	95	2.4	66.0	98	5	98	3.3	61.9	101	22	93	2.8
Bayer CropScience	DEKALB® DKTF 97 CRSC	YES	BL/CR	51.7	95	7	85	2.7	60.9	96	10	95	2.3	68.4	102	5	97	3.5	59.7	97	22	93	2.6
BrettYoung Seeds	BY 6211TF	YES	BL	53.1	97	7	86	2.8	61.6	97	10	96	2.3	67.5	101	5	99	3.5	60.2	98	22	94	2.6
CANTERRA SEEDS	CS2600 CR-T (Check)	YES	BL/CR	54.6	100	7	85	3.3	63.2	100	10	94	2.8	67.1	100	5	97	3.5	61.4	100	22	92	3.1
CANTERRA SEEDS	CS3100 TF	YES	BL/CR	43.7	80	7	89	2.6	59.8	94	9	99	1.6	68.6	102	5	101	2.5	56.5	92	21	96	2.1
CANTERRA SEEDS	CS3000 TF	YES	BL/CR	55.0	101	7	86	2.9	65.1	103	10	95	2.5	68.7	102	5	98	2.9	62.7	102	22	93	2.7
Nutrien Ag Solutions - Proven Seed	PV 761 TM	YES	BL	52.4	96	7	87	2.8	61.9	98	10	97	1.9	61.1	91	5	100	3.0	58.7	96	22	95	2.3
WinField United-CROPLAN	CP21T3P	YES	BL	52.1	95	7	87	3.1	61.3	97	10	97	2.2	62.0	92	5	99	3.5	58.5	95	22	95	2.7
	LSD*			4.8	9	7			6.5	10	10			7.1	11	5			6.1	10	22		

1 Indicates genetic disease resistance with an "R". BL = Blackleg, CR = Clubroot and improved tolerance to sclerotinia "S", as based on variety descriptions submitted to CFIA

*Zone/overall average LSD is the mean of site LSDs

n/d: no data collected

2022 CPT SMALL PLOT DATA: Straight Cut Trials Long Season Zone

		Long Season Zone																	
		Brunkild, MB						High Bluff, MB						Souris, MB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	64.1	100	\$1,260	93	1.0	n/d	50.0	100	\$984	82	3.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BASF	InVigor® L345PC	58.3	91	\$1,147	95	1.8	n/d	54.8	110	\$1,078	83	4.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BASF	InVigor® L356PC	64.3	100	\$1,265	95	1.0	n/d	51.5	103	\$1,013	84	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BASF	InVigor® L343PC	52.5	82	\$1,032	94	1.8	n/d	51.1	102	\$1,006	83	3.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	57.8	90	\$1,138	93	1.3	n/d	46.9	94	\$923	83	3.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKTFL 21 SC	60.3	94	\$1,187	92	2.0	n/d	44.0	88	\$866	81	4.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS4000 LL	68.5	107	\$1,348	92	1.5	n/d	43.4	87	\$854	79	5.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® B3010M	52.5	82	\$1,032	94	1.0	n/d	48.5	97	\$954	83	4.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P506ML	67.1	105	\$1,321	92	1.0	n/d	47.2	94	\$929	82	4.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P505MSL	75.0	117	\$1,475	94	1.0	n/d	45.5	91	\$895	83	4.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	7.7	12					4.8	10					n/d	n/d				
	CV	8.6						6.9						n/d					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	n/d	n/d	n/d	n/d	n/d	n/d	41.4	100	\$815	81	5.0	n/d	58.6	90	\$1,152	96	3.5	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	n/d	n/d	n/d	n/d	n/d	n/d	41.3	100	\$812	81	5.0	n/d	65.3	100	\$1,284	93	3.5	n/d
	LSD*	n/d	n/d	n/d	n/d	n/d	n/d	5.6	14					7.3	11				
	CV	n/d						6.0						5.2					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	n/d	n/d	n/d	n/d	n/d	n/d	48.8	117	\$959	82	5.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	n/d	n/d	n/d	n/d	n/d	n/d	43.7	105	\$859	82	5.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BrettYoung Seeds	BY 6211TF	n/d	n/d	n/d	n/d	n/d	n/d	48.1	116	\$946	82	5.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	n/d	n/d	n/d	n/d	n/d	n/d	41.5	100	\$816	80	5.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS3100 TF	n/d	n/d	n/d	n/d	n/d	n/d	29.0	70	\$570	82	3.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS3000 TF	n/d	n/d	n/d	n/d	n/d	n/d	49.1	118	\$966	82	4.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	n/d	n/d	n/d	n/d	n/d	n/d	46.9	113	\$922	83	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
WinField United-CROPLAN	CP21T3P	n/d	n/d	n/d	n/d	n/d	n/d	44.9	108	\$884	82	4.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	n/d	n/d					3.3	8					n/d	n/d				
	CV	n/d						5.0						n/d					

*For individual sites, LSD is approximate in blocks with missing plots - true LSD will vary by comparison

*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

+Days to maturity not reported at this site

n/d: No data



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials Long Season Zone, con't

		Long Season Zone																	
		Morden, MB						Outlook, SK						Redvers, SK					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	84.2	100	\$1,656	89	2.5	n/d	88.0	100	\$1,731	87	1.3	n/d	63.7	100	\$1,252	96	2.8	n/d
BASF	InVigor® L345PC	79.2	94	\$1,559	89	3.5	n/d	93.1	106	\$1,832	87	1.0	n/d	63.4	100	\$1,246	97	3.1	n/d
BASF	InVigor® L356PC	80.5	96	\$1,584	88	2.0	n/d	82.0	93	\$1,612	88	1.0	n/d	61.2	96	\$1,205	96	3.0	n/d
BASF	InVigor® L343PC	77.9	92	\$1,532	88	3.0	n/d	80.8	92	\$1,590	87	1.0	n/d	59.3	93	\$1,166	97	3.0	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	64.3	76	\$1,265	89	1.5	n/d	80.8	92	\$1,589	88	1.0	n/d	57.6	91	\$1,134	96	3.1	n/d
Bayer CropScience	DEKALB® DKTFLL 21 SC	64.1	76	\$1,260	89	3.0	n/d	81.4	93	\$1,602	87	1.0	n/d	59.2	93	\$1,164	96	2.9	n/d
CANTERRA SEEDS	CS4000 LL	78.2	93	\$1,538	89	3.0	n/d	74.1	84	\$1,458	87	1.0	n/d	60.7	95	\$1,194	96	2.4	n/d
Corteva AgriScience	Pioneer® B3010M	62.9	75	\$1,237	90	2.5	n/d	77.3	88	\$1,521	89	1.0	n/d	56.4	89	\$1,109	96	2.9	n/d
Corteva AgriScience	Pioneer® P506ML	72.1	86	\$1,418	90	3.7	n/d	81.0	92	\$1,593	88	1.0	n/d	56.0	88	\$1,102	96	2.5	n/d
Corteva AgriScience	Pioneer® P505MSL	75.8	90	\$1,491	90	4.0	n/d	91.5	104	\$1,800	88	1.0	n/d	57.1	90	\$1,123	97	2.9	n/d
	LSD*	10.3	12					14.1	16					5.8	9				
	CV	9.6						11.7						6.7					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	74.5	107	\$1,465	89	2.0	n/d	97.1	92	\$1,911	88	1.0	n/d	57.2	98	\$1,125	96	1.5	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	69.7	100	\$1,372	89	2.5	n/d	105.7	100	\$2,078	89	1.3	n/d	58.6	100	\$1,152	97	2.0	n/d
	LSD*	13.6	20					12.8	12					5.5	9				
	CV	8.4						5.6						4.2					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	66.8	104	\$1,314	90	4.0	n/d	100.8	98	\$1,983	88	n/d	n/d	58.4	115	\$1,149	96	2.6	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	61.2	95	\$1,204	88	3.0	n/d	96.3	94	\$1,895	88	n/d	n/d	54.9	108	\$1,080	97	1.5	n/d
BrettYoung Seeds	BY 6211TF	61.6	96	\$1,211	91	3.5	n/d	95.6	93	\$1,881	88	n/d	n/d	55.9	110	\$1,099	97	1.8	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	64.1	100	\$1,262	88	4.5	n/d	103.0	100	\$2,026	87	n/d	n/d	50.8	100	\$1,000	96	2.3	n/d
CANTERRA SEEDS	CS3100 TF	58.1	91	\$1,142	92	3.5	n/d	82.4	80	\$1,621	90	n/d	n/d	48.0	95	\$945	104	2.3	n/d
CANTERRA SEEDS	CS3000 TF	67.4	105	\$1,327	90	3.5	n/d	97.8	95	\$1,923	88	n/d	n/d	55.2	109	\$1,086	98	2.4	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	68.0	106	\$1,337	90	4.0	n/d	91.7	89	\$1,804	89	n/d	n/d	55.5	109	\$1,092	96	1.8	n/d
WinField United-CROPLAN	CP21T3P	60.8	95	\$1,196	91	4.5	n/d	93.2	90	\$1,833	89	n/d	n/d	58.1	114	\$1,143	98	2.0	n/d
	LSD*	7.2	11					6.8	7					6.8	13				
	CV	7.7						4.8						8.4					

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**No lodging differential reported at this site

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+Days to maturity not reported at this site

n/d: No data



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials Long Season Zone, con't

		Long Season Zone																	
		Swift Current, SK						Coaldale, AB						Lomond, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity ⁺	Lodging **	Height (inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	37.8	100	\$744	78	n/d	n/d	42.7	100	\$841	89	1.5	n/d	37.1	100	\$729	n/d	n/d	n/d
BASF	InVigor® L345PC	37.7	100	\$742	78	n/d	n/d	47.2	110	\$927	89	2.0	n/d	41.5	112	\$817	n/d	n/d	n/d
BASF	InVigor® L356PC	35.9	95	\$707	79	n/d	n/d	43.2	101	\$850	90	1.8	n/d	37.8	102	\$744	n/d	n/d	n/d
BASF	InVigor® L343PC	40.2	106	\$791	77	n/d	n/d	43.2	101	\$850	89	1.3	n/d	38.6	104	\$759	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	36.1	95	\$710	79	n/d	n/d	35.7	84	\$703	89	1.0	n/d	34.5	93	\$679	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKTFLL 21 SC	32.9	87	\$648	76	n/d	n/d	35.4	83	\$696	89	1.0	n/d	34.1	92	\$671	n/d	n/d	n/d
CANTERRA SEEDS	CS4000 LL	36.6	97	\$721	77	n/d	n/d	41.9	98	\$824	89	2.0	n/d	39.9	108	\$785	n/d	n/d	n/d
Corteva AgriScience	Pioneer® B3010M	30.5	81	\$599	80	n/d	n/d	33.3	78	\$654	89	1.5	n/d	38.8	105	\$762	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P506ML	33.4	88	\$657	78	n/d	n/d	37.9	89	\$745	89	1.8	n/d	39.7	107	\$781	n/d	n/d	n/d
Corteva AgriScience	Pioneer® P505MSL	32.1	85	\$631	81	n/d	n/d	34.5	81	\$680	89	2.0	n/d	37.8	102	\$744	n/d	n/d	n/d
	LSD*	5.9	16					7.6	18					4.1	11				
	CV	11.6						13.3						7.4					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	33.0	94	\$649	80	n/d	n/d	40.8	98	\$802	82	n/d	n/d	43.5	96	\$856	n/d	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	35.2	100	\$693	80	n/d	n/d	41.4	100	\$815	82	n/d	n/d	45.4	100	\$894	n/d	n/d	n/d
	LSD*	2.5	7					8.4	20					2.0	4				
	CV	3.2						9.1						2.0					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	31.2	86	\$614	79	n/d	n/d	37.8	91	\$743	81	1.5	n/d	42.0	94	\$826	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	30.8	85	\$606	78	n/d	n/d	34.1	82	\$670	80	1.3	n/d	41.1	92	\$809	n/d	n/d	n/d
BrettYoung Seeds	BY 6211TF	32.6	90	\$641	80	n/d	n/d	38.7	93	\$762	81	1.0	n/d	39.0	88	\$767	n/d	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	36.2	100	\$712	77	n/d	n/d	41.7	100	\$820	80	1.5	n/d	44.5	100	\$876	n/d	n/d	n/d
CANTERRA SEEDS	CS3100 TF	27.0	75	\$531	84	n/d	n/d	22.3***	54***	\$439***	82***	1.3***	n/d	38.7	87	\$762	n/d	n/d	n/d
CANTERRA SEEDS	CS3000 TF	34.5	95	\$679	77	n/d	n/d	36.2	87	\$711	81	1.3	n/d	44.9	101	\$883	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	31.2	86	\$614	82	n/d	n/d	33.7	81	\$663	81	1.3	n/d	39.7	89	\$782	n/d	n/d	n/d
WinField United-CROPLAN	CP21T3P	32.8	91	\$645	81	n/d	n/d	35.7	86	\$702	81	1.3	n/d	38.9	87	\$766	n/d	n/d	n/d
	LSD*	2.0	6					4.6	11					2.7	6				
	CV	4.3						8.8						4.5					

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+Days to maturity not reported at this site

n/d: No data



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials Mid Season Zone

		Mid Season Zone																	
		Dauphin, MB						Hamiota, MB						Swan River, MB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity ⁺	Lodging	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	66.4	100	\$1,306	86	3.0	n/d	78.4	100	\$1,543	99	2.0	n/d	76.3	100	\$1,501	88	1.3	n/d
BASF	InVigor® L345PC	62.6	94	\$1,231	89	4.0	n/d	81.5	104	\$1,604	101	2.0	n/d	66.9	88	\$1,315	89	2.0	n/d
BASF	InVigor® L356PC	63.9	96	\$1,258	88	3.0	n/d	81.9	104	\$1,610	101	2.0	n/d	82.0	107	\$1,614	89	1.3	n/d
BASF	InVigor® L343PC	67.7	102	\$1,331	86	3.0	n/d	78.3	100	\$1,539	100	1.8	n/d	71.7	94	\$1,410	88	1.5	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	59.9	90	\$1,178	89	3.0	n/d	73.9	94	\$1,453	96	2.3	n/d	67.4	88	\$1,325	88	2.0	n/d
Bayer CropScience	DEKALB® DKTFL 21 SC	63.3	95	\$1,245	86	3.8	n/d	72.5	92	\$1,425	96	2.5	n/d	63.9	84	\$1,256	88	2.5	n/d
CANTERRA SEEDS	CS4000 LL	65.3	98	\$1,285	86	4.0	n/d	76.0	97	\$1,495	97	2.0	n/d	55.1	72	\$1,085	87	2.5	n/d
Corteva AgriScience	Pioneer® B3010M	61.1	92	\$1,203	88	3.0	n/d	73.7	94	\$1,449	97	1.8	n/d	68.0	89	\$1,337	87	1.0	n/d
Corteva AgriScience	Pioneer® P506ML	63.0	95	\$1,239	87	3.5	n/d	74.2	95	\$1,459	94	2.0	n/d	62.6	82	\$1,231	87	1.0	n/d
Corteva AgriScience	Pioneer® P505MSL	60.1	90	\$1,182	90	3.3	n/d	77.3	99	\$1,521	102	2.0	n/d	61.1	80	\$1,202	88	1.3	n/d
	LSD*	6.4	10					5.4	7					6.0	8				
	CV	7.0						4.9						6.1					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	62.0	102	\$1,219	87	3.0	n/d	71.1	95	\$1,398	95	2.3	n/d	61.6	100	\$1,212	89	1.5	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	60.8	100	\$1,195	89	3.3	n/d	75.1	100	\$1,477	99	2.8	n/d	66.0	107	\$1,299	88	2.0	n/d
	LSD*	3.2	5					4.9	7					7.1	12				
	CV	2.3						3.0						4.9					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	55.8	97	\$1,098	86	3.3	n/d	79.9	106	\$1,571	99	2.3	n/d	60.0	113	\$1,180	88	4.3	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	58.5	101	\$1,150	89	3.5	n/d	71.3	95	\$1,403	96	2.3	n/d	64.3	121	\$1,265	87	3.0	n/d
BrettYoung Seeds	BY 6211TF	56.3	97	\$1,107	87	3.0	n/d	85.1	113	\$1,673	96	2.0	n/d	60.2	113	\$1,184	89	3.5	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	57.8	100	\$1,138	85	3.8	n/d	75.1	100	\$1,477	96	3.0	n/d	53.2	100	\$1,046	83	4.8	n/d
CANTERRA SEEDS	CS3100 TF	55.8	97	\$1,098	93	1.8	n/d	72.8	97	\$1,432	106	1.3	n/d	48.4	91	\$953	88	2.8	n/d
CANTERRA SEEDS	CS3000 TF	61.1	106	\$1,202	86	3.8	n/d	72.5	97	\$1,426	100	2.8	n/d	63.4	119	\$1,246	88	3.8	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	54.7	95	\$1,075	91	3.0	n/d	74.5	99	\$1,465	101	1.8	n/d	62.0	117	\$1,220	90	2.3	n/d
WinField United-CROPLAN	CP21T3P	57.8	100	\$1,136	90	3.0	n/d	76.7	102	\$1,509	100	2.3	n/d	59.7	112	\$1,174	90	3.5	n/d
	LSD*	5.6	10					8.0	11					5.3	10				
	CV	6.7						7.2						6.1					

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+Days to maturity not reported at this site

n/d: No data

PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials Mid Season Zone, con't

		Mid Season Zone																	
		Kamsack, SK							North Battleford, SK							Scott, SK			
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity+	Lodging **	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	69.9	100	\$1,375	86	2.0	n/d	38.0	100	\$747	90	n/d	n/d	43.2	100	\$849	104	n/d	n/d
BASF	InVigor® L345PC	71.0	102	\$1,396	88	2.8	n/d	39.4	104	\$775	93	n/d	n/d	46.2	107	\$909	104	n/d	n/d
BASF	InVigor® L356PC	73.1	105	\$1,439	89	2.0	n/d	38.4	101	\$755	92	n/d	n/d	42.7	99	\$840	104	n/d	n/d
BASF	InVigor® L343PC	69.0	99	\$1,357	87	2.3	n/d	38.4	101	\$755	91	n/d	n/d	45.9	106	\$902	104	n/d	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	57.5	82	\$1,131	89	3.8	n/d	26.8	70	\$527	93	n/d	n/d	41.6	96	\$819	102	n/d	n/d
Bayer CropScience	DEKALB® DKTFLL 21 SC	56.3	81	\$1,108	88	4.0	n/d	30.1	79	\$593	91	n/d	n/d	42.0	97	\$825	103	n/d	n/d
CANTERRA SEEDS	CS4000 LL	67.2	96	\$1,323	88	3.0	n/d	29.6	78	\$581	93	n/d	n/d	44.3	103	\$872	103	n/d	n/d
Corteva AgriScience	Pioneer® B3010M	51.7	74	\$1,018	88	3.3	n/d	24.4	64	\$481	94	n/d	n/d	40.1	93	\$789	104	n/d	n/d
Corteva AgriScience	Pioneer® P506ML	52.8	75	\$1,038	86	3.3	n/d	34.0	89	\$668	93	n/d	n/d	43.6	101	\$858	104	n/d	n/d
Corteva AgriScience	Pioneer® P505MSL	59.4	85	\$1,168	91	3.5	n/d	31.3	82	\$616	94	n/d	n/d	40.3	93	\$793	105	n/d	n/d
	LSD*	4.4	6					6.5	17					3.4	8				
	CV	4.8						13.7						5.4					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	51.3	95	\$1,010	89	3.8	n/d	27.2	94	\$535	93	n/d	n/d	43.2	107	\$850	107	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	53.9	100	\$1,059	89	4.0	n/d	29.0	100	\$570	92	n/d	n/d	40.5	100	\$797	105	n/d	n/d
	LSD*	4.6	9					6.9	24					3.1	8				
	CV	3.9						10.9						3.3					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	67.9	107	\$1,336	89	3.0	n/d	32.7	101	\$644	93	n/d	n/d	48.5	102	\$954	104	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	60.3	95	\$1,187	89	2.5	n/d	25.7	79	\$505	93	n/d	n/d	43.0	90	\$846	104	n/d	n/d
BrettYoung Seeds	BY 6211TF	63.2	99	\$1,243	89	2.8	n/d	32.4	100	\$638	94	n/d	n/d	44.2	93	\$869	104	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	63.7	100	\$1,252	89	4.0	n/d	31.9	98	\$628	93	n/d	n/d	47.7	100	\$938	103	n/d	n/d
CANTERRA SEEDS	CS3100 TF	n/d***	n/d***	n/d***	n/d***	n/d***	n/d	32.9	101	\$646	96	n/d	n/d	41.5	87	\$816	105	n/d	n/d
CANTERRA SEEDS	CS3000 TF	62.9	99	\$1,236	88	3.0	n/d	33.3	103	\$655	93	n/d	n/d	46.3	97	\$910	104	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	65.9	104	\$1,297	91	2.5	n/d	26.8	83	\$526	94	n/d	n/d	42.2	88	\$830	104	n/d	n/d
WinField United-CROPLAN	CP21T3P	61.3	96	\$1,205	91	2.8	n/d	34.1	105	\$671	94	n/d	n/d	43.5	91	\$856	105	n/d	n/d
	LSD*	4.0	6					5.1	16					2.2	5				
	CV	4.4						11.0						3.4					

*For individual sites, LSD is approximate in blocks with missing plots - true LSD will vary by comparison

*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

+Days to maturity not reported at this site

n/d: No data

		Mid Season Zone											
		St. Brieux, SK						Fort Saskatchewan, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)
LibertyLink													
BASF	InVigor® L340PC (Check)	89.7	100	\$1,765	96	1.3	n/d	86.7	100	\$1,704	102	n/d	n/d
BASF	InVigor® L345PC	91.1	102	\$1,792	96	1.7	n/d	85.1	98	\$1,673	101	n/d	n/d
BASF	InVigor® L356PC	87.4	97	\$1,719	96	1.0	n/d	82.7	95	\$1,627	102	n/d	n/d
BASF	InVigor® L343PC	84.3	94	\$1,657	97	1.3	n/d	85.9	99	\$1,689	102	n/d	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	77.3	86	\$1,520	95	1.0	n/d	69.1	80	\$1,359	100	n/d	n/d
Bayer CropScience	DEKALB® DKTFLL 21 SC	76.0	85	\$1,496	97	1.3	n/d	74.0	85	\$1,456	99	n/d	n/d
CANTERRA SEEDS	CS4000 LL	81.1	90	\$1,595	96	1.8	n/d	84.9	98	\$1,670	100	n/d	n/d
Corteva AgriScience	Pioneer® B3010M	81.7	91	\$1,606	97	1.0	n/d	78.1	90	\$1,537	100	n/d	n/d
Corteva AgriScience	Pioneer® P506ML	79.3	88	\$1,561	96	1.3	n/d	83.5	96	\$1,642	102	n/d	n/d
Corteva AgriScience	Pioneer® P505MSL	89.1	99	\$1,752	96	1.3	n/d	83.1	96	\$1,634	103	n/d	n/d
	LSD*	8.6	10					5.0	6				
	CV	7.0						4.2					
Roundup													
Corteva AgriScience	Brevant™ D3158CM	66.1	96	\$1,299	100	NA	n/d	84.7	103	\$1,667	101	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	69.0	100	\$1,357	101	NA	n/d	82.1	100	\$1,614	102	n/d	n/d
	LSD*	14.1	20					3.2	4				
	CV	6.9						1.7					
TruFlex													
Bayer CropScience	DEKALB® DKTF 99 SC	68.5	88	\$1,348	97	1.0	n/d	87.7	102	\$1,725	100	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	73.9	95	\$1,454	96	1.3	n/d	76.9	90	\$1,513	101	n/d	n/d
BrettYoung Seeds	BY 6211TF	70.1	90	\$1,379	97	1.0	n/d	67.8	79	\$1,333	103	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	78.1	100	\$1,536	97	1.0	n/d	85.9	100	\$1,690	102	n/d	n/d
CANTERRA SEEDS	CS3100 TF	79.0	101	\$1,554	100	1.0	n/d	64.1	75	\$1,260	102	n/d	n/d
CANTERRA SEEDS	CS3000 TF	76.1	97	\$1,497	96	1.0	n/d	84.1	98	\$1,655	101	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	81.3	104	\$1,598	96	1.0	n/d	79.2	92	\$1,558	102	n/d	n/d
WinField United-CROPLAN	CP21T3P	75.0	96	\$1,476	97	1.0	n/d	58.3	68	\$1,147	105	n/d	n/d
	LSD*	15.5	20					6.3	7				
	CV	14.0						5.7					

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**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

+Days to maturity not reported at this site

n/d: No data collected

PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials Mid Season Zone, con't

		Mid Season Zone											
		Killiam, AB						Vegreville, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)
LibertyLink													
BASF	InVigor® L340PC (Check)	73.2	100	\$1,439	98	2.0	n/d	77.3	100	\$1,520	95	n/d	n/d
BASF	InVigor® L345PC	75.9	104	\$1,494	98	2.3	n/d	82.2	106	\$1,617	95	n/d	n/d
BASF	InVigor® L356PC	78.7	108	\$1,548	99	2.0	n/d	77.9	101	\$1,533	95	n/d	n/d
BASF	InVigor® L343PC	70.9	97	\$1,395	99	2.3	n/d	78.6	102	\$1,546	95	n/d	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	57.5	79	\$1,131	101	2.0	n/d	73.5	95	\$1,446	94	n/d	n/d
Bayer CropScience	DEKALB® DKTFL 21 SC	68.0	93	\$1,338	99	2.0	n/d	78.1	101	\$1,535	93	n/d	n/d
CANTERRA SEEDS	CS4000 LL	71.9	98	\$1,414	99	2.8	n/d	80.5	104	\$1,583	96	n/d	n/d
Corteva AgriScience	Pioneer® B3010M	55.2	75	\$1,086	99	2.0	n/d	68.6	89	\$1,350	95	n/d	n/d
Corteva AgriScience	Pioneer® P506ML	55.3	76	\$1,089	97	3.0	n/d	72.3	94	\$1,422	95	n/d	n/d
Corteva AgriScience	Pioneer® P505MSL	62.2	85	\$1,223	100	2.3	n/d	81.5	106	\$1,604	96	n/d	n/d
	LSD*	9.7	13					5.4	7				
	CV	9.9						4.8					
Roundup													
Corteva AgriScience	Brevant™ D3158CM	59.6	101	\$1,173	99	2.3	n/d	78.1	99	\$1,536	97	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	59.3	100	\$1,167	100	2.3	n/d	79.2	100	\$1,558	97	n/d	n/d
	LSD*	5.5	9					10.8	14				
	CV	4.1						6.1					
TruFlex													
Bayer CropScience	DEKALB® DKTF 99 SC	68.9	106	\$1,355	103	2.0	n/d	76.7	104	\$1,509	94	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	67.4	104	\$1,327	101	2.3	n/d	68.1	92	\$1,339	93	n/d	n/d
BrettYoung Seeds	BY 6211TF	64.6	99	\$1,270	104	2.5	n/d	72.5	98	\$1,426	96	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	65.0	100	\$1,279	100	2.3	n/d	74.1	100	\$1,458	93	n/d	n/d
CANTERRA SEEDS	CS3100 TF	68.2	105	\$1,342	105	1.8	n/d	75.1	101	\$1,478	94	n/d	n/d
CANTERRA SEEDS	CS3000 TF	72.0	111	\$1,416	103	2.0	n/d	79.6	107	\$1,566	93	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	62.7	96	\$1,233	105	1.8	n/d	70.2	95	\$1,381	97	n/d	n/d
WinField United-CROPLAN	CP21T3P	67.1	103	\$1,321	107	2.0	n/d	79.2	107	\$1,558	94	n/d	n/d
	LSD*	5.6	9					7.4	10				
	CV	5.7						6.8					

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**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

+Days to maturity not reported at this site

n/d: No data collected

| 2022 CPT SMALL PLOT DATA: Straight Cut Trials Short Season Zone

		Short Season Zone																	
		Codette, SK						Tisdale, SK						Falher, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity ⁺	Lodging **	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	80.8	100	\$1,589	92	n/d	n/d	65.7	100	\$1,292	87	2.8	n/d	48.7	100	\$958	108	1.8	n/d
BASF	InVigor® L345PC	78.5	97	\$1,544	92	n/d	n/d	65.3	99	\$1,285	88	3.3	n/d	49.1	101	\$966	108	1.8	n/d
BASF	InVigor® L356PC	79.3	98	\$1,560	92	n/d	n/d	67.7	103	\$1,331	89	3.3	n/d	51.6	106	\$1,015	108	1.8	n/d
BASF	InVigor® L343PC	74.9	93	\$1,474	92	n/d	n/d	64.6	98	\$1,271	88	2.8	n/d	46.4	95	\$914	108	1.5	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	72.0	89	\$1,415	92	n/d	n/d	53.0	81	\$1,042	90	4.0	n/d	45.7	94	\$898	108	2.0	n/d
Bayer CropScience	DEKALB® DKTFLL 21 SC	70.0	87	\$1,378	92	n/d	n/d	50.2	76	\$988	87	4.5	n/d	39.7	81	\$781	108	2.8	n/d
CANTERRA SEEDS	CS4000 LL	76.8	95	\$1,510	91	n/d	n/d	60.9	93	\$1,198	86	4.3	n/d	49.1	101	\$966	108	2.0	n/d
Corteva AgriScience	Pioneer® B3010M	70.9	88	\$1,394	92	n/d	n/d	58.0	88	\$1,140	86	3.8	n/d	44.8	92	\$880	108	1.5	n/d
Corteva AgriScience	Pioneer® P506ML	71.8	89	\$1,413	91	n/d	n/d	62.7	95	\$1,232	86	4.0	n/d	54.9	113	\$1,079	108	2.3	n/d
Corteva AgriScience	Pioneer® P505MSL	78.4	97	\$1,542	94	n/d	n/d	65.5	100	\$1,288	89	4.0	n/d	50.9	105	\$1,002	108	2.0	n/d
	LSD*	3.6	4					3.0	4					4.5	9				
	CV	3.3						3.3						6.4					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	65.1	98	\$1,280	91	n/d	n/d	60.2	101	\$1,184	90	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	66.7	100	\$1,311	92	n/d	n/d	59.4	100	\$1,169	91	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	4.3	6					4.2	7					n/d	n/d				
	CV	2.9						3.1						n/d					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	71.2	97	\$1,400	92	n/d	n/d	65.3	106	\$1,285	89	3.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	76.8	105	\$1,511	91	n/d	n/d	59.5	97	\$1,171	89	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
BrettYoung Seeds	BY 6211TF	74.9	103	\$1,473	92	n/d	n/d	64.1	104	\$1,262	89	3.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	73.0	100	\$1,436	91	n/d	n/d	61.7	100	\$1,213	87	3.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS3100 TF	74.2	102	\$1,460	95	n/d	n/d	64.2	104	\$1,263	94	2.3	n/d	n/d	n/d	n/d	n/d	n/d	n/d
CANTERRA SEEDS	CS3000 TF	74.1	102	\$1,458	92	n/d	n/d	60.5	98	\$1,190	87	2.8	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	67.5	93	\$1,329	94	n/d	n/d	60.1	97	\$1,182	92	3.5	n/d	n/d	n/d	n/d	n/d	n/d	n/d
WinField United-CROPLAN	CP21T3P	72.7	100	\$1,431	92	n/d	n/d	61.7	100	\$1,214	90	4.0	n/d	n/d	n/d	n/d	n/d	n/d	n/d
	LSD*	4.0	6					2.7	4					n/d	n/d				
	CV	3.7						2.9						n/d					

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**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

+Days to maturity not reported at this site

n/d: No data collected

2022 CPT SMALL PLOT DATA: Straight Cut Trials Short Season Zone, con't

		Short Season Zone																	
		Lacombe, AB						Warburg, AB						Falher, AB					
Distributor	Variety	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity	Lodging **	Height (Inch)	Yield (bu/ac)	Yield (% Check)	Gross Revenue/ac	Days to maturity*	Lodging **	Height (Inch)
LibertyLink																			
BASF	InVigor® L340PC (Check)	88.3	100	\$1,737	109	2.8	n/d	48.6	100	\$957	106	n/d	n/d	72.3	100	\$1,422	95	n/d	n/d
BASF	InVigor® L345PC	89.9	102	\$1,768	108	3.8	n/d	53.9	111	\$1,060	104	n/d	n/d	77.5	107	\$1,525	96	n/d	n/d
BASF	InVigor® L356PC	93.4	106	\$1,837	108	3.3	n/d	49.5	102	\$974	105	n/d	n/d	69.7	96	\$1,370	94	n/d	n/d
BASF	InVigor® L343PC	83.7	95	\$1,646	110	4.0	n/d	52.4	108	\$1,031	104	n/d	n/d	76.4	106	\$1,503	95	n/d	n/d
Bayer CropScience	DEKALB® DKLL 82 SC	72.5	82	\$1,426	108	3.3	n/d	46.7	96	\$919	104	n/d	n/d	58.1	80	\$1,144	96	n/d	n/d
Bayer CropScience	DEKALB® DKTFLL 21 SC	64.9	73	\$1,277	108	3.3	n/d	50.9	105	\$1,002	104	n/d	n/d	60.2	83	\$1,184	95	n/d	n/d
CANTERRA SEEDS	CS4000 LL	82.0	93	\$1,614	108	3.5	n/d	55.4	114	\$1,090	105	n/d	n/d	62.4	86	\$1,228	96	n/d	n/d
Corteva AgriScience	Pioneer® B3010M	76.0	86	\$1,496	111	2.8	n/d	53.2	109	\$1,046	104	n/d	n/d	59.1	82	\$1,163	99	n/d	n/d
Corteva AgriScience	Pioneer® P506ML	74.7	85	\$1,469	107	3.5	n/d	55.0	113	\$1,082	104	n/d	n/d	62.4	86	\$1,228	95	n/d	n/d
Corteva AgriScience	Pioneer® P505MSL	84.6	96	\$1,664	111	3.0	n/d	55.7	115	\$1,096	104	n/d	n/d	62.6	87	\$1,231	95	n/d	n/d
	LSD*	10.1	11					5.7	12					7.6	10				
	CV	8.6						7.6						7.9					
Roundup																			
Corteva AgriScience	Brevant™ D3158CM	78.4	100	\$1,543	109	2.5	n/d	58.0	111	\$1,142	103	n/d	n/d	58.0	92	\$1,141	98	n/d	n/d
Corteva AgriScience	Pioneer® 45CM39 (Check)	78.6	100	\$1,546	109	2.8	n/d	52.3	100	\$1,029	105	n/d	n/d	63.4	100	\$1,246	101	n/d	n/d
	LSD*	13.4	17					4.1	8					9.8	15				
	CV	7.6						3.3						7.2					
TruFlex																			
Bayer CropScience	DEKALB® DKTF 99 SC	80.4	97	\$1,581	111	3.5	n/d	58.9	111	\$1,159	103	n/d	n/d	54.2	84	\$1,067	94	n/d	n/d
Bayer CropScience	DEKALB® DKTF 97 CRSC	83.3	100	\$1,639	107	3.0	n/d	51.2	97	\$1,006	104	n/d	n/d	71.4	110	\$1,404	96	n/d	n/d
BrettYoung Seeds	BY 6211TF	88.4	107	\$1,739	111	3.3	n/d	51.3	97	\$1,009	104	n/d	n/d	58.8	91	\$1,156	98	n/d	n/d
CANTERRA SEEDS	CS2600 CR-T (Check)	83.0	100	\$1,633	111	3.5	n/d	53.0	100	\$1,042	104	n/d	n/d	64.9	100	\$1,276	96	n/d	n/d
CANTERRA SEEDS	CS3100 TF	88.6	107	\$1,743	109	2.8	n/d	56.0	106	\$1,101	105	n/d	n/d	60.0	93	\$1,181	102	n/d	n/d
CANTERRA SEEDS	CS3000 TF	87.1	105	\$1,713	111	3.0	n/d	57.0	108	\$1,122	104	n/d	n/d	64.6	100	\$1,270	97	n/d	n/d
Nutrien Ag Solutions - Proven Seed	PV 761 TM	75.5	91	\$1,486	112	2.5	n/d	47.7	90	\$938	106	n/d	n/d	54.6	84	\$1,073	95	n/d	n/d
WinField United-CROPLAN	CP21T3P	78.0	94	\$1,535	112	3.0	n/d	51.7	98	\$1,017	105	n/d	n/d	46.0	71	\$904	95	n/d	n/d
	LSD*	10.6	13					11.1	21					7.2	11				
	CV	8.7						14.1						8.2					

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*Zone average LSD is the mean of site LSDs

**No lodging differential reported at this site

***Low plant vigor noted early in season; plots were still above minimum acceptable plant count and entry was retained at this site

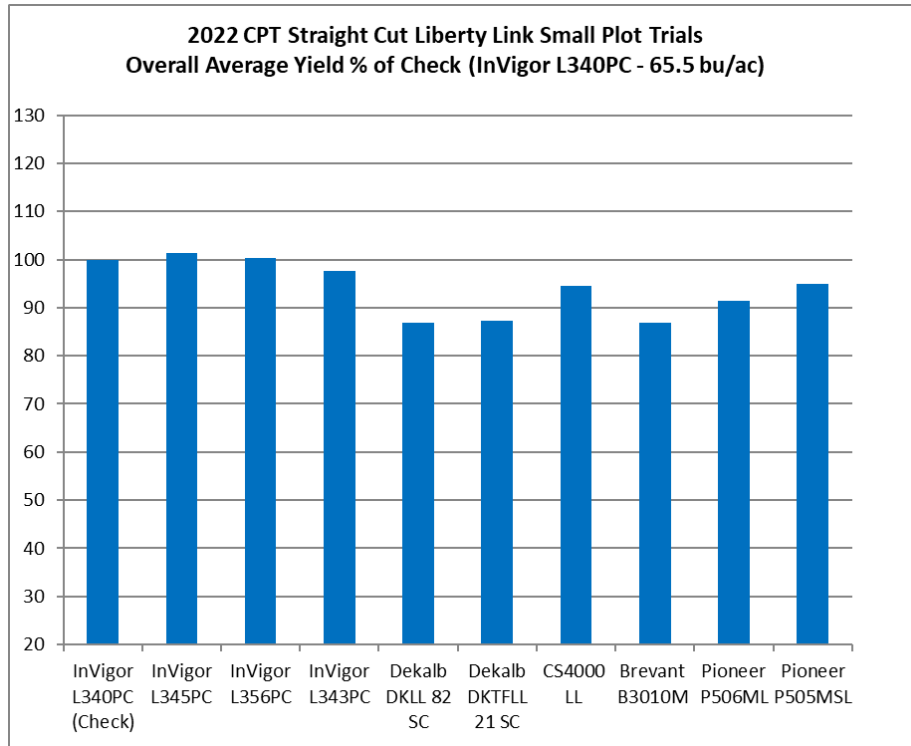
+Days to maturity not reported at this site

n/d: No data collected



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Overall Averages- Liberty Link



Variety	Overall Average Yield % of Check
InVigor® L340PC (Check)	100.0
InVigor® L345PC	101.3
InVigor® L356PC	100.3
InVigor® L343PC	97.6
DEKALB® DKLL 82 SC	87.0
DEKALB® DKTFL 21 SC	87.3
CS4000 LL	94.6
Pioneer® B3010M	86.9
Pioneer® P506ML	91.4
Pioneer® P505MSL	95.0

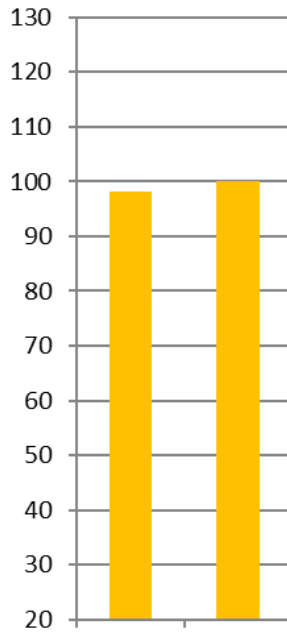
LibertyLink®
Roundup Ready®
TruFlex™



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Overall Averages- Roundup

2022 CPT Straight Cut Roundup Small Plot Trials
Overall Average Yield % of Check (Pioneer 45CM39 - 60.8 bu/ac)



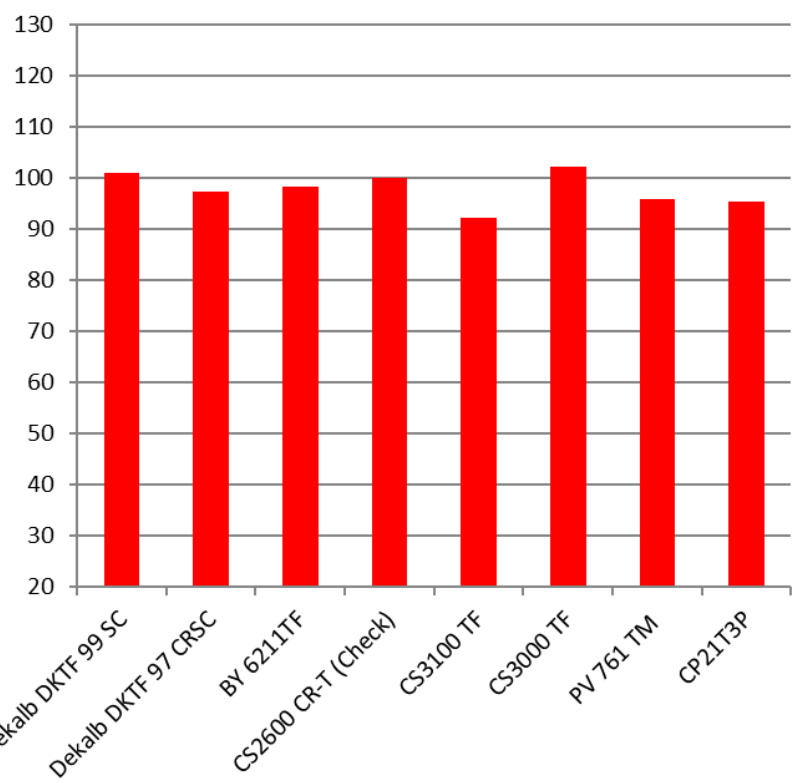
Variety	Overall Average Yield % of Check
Brevant™ D3158CM	98.1
Pioneer® 45CM39 (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Overall Averages- Truflex

2022 CPT Straight Cut Truflex Small Plot Trials
Overall Average Yield % of Check (CS2600 CR-T - 61.4 bu/ac)

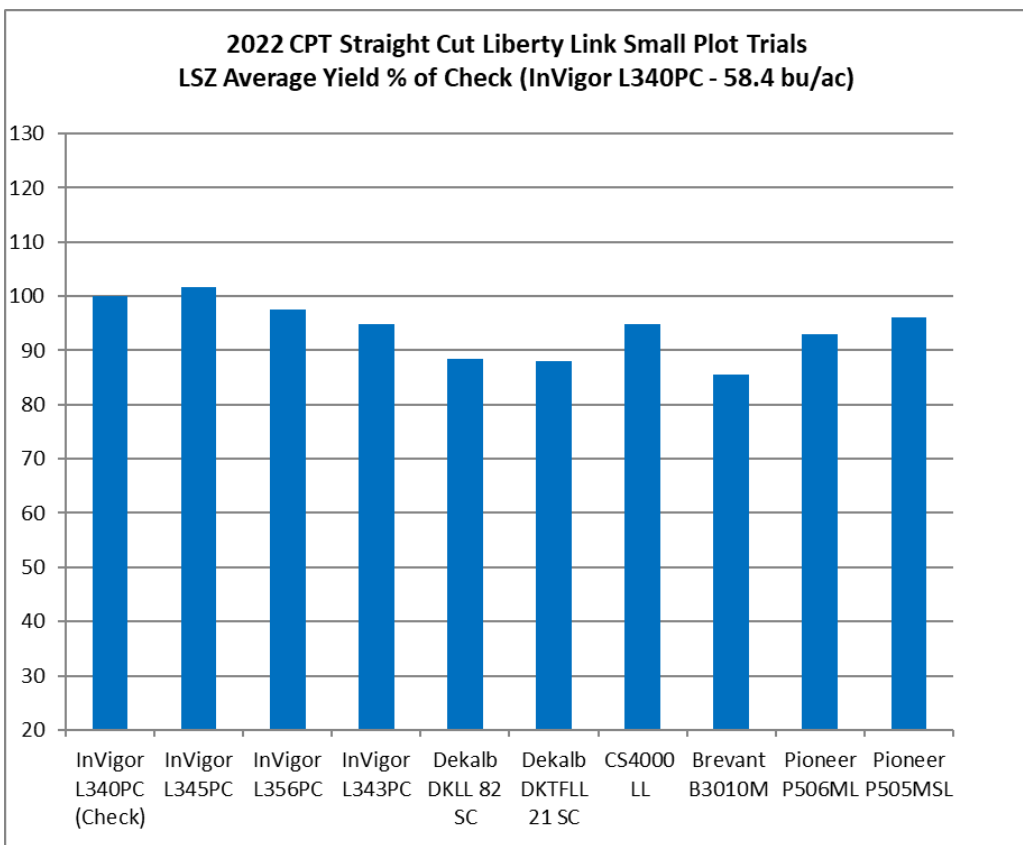


Variety	Overall Average Yield % of Check
DEKALB® DKTF 99 SC	100.9
DEKALB® DKTF 97 CRSC	97.3
BY 6211TF	98.2
CS2600 CR-T (Check)	100.0
CS3100 TF	92.1
CS3000 TF	102.2
PV 761 TM	95.7
CP21T3P	95.4



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Long Season Zone Averages- Liberty Link



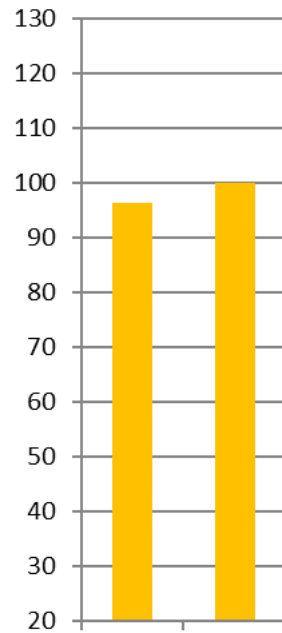
Variety	LSZ Average Yield % of Check
InVigor® L340PC (Check)	100.0
InVigor® L345PC	101.6
InVigor® L356PC	97.6
InVigor® L343PC	94.9
DEKALB® DKLL 82 SC	88.5
DEKALB® DKTFL 21 SC	88.0
CS4000 LL	94.8
Pioneer® B3010M	85.6
Pioneer® P506ML	92.9
Pioneer® P505MSL	96.1



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Long Season Zone Averages - Roundup

2022 CPT Straight Cut Roundup Small Plot Trials
LSZ Average Yield % of Check (Pioneer 45CM39 - 57.8 bu/ac)

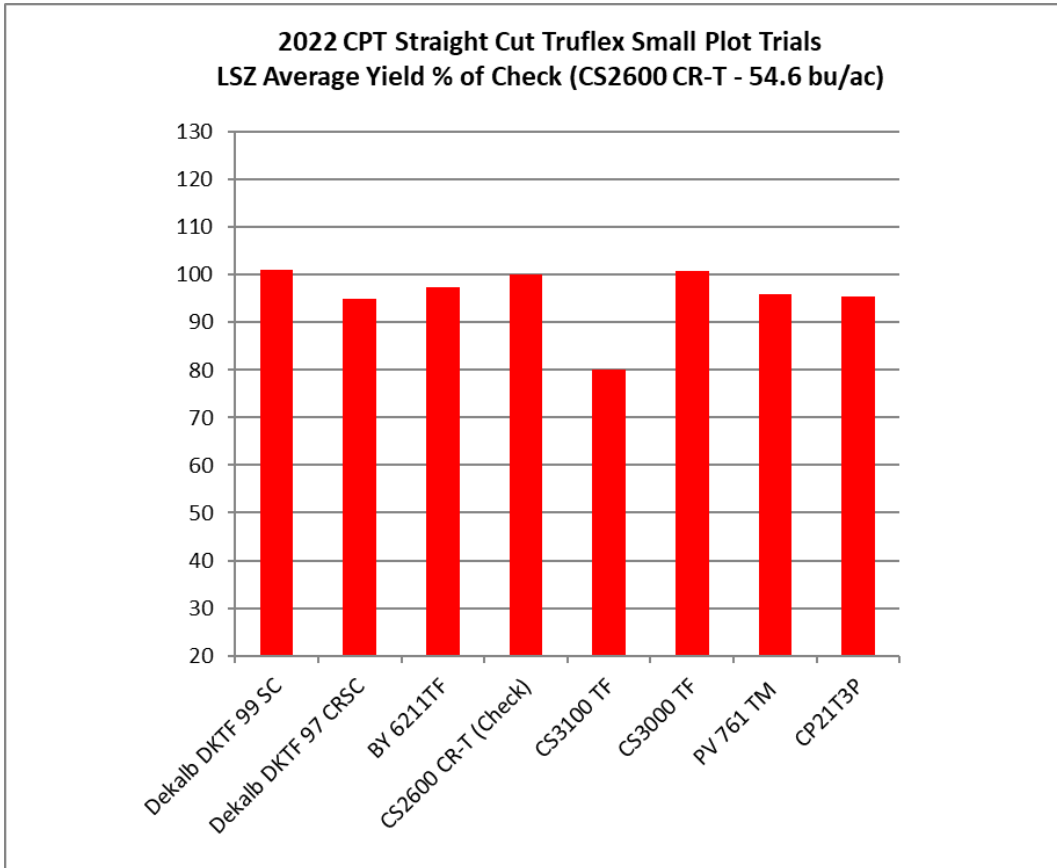


Variety	LSZ Average Yield % of Check
Brevant™ D3158CM	96.4
Pioneer® 45CM39 (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Long Season Zone Averages- Truflex

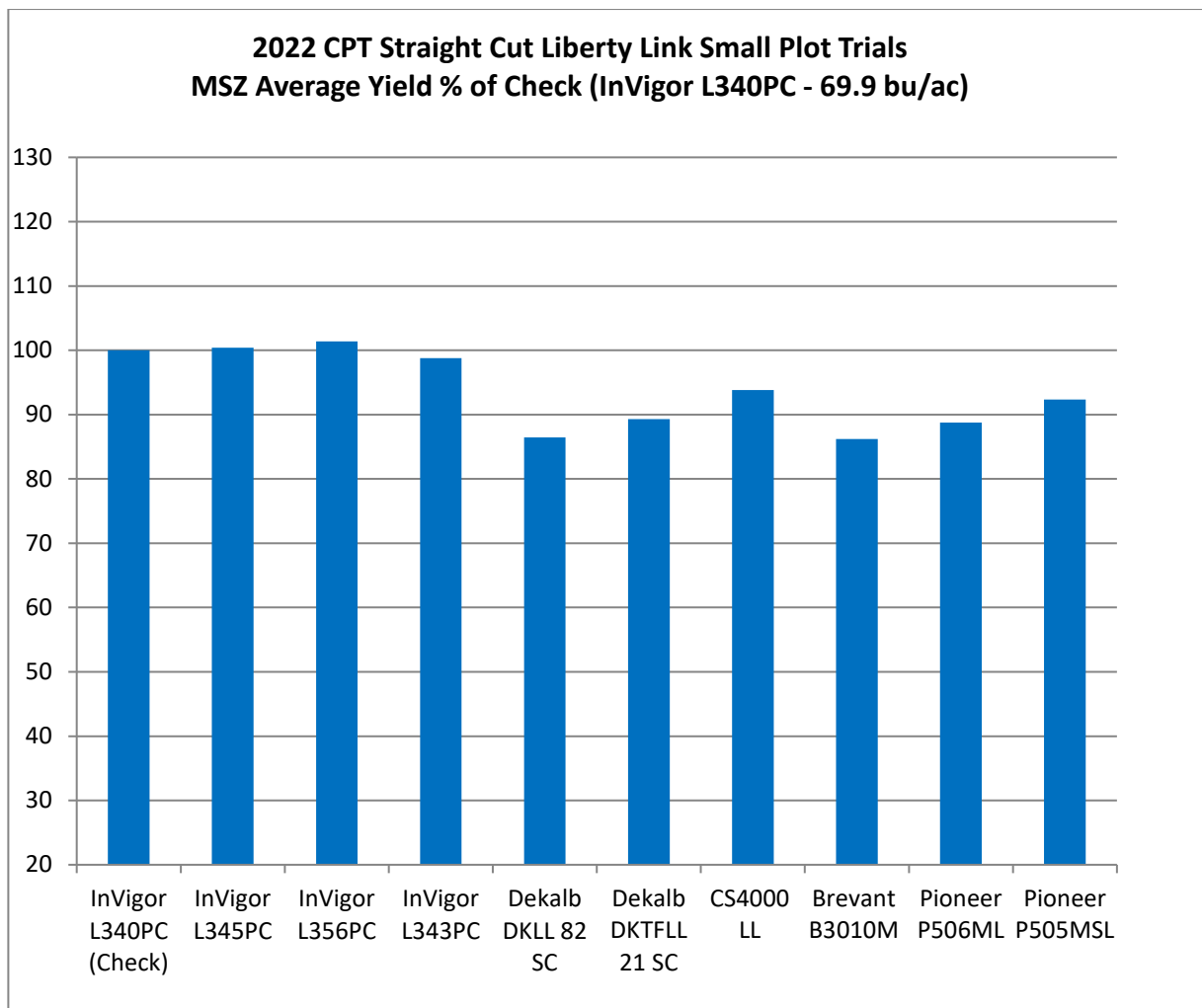


Variety	LSZ Average Yield % of Check
DEKALB® DKTF 99 SC	101.0
DEKALB® DKTF 97 CRSC	94.8
BY 6211TF	97.3
CS2600 CR-T (Check)	100.0
CS3100 TF	80.0
CS3000 TF	100.8
PV 761 TM	96.0
CP21T3P	95.4



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Mid Season Zone Averages- Liberty Link



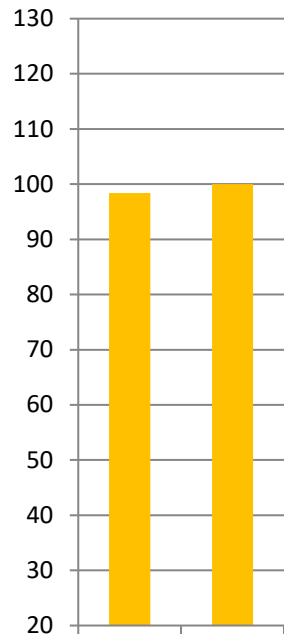
Variety	MSZ Average Yield % of Check
InVigor® L340PC (Check)	100.0
InVigor® L345PC	100.4
InVigor® L356PC	101.4
InVigor® L343PC	98.8
DEKALB® DKLL 82 SC	86.5
DEKALB® DKTFL 21 SC	89.3
CS4000 LL	93.8
Pioneer® B3010M	86.2
Pioneer® P506ML	88.8
Pioneer® P505MSL	92.3



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Mid Season Zone Averages- Roundup

2022 CPT Straight Cut Roundup Small Plot Trials
MSZ Average Yield % of Check (Pioneer 45CM39 - 61.5 bu/ac)

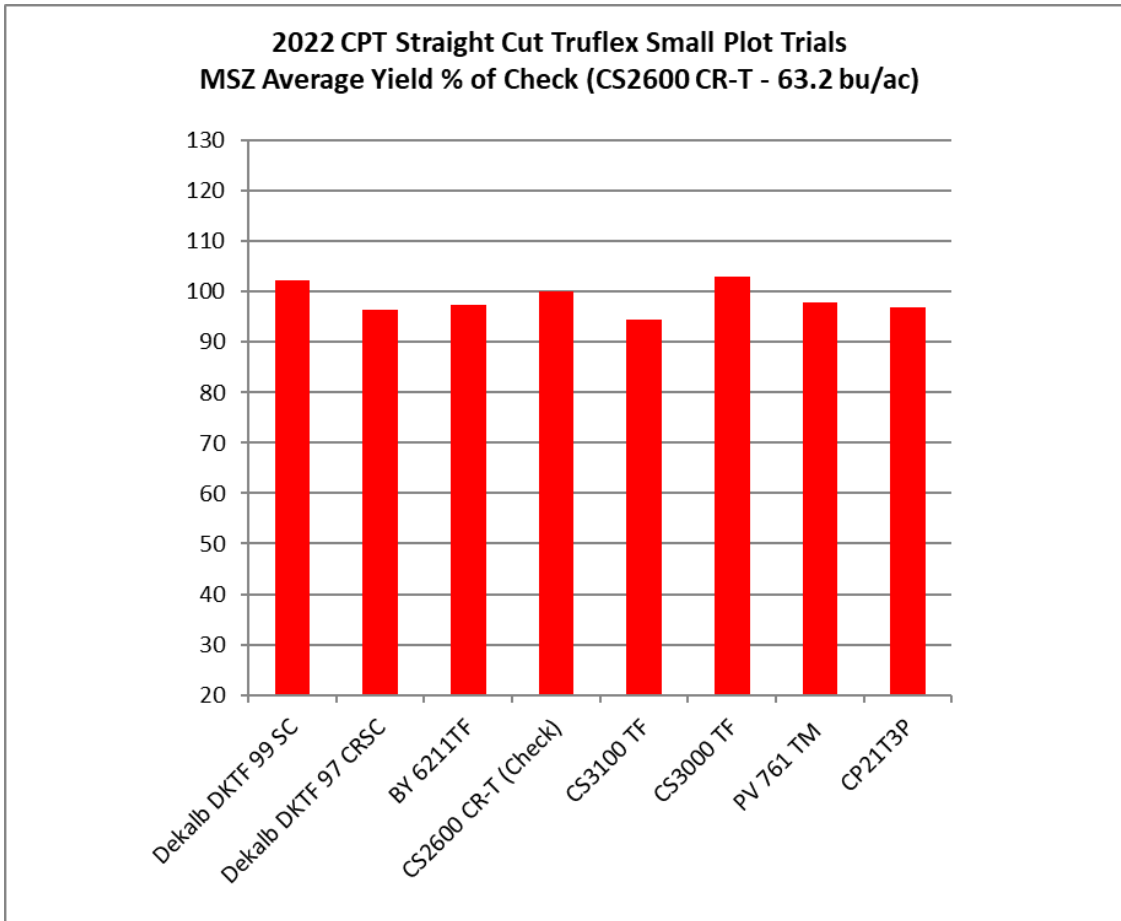


Variety	MSZ Average Yield % of Check
Brevant™ D3158CM	98.4
Pioneer® 45CM39 (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Mid Season Zone Averages- Truflex

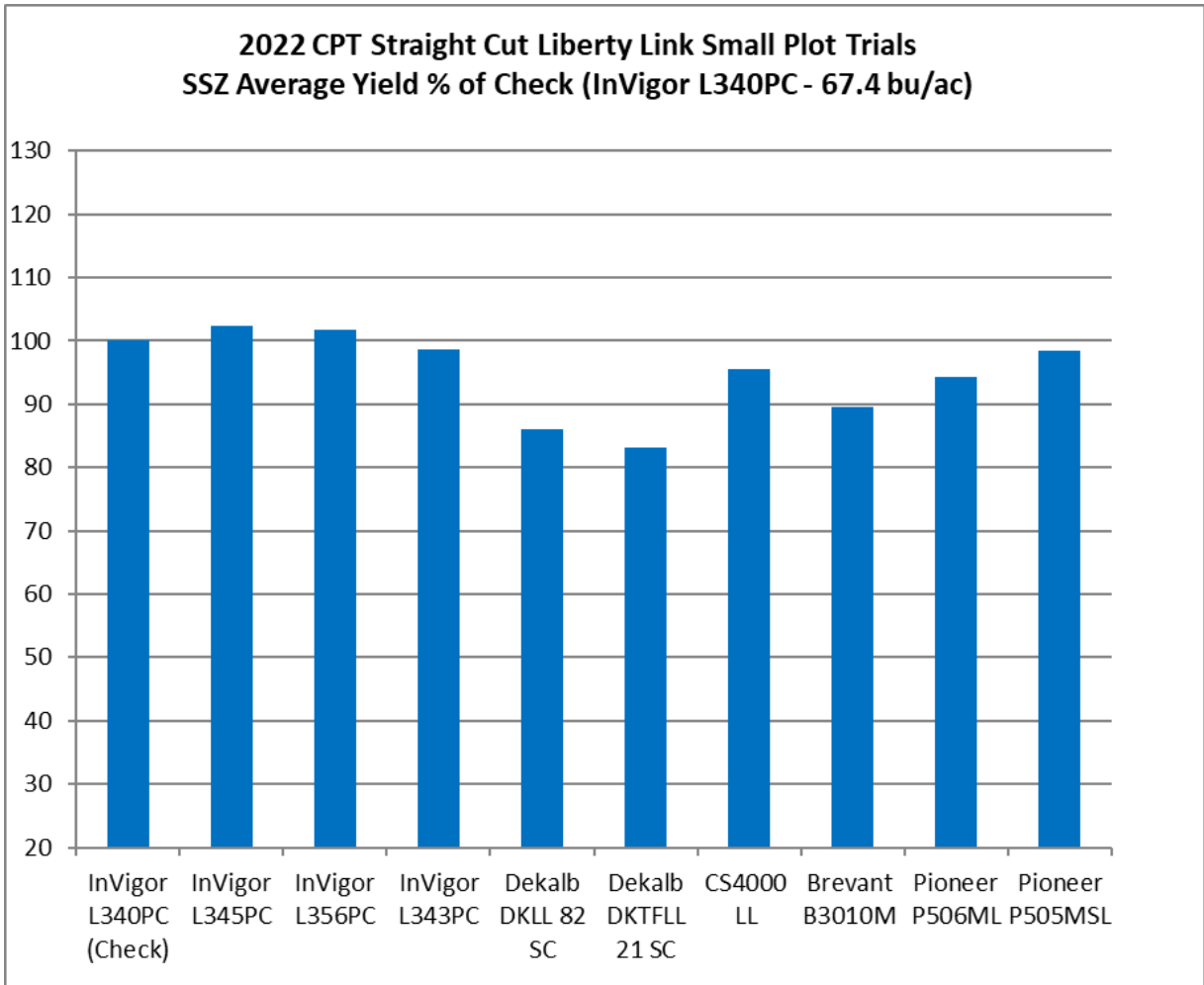


Variety	MSZ Average Yield % of Check
DEKALB® DKTF 99 SC	102.2
DEKALB® DKTF 97 CRSC	96.4
BY 6211TF	97.4
CS2600 CR-T (Check)	100.0
CS3100 TF	94.5
CS3000 TF	103.0
PV 761 TM	97.9
CP21T3P	96.9



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Short Season Zone Averages- Liberty Link



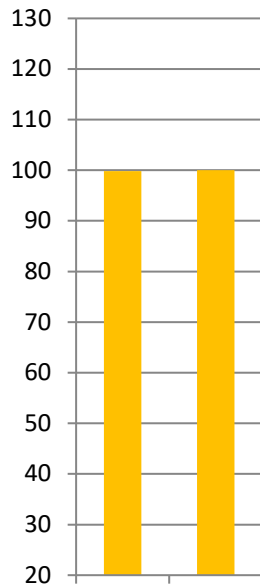
Variety	SSZ Average Yield % of Check
InVigor® L340PC (Check)	100.0
InVigor® L345PC	102.4
InVigor® L356PC	101.7
InVigor® L343PC	98.5
DEKALB® DKLL 82 SC	86.0
DEKALB® DKTFL 21 SC	83.1
CS4000 LL	95.6
Pioneer® B3010M	89.5
Pioneer® P506ML	94.3
Pioneer® P505MSL	98.3



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Short Season Zone Averages- Roundup

2022 CPT Straight Cut Roundup Small Plot Trials
SSZ Average Yield % of Check (Pioneer 45CM39 - 64.1 bu/ac)

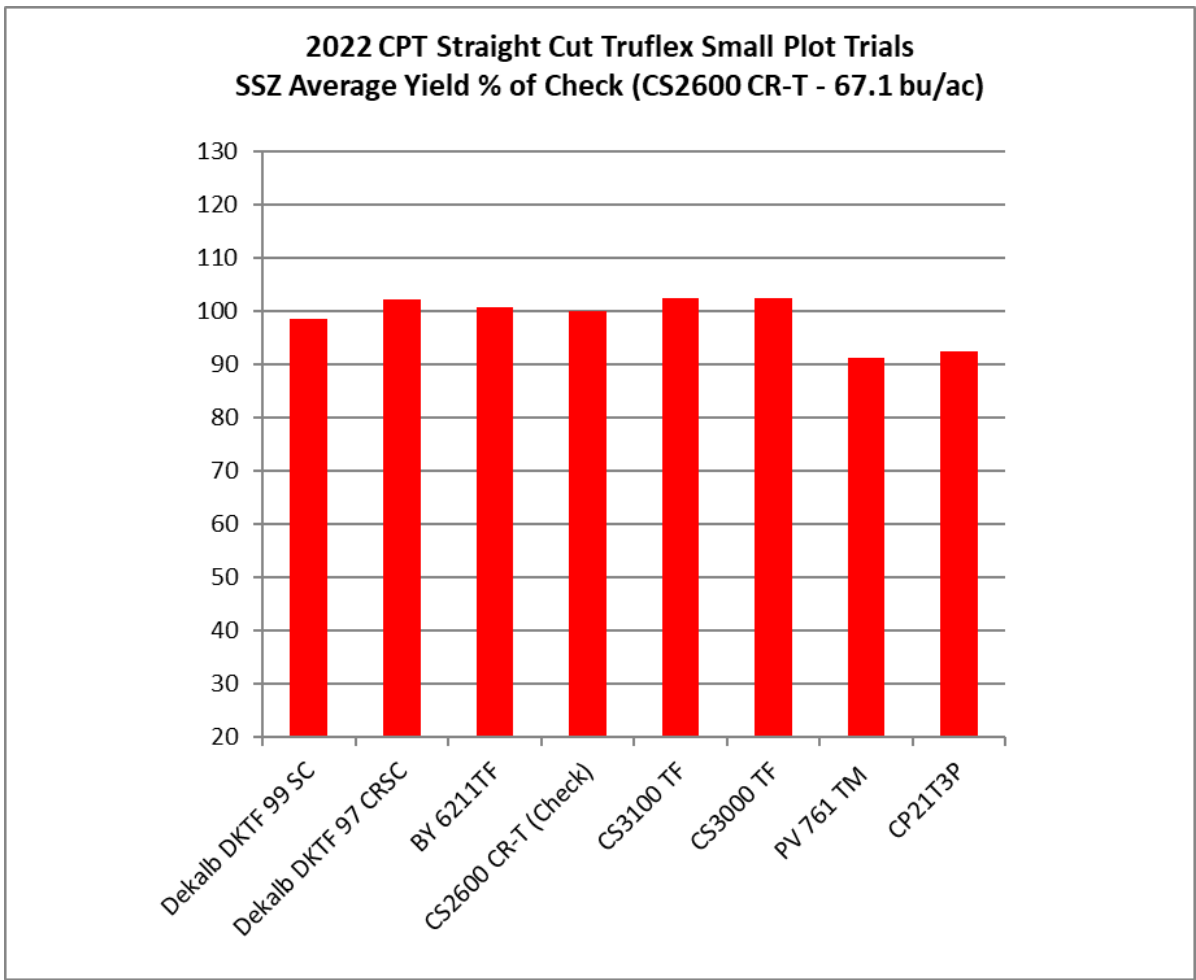


Variety	SSZ Average Yield % of Check
Brevant™ D3158CM	99.8
Pioneer® 45CM39 (Check)	100.0



PERFORMANCE TRIALS | 2022 CPT SMALL PLOT DATA: Straight Cut Trials

Short Season Zone Averages- Truflex



Variety	SSZ Average Yield % of Check
DEKALB® DKTF 99 SC	98.4
DEKALB® DKTF 97 CRSC	102.0
BY 6211TF	100.6
CS2600 CR-T (Check)	100.0
CS3100 TF	102.3
CS3000 TF	102.3
PV 761 TM	91.0
CP21T3P	92.4

Field scale trials are managed by growers using their typical production practices. Only data collected with weigh wagons is admissible for CPT. Trials are planted, swathed and harvested or straight cut and, when necessary, sprayed by growers using the respective herbicide systems according to established protocols. Individual plots range from 0.5 to 1.5 acres. When comparing average results between varieties, consider the number of field sites for each variety. Field scale trials occasionally produce data that is above or below the expected range. If agronomic observations cannot explain these outliers, then they are checked against the statistical limits of deviation established by the CPT Technical Committee. If the data falls outside the limits, it is removed. See the CPT protocols for field scale trials at:

canolaperformancetrials.ca/trial-protocol.

2022 Straight Cut Trials - Yield as % of L340PC								
Location	LibertyLink							Trial CV (%)
	Brevant™ B3010M	DEKALB® DKLL 82SC	InVigor® L343PC	InVigor® L345PC	InVigor® L356PC	Pioneer® P505MSL	InVigor® L340PC (bu/ac)	
Long Season Zone								
Balcarres, SK	98	n/d	101	100	99	95	100 (64.5)	1.0
Brunkild, MB	n/d	n/d	91	101	98	93	100 (58.5)	5.3
Ceylon, SK	n/d	n/d	101	100	102	95	100 (48.9)	3.2
Coaldale, AB	n/d	98	89	96	101	n/d	100 (69.4)	2.8
Crystal City, MB	81	n/d	103	100	109	75	100 (40.0)	1.4
Deloraine, MB	n/d	n/d	98	99	98	90	100 (59.2)	2.2
Dominion City, MB	n/d	94	94	n/d	95	n/d	100 (54.7)	3.6
Foremost, AB	81	91	92	91	92	n/d	100 (47.0)	8.4
Foxwarren, MB	104	n/d	102	111	116	103	100 (46.6)	4.1
Grosse Isle, MB	n/d	95	102	101	106	n/d	100 (51.4)	2.4
Gull Lake, SK	n/d	97	102	103	104	n/d	100 (31.2)	3.2
Indian Head, SK	n/d	n/d	90	89	90	89	100 (74.1)	4.4
Lampman, SK	n/d	n/d	93	98	94	85	100 (56.9)	3.5
Langbank, SK	87	n/d	97	96	103	77	100 (41.3)	6.6

n/d: no data collected. Missing data for some varieties due to the fact that not all varieties are included at all sites.

2022 Straight Cut Trials - Yield as % of L340PC								
Location	LibertyLink							Trial CV (%)
	Brevant™ B3010M	DEKALB® DKLL 82SC	InVigor® L343PC	InVigor® L345PC	InVigor® L356PC	Pioneer® P505MSL	InVigor® L340PC (bu/ac)	
Long Season Zone								
Medicine Hat, AB	n/d	n/d	101	103	109	99	100 (67.8)	2.1
Oxbow, SK	n/d	n/d	101	109	101	90	100 (50.4)	7.4
Portage La Prairie, MB	n/d	n/d	99	n/d	104	84	100 (43.7)	3.0
Rivers, MB	n/d	n/d	100	103	105	94	100 (59.6)	7.1
Roland, MB	n/d	98	102	n/d	95	n/d	100 (63.7)	4.1
Spy Hill, SK	n/d	n/d	97	104	117	115	100 (40.3)	6.7
St Leon, MB	81	n/d	97	95	102	74	100 (50.4)	2.5
Warner, AB	n/d	102	99	107	111	n/d	100 (38.5)	6.3
Welwyn, SK	92	n/d	103	98	103	93	100 (52.8)	1.5
Weyburn, SK	97	n/d	96	99	98	93	100 (56.5)	1.3

n/d: no data collected. Missing data for some varieties due to the fact that not all varieties are included at all sites.

2022 CPT FIELD SCALE PLOT DATA: Straight Cut Trials

2022 Straight Cut Trials - Yield as % of L340PC								
Location	LibertyLink							Trial CV (%)
	Brevant™ B3010M	DEKALB® DKLL 82SC	InVigor® L343PC	InVigor® L345PC	InVigor® L356PC	Pioneer® P505MSL	InVigor® L340PC (bu/ac)	
Mid Season Zone								
Assiniboia, SK	86	n/d	100	97	97	79	100 (50.9)	2.5
Beiseker, AB	89	n/d	101	102	103	91	100 (39.9)	8.3
Biggar, SK	87	n/d	100	102	97	86	100 (55.1)	6.3
Blackie, AB	100	n/d	103	90	96	85	100 (21.0)	7.8
Bowsman, MB	99	n/d	99	92	107	90	100 (46.2)	2.4
Canwood, SK	89	n/d	104	102	98	91	100 (77.2)	2.2
Colonsay, SK	n/d	n/d	103	90	98	90	100 (52.4)	4.4
Cut Knife, SK	87	n/d	91	102	86	93	100 (58.3)	6.6
Davidson, SK	84	n/d	84	83	94	84	100 (34.0)	5.6
Daysland, AB	97	n/d	102	102	103	95	100 (55.6)	2.1
Drumheller, AB	100	n/d	100	112	120	104	100 (36.6)	5.2
Foam Lake, SK	n/d	n/d	97	100	94	83	100 (58.7)	2.9
Fulda, SK	n/d	n/d	98	99	97	103	100 (66.9)	0.8
Grandview, MB	n/d	n/d	88	92	98	89	100 (51.0)	7.6
Holdfast, SK	n/d	n/d	100	102	100	97	100 (43.9)	2.0
Hussar, AB	96	n/d	97	105	102	98	100 (48.7)	3.4
Kinistino, SK	n/d	n/d	98	100	98	96	100 (58.7)	2.0

n/d: no data collected. Missing data for some varieties due to the fact that not all varieties are included at all sites.

2022 CPT FIELD SCALE PLOT DATA: Straight Cut Trials

2022 Straight Cut Trials - Yield as % of L340PC								
Location	LibertyLink							Trial CV (%)
	Brevant™ B3010M	DEKALB® DKLL 82SC	InVigor® L343PC	InVigor® L345PC	InVigor® L356PC	Pioneer® P505MSL	InVigor® L340PC (bu/ac)	
Mid Season Zone								
Maymont, SK	n/d	n/d	96	106	102	95	100 (31.9)	9.4
Moose Jaw, SK	n/d	n/d	105	102	104	93	100 (51.3)	5.1
Neilburg, SK	90	n/d	105	99	101	86	100 (54.9)	1.8
Norquay, SK	104	n/d	103	101	103	101	100 (63.8)	9.0
Outlook, SK	90	n/d	97	97	96	78	100 (61.3)	2.8
Pense, SK	91	n/d	98	99	98	90	100 (72.8)	0.6
Plenty, SK	79	n/d	89	99	100	88	100 (33.2)	9.1
Provost, AB	88	n/d	96	96	94	78	100 (48.3)	6.8
Redwater, AB	104	n/d	104	107	108	111	100 (60.9)	4.8
Regina, SK	98	n/d	107	106	106	91	100 (47.8)	4.0
Simpson, SK	n/d	n/d	98	96	100	84	100 (52.3)	3.0
Spiritwood, SK	87	n/d	103	105	102	95	100 (60.3)	9.7
Unity, SK	n/d	n/d	105	102	108	83	100 (46.9)	3.2
Veteran, AB	93	n/d	96	106	102	93	100 (43.5)	2.4
Wakaw, SK	90	n/d	97	95	96	91	100 (58.0)	1.8
Waldheim, SK	102	n/d	94	93	109	101	100 (39.2)	5.2
Wetaskiwin, AB	102	n/d	110	110	124	103	100 (37.6)	7.8
Yorkton, SK	n/d	n/d	99	102	104	95	100 (59.0)	3.1

n/d: no data collected. Missing data for some varieties due to the fact that not all varieties are included at all sites.

	2022 Straight Cut Trials - Yield as % of L340PC							
	LibertyLink							
Location	Brevant™ B3010M	DEKALB® DKLL 82SC	InVigor® L343PC	InVigor® L345PC	InVigor® L356PC	Pioneer® P505MSL	InVigor® L340PC (bu/ac)	Trial CV (%)
Short Season Zone								
Bonnyville, AB	95	n/d	102	108	106	102	100 (53.0)	4.5
Brownvale, AB	95	n/d	94	105	99	103	100 (41.6)	1.5
Fairview, AB	99	n/d	112	118	n/d	100	100 (36.8)	5.2
Fort Vermilion, AB	97	n/d	98	103	97	95	100 (50.3)	1.1
High Prairie, AB	96	n/d	104	102	100	100	100 (69.3)	2.8
Nampa, AB	96	n/d	100	100	99	101	100 (53.9)	3.7
Nipawin, SK	93	n/d	95	100	98	94	100 (67.0)	0.4
Red Deer County, AB	115	n/d	111	119	113	116	100 (42.3)	4.4

n/d: no data collected. Missing data for some varieties due to the fact that not all varieties are included at all sites.

For more details and for interactive search and comparison tools on final CPT datasets since 2011, visit canolaperformancetrials.ca