

2019 Saskatchewan Chickpea Regional Variety Trial Results						Region				Central Dark Brown Soil Zone	Alberta		OVERALL MEAN YIELD (avg. of % check)	
						South Brown & Dark Brown Soil Zones				DB	B	B		
						Soil Zone	B	B	B	DB	DB	B		B
						Site	Limerick	Swift Current	Lucky Lake	Moose Jaw	Saskatoon (Skarsgard)	Brooks	Bow Island	
Variety	PBR Status	Tolerant to Solo ADV	Breeding Institution	Distributor	Type	% Yield of Kabuli Check Variety <u>Amit</u>								
Amit	PBR'78	no	ARO Volcani Centre	AGT	Kabuli	100	100	100	100	100	100	100	100	
CDC Frontier		no	CDC	SPG	Kabuli	118	110	103	109	104	92	118	108	
CDC Luna		no	CDC	SPG	Kabuli	86	106	106	117	111	86	116	104	
CDC Orion		no	CDC	SPG	Kabuli	46	111	113	118	90	115	105	100	
CDC Alma		yes	CDC	SPG	Kabuli	71	105	104	111	89	98	111	98	
CDC Leader		no	CDC	SPG	Kabuli	106	100	107	101	91	87	118	101	
CDC Palmer	Upov'91	no	CDC	SPG	Kabuli	122	108	110	120	91	114	100	109	
CDC Lancer	Applied	yes	CDC	SPG	Kabuli	108	100	108	124	114	121	126	114	
CDC 1748-1*	Applied	yes	CDC	SPG	Kabuli	111	107	103	118	102	120	106	109	
CDC Cory		yes	CDC	SPG	Desi	120	100	107	110	107	134	118	114	
CDC Consul		no	CDC	SPG	Desi	124	101	108	106	101	108	94	106	
OVERALL MEAN YIELD (kg/ha)						2181	3157	2192	2244	3157	1632	1844	2344	
Amit (check variety) yield in bu/ac						32	45	31	30	47	23	25	33	
						% Yield of Desi Variety <u>CDC Cory</u>								
CDC Cory		yes	CDC	SPG	Desi	100	100	100	100	100	100	100	100	
CDC Consul		no	CDC	SPG	Desi	104	101	101	97	95	81	80	94	
CDC Cory (Desi check variety) yield in bu/ac						38	45	33	33	50	30	29	37	
CV						6.7	4.4	6.3	7.4	14.9	17.1	12.3		

*Variety released for seed multiplication; registration pending

Soil Zones - B=Brown, DB=Dark Brown, THB=Thin Black, TB=True Black

2018 Saskatchewan Chickpea Regional Variety Trial Results				Region			South Brown & Dark Brown Soil Zones		South Dark Brown Soil Zone Saskatchewan		Central Dark Brown Soil Zones	Alberta		
				Soil Zone			B	B	B	DB	DB	DB	B	B
				Site			Elrose	Limerick	Swift Current	Moose Jaw	Lucky Lake	Saskatoon (Skarsgard)	Brooks	Bow Island
Variety	PBR Status	Breeder	Type	% Yield of Check Variety Amit								MEAN		
Amit	PBR'78	ARO Volcani Centre	Kabuli	100	100	100	100	100	100	100	100	100		
CDC Frontier		CDC	Kabuli	92	101	101	115	105	106	86	102	100		
CDC Luna		CDC	Kabuli	98	89	99	88	101	108	83	84	96		
CDC Orion		CDC	Kabuli	107	93	115	68	90	97	104	109	101		
CDC Alma		CDC	Kabuli	93	102	105	70	90	102	86	89	94		
CDC Cory		CDC	Desi	87	97	98	100	96	107	94	104	98		
CDC Leader		CDC	Kabuli	97	101	99	93	103	102	100	81	98		
CDC Consul		CDC	Desi	97	101	104	119	81	101	96	109	101		
CDC Palmer	PBR'91	CDC	Kabuli	80	98	97	77	72	98	99	74	89		
% of check for all varieties				94	98	102	92	93	102	94	95	97		
Amit (check variety) yield in bu/ac				51	30	47	21	26	70	41	34	40		
CV				7.5	14	7.4	10.2	10.4	11.4	12.6	11.9			
LSD														

All varieties included in Varieties of Grain Crops 2019

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