

2019 Saskatchewan Dry Bean Regional Variety Trial Results				Region	Irrigated				Dryland				OVERALL MEAN YIELD (avg. of % check)	
				Soil Zone	DB	DB	B	Irrigated MEAN	THB	South DB	THB	TB		Dryland MEAN
				Site	Saskatoon	Riverhurst	Broderick		Kamsack	Redvers	Melfort	Rosthern		
Variety	PBR Status	Breeding Institution	Distributor	Type	% Yield of Check Variety <u>CDC Blackstrap</u>									
CDC Blackstrap	Upov'91	CDC	SPG	Black	100	100	100	100	100	100	100	100	100	100
CDC Superjet		CDC	SPG	Black	94	102	123	106	97	97	109	89	98	102
OAC Vortex		U of Guelph		Black	90	95	98	94	66	100	90	98	88	91
OAC Racer		U of Guelph		Cran	62	63	63	63	41	84	73	115	78	72
OAC Candycane		U of Guelph		Cran	99	94	127	107	84	76	90	115	91	98
CDC Ray	Upov'91	CDC	Rudy Agro	FDJ	113	103	147	121	105	106	135	61	102	110
Envoy		GenTec Seeds	Hensell District Co-op	Navy	80	86	85	84	74	98	53	103	82	83
Portage		AAFC (Morden)	Canterra Seeds	Navy	79	78	82	80	78	88	86	68	80	80
Bolt		U of Guelph	Hensell District Co-op	Navy	72	93	56	73	75	96	103	53	82	78
AAC Shock		AAFC/U of Guelph	Hensell District Co-op	Navy	85	96	100	94	72	97	105	91	91	92
AC Island		AAFC (Lethbridge)	Viterra	Pinto	87	78	64	76	74	83	84	94	84	81
AAC Burdett		AAFC		Pinto	91	89	81	87	98	111	84	88	95	92
CDC WM-2	Upov'78	CDC	Rudy Agro	Pinto/SD	73	94	92	86	62	73	77	29	60	71
CDC WM-3	Upov'91	CDC	Rudy Agro	Pinto/SD	69	83	102	85	89	66	88	132	94	90
CDC Sol		CDC		Yellow	26	50	36	37	14	103	38	115	67	55
CDC Sunburst	Applied	CDC		Yellow	105	91	89	95	107	83	100	110	100	98
<b>OVERALL MEAN YIELD (kg/ha)</b>					<b>2084</b>	<b>2594</b>	<b>1474</b>	<b>2051</b>	<b>1646</b>	<b>1981</b>	<b>3041</b>	<b>1874</b>	<b>2136</b>	<b>2099</b>
CDC Blackstrap (check variety) yield in bu/ac					37	44	24	35	32	32	51	31	36	36
CV					7.6	14.1	18.4		14.5	13.3	13.4	12.8		

\*Included in Varieties of Grain Crops 2020

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

2018 Saskatchewan Dry Bean Regional Variety Trial Results				Region			Irrigated						Dryland		
				Soil Zone			DB	DB	B	DB	THB	DB	THB	TB	
				Site			Outlook	Broderick	Riverhurst	Saskatoon	Kamsack	Redvers	Melfort	Rosthern	
Variety	PBR Status	Breeder	Type	% Yield of Check Variety CDC Jet								MEAN			
<b>CDC Jet*</b>		<b>CDC</b>	<b>Black</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			
CDC Superjet*		CDC	Black	101	105	95	105	101	99	116	97	103			
CDC Blackstrap*	PBR'91	CDC	Black	126	114	107	114	128	119	136	113	120			
Envoy*		GenTec Seeds	Navy	67	92	82	71	52	80	83	84	78			
Portage*		AAFC	Navy	132	90	106	79	106	90	109	99	104			
Bolt*		U of Guelph	Navy	131	91	90	80	104	64	114	90	98			
AAC Shock*		AAFC	Navy	118	106	101	93	104	91	128	94	107			
CDC Pintium*		CDC	Pinto	111	78	50	96	99	58	104	101	86			
AC Island*		AAFC	Pinto	151	92	82	88	114	96	123	103	107			
Medicine Hat*	PBR'78	Seminis Veget.	Pinto	139	98	109	103	138	94	120	124	115			
CDC WM-2*	PBR'78	CDC	Pinto/SD	150	87	74	62	105	83	115	85	98			
CDC Sol*	PBR'78	CDC	Yellow	121	117	111	77	109	95	123	99	109			
CDC Ray*	PBR'91	CDC	FDJ	130	127	123	103	150	99	148	130	128			
<b>Varieties being tested/proposed for registration in Canada</b>															
NN11-2	Applied	CDC	Pinto/SD	153	86	82	75	112	93	105	72	99			
3458-7	Applied	CDC	Navy	97	100	80	86	77	89	97	88	90			
4510-3-1	Applied	CDC	Yellow	130	121	120	91	112	98	123	115	117			
3568-1		CDC	Carioca	114	92	79	85	123	92	103	99	97			
7ab-3bola-3		CDC	Cranberry	73	100	78	65	57	68	80	101	79			
% of check for all varieties				122	100	94	89	107	91	115	100	104			
<b>CDC Jet (check variety) yield in bu/ac</b>				<b>52</b>	<b>49</b>	<b>60</b>	<b>28</b>	<b>26</b>	<b>34</b>	<b>19</b>	<b>29</b>	<b>37</b>			
CV				14.3	11.3	8.3	9.8	10.8	13.3	9.1	13.7				
LSD															

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