

2019 Saskatchewan Pea Regional Variety Trial Results					Region	South Brown & Dark Brown Soil Zones				Central Dark Brown Soil Zones				North Black & Gray Soil Zones				South East Black Soil Zone	OVERALL MEAN YIELD (avg. of % check)			
					Soil Zone	B	B	B	DB	DB	DB	DB	DB	DB	TB	THB	TB	THB		TB		
					Site	Hodgeville	Swift Current	Limerick	Lucky Lake	Scott	Outlook (IRR)	Saskatoon (Sutherland)	Saskatoon (Skarsgard)	Rosthern	Kamsack	Meath Park	Melfort	Indian Head				
Entry	Variety	PBR Status	Breeding Institution	Distributor	Type	% Yield of Check Variety CDC Amarillo																
1	CDC Amarillo		CDC	SPG	Yellow	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	CDC Meadow		CDC	SPG	Yellow	90	100	106	91	101	96	91	105	92	88	89	95	94	94	94	94	95
5	Agassiz	PBR'78	AAFC	Canterra	Yellow	107	101	105	101	100	94	98	107	100	98	110	84	92	92	100	92	100
7	CDC Saffron		CDC	SPG	Yellow	89	96	95	88	105	92	96	105	101	77	77	90	102	93	102	93	93
10	CDC Inca	PBR'91	CDC	SPG	Yellow	94	101	105	121	114	99	110	120	110	99	100	83	102	104	102	104	104
11	AAC Ardill		AAFC	Wagon Wheel Seeds	Yellow	90	99	102	103	91	95	96	109	99	99	92	95	93	97	93	97	97
13	CDC Spectrum	PBR'91	CDC	SPG	Yellow	77	98	100	124	107	91	103	119	98	87	101	88	92	99	92	99	99
15	AAC Lacombe	PBR'78	AAFC	SeedNet	Yellow	74	95	99	112	88	100	87	100	104	99	105	101	101	97	101	97	97
17	CDC Canary	PBR'91	CDC	SPG	Yellow	92	106	99	100	107	94	94	108	103	92	95	106	87	99	87	99	99
20	CDC Lewochko	PBR'91	CDC	SPG	Yellow	69	91	100	128	95	87	97	102	96	100	94	91	96	96	91	96	96
21	AAC Carver	PBR'91	AAFC	Canterra	Yellow	89	112	97	98	95	98	86	100	103	101	101	97	98	98	98	98	98
23	AAC Chrome	PBR'91	AAFC	FP Genetics	Yellow	82	111	108	117	113	101	89	122	115	103	99	75	104	103	104	103	103
27	AAC Delhi	PBR'91	AAFC	SeedNet	Yellow	100	110	109	108	105	93	98	103	99	95	105	91	101	101	101	101	101
36	AAC Aberdeen	PBR applied	AAFC	Alliance Seed	Yellow	76	103	107	121	98	111	100	118	113	101	117	94	106	105	106	105	105
2	CDC Limerick		CDC	SPG	Green	100	92	100	105	106	91	93	103	90	88	102	84	99	96	99	96	96
3	CDC Striker		CDC	SPG	Green	79	90	86	76	99	76	82	95	88	77	74	97	87	85	87	85	85
6	CDC Raezer		CDC	SPG	Green	88	90	82	78	91	96	78	92	84	72	85	79	86	85	86	85	85
8	CDC Greenwater		CDC	SPG	Green	86	93	96	113	101	97	105	123	92	94	103	94	98	98	98	100	100
12	CDC Spruce	PBR'91	CDC	SPG	Green	81	94	92	115	101	104	91	99	105	92	101	94	97	97	97	97	97
16	CDC Forest	PBR'91	CDC	SPG	Green	93	102	105	108	103	92	98	100	106	101	108	86	108	101	101	101	101
22	AAC Comfort	PBR'91	AAFC	Canterra	Green	68	95	79	123	104	89	93	116	91	102	101	89	99	96	99	96	96
25	Blueman	PBR'91	DL Seeds	SeedNet	Green	89	93	91	104	98	91	94	102	100	103	111	68	86	86	86	95	95
14	AAC Liscard		AAFC	Wagon Wheel Seeds	Maple	97	93	85	98	86	101	86	105	90	78	80	83	90	90	90	90	90
18	CDC Blazer	PBR'91	CDC	SPG	Maple	89	94	84	112	102	87	101	110	96	99	96	75	93	93	93	95	95
19	CDC Jasper	PBR'91	CDC	SPG	Forage	71	81	87	89	65	54	82	81	73	79	95	55	76	76	76	76	76
26	DL Delicious	PBR applied	DL Seeds		Forage	52	79	43	86	65	67	71	79	53	56	66	36	60	60	60	62	62
34	DL Goldeye	PBR applied	DL Seeds		Forage	50	61	72	80	78	61	79	75	57	64	81	45	69	69	69	67	67
10	CDC Dakota		CDC	SPG	Dun	81	99	103	123	90	99	94	103	99	94	101	78	96	96	96	97	97
<b>OVERALL MEAN YIELD (kg/ha)</b>						<b>2179</b>	<b>4883</b>	<b>2390</b>	<b>1935</b>	<b>3030</b>	<b>5665</b>	<b>2942</b>	<b>3384</b>	<b>3159</b>	<b>2976</b>	<b>2926</b>	<b>3203</b>	<b>3330</b>	<b>3229</b>	<b>3229</b>	<b>3229</b>	<b>3229</b>
<b>CDC Amarillo (check variety) yield in bu/ac</b>						<b>38.5</b>	<b>75.8</b>	<b>37.7</b>	<b>27.6</b>	<b>46.6</b>	<b>92.3</b>	<b>47.3</b>	<b>48.6</b>	<b>49.4</b>	<b>48.8</b>	<b>45.2</b>	<b>56.6</b>	<b>53.2</b>	<b>51.4</b>	<b>51.4</b>	<b>51.4</b>	<b>51.4</b>
CV						13.5	4.2	7.9	10.5	8.1	7.9	6.2	7.8	9.8	7	14.8	10.9	6.3				

All varieties included in Varieties of Grain Crops 2020

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

2018 Saskatchewan Pea Regional Variety Trial Results					South Brown & Dark Brown Soil Zones			Central Dark Brown Soil Zones				North Black & Gray Soil Zones					South East Black Soil Zone			
					Soil Zone			B	B	DB	DB	DB	DB	DB	TB	THB	TB	TB	THB	TB
					Site		Hodgeville	Swift Current	Lucky Lake	Scott	Broderick (IRR)	Saskatoon (Sutherland)	Saskatoon (Skarsgard)	Rosthern	Kamsack	Meath Park	Glaslyn	Melfort	Indian Head	
Entry	Variety	PBR Status	Breeder	Type	% Yield of Check Variety CDC Amarillo												MEAN			
1	CDC Amarillo		CDC	Yellow	100	100	100	100	100	100	100	100	100	100	100	100	100			
3	CDC Golden		CDC	Yellow	95	93	82	72	83	161	94	92	95	97	100	83	92			
5	CDC Meadow		CDC	Yellow	100	92	80	99	109	113	93	98	97	79	101	92	99			
6	Agassiz	PBR'78	AAFC	Yellow	103	100	84	102	113	107	90	76	104	95	102	103	101			
8	CDC Saffron		CDC	Yellow	97	94	92	105	117	119	92	97	97	84	100	88	104			
13	CDC Inca	PBR'91	CDC	Yellow	95	98	99	95	97	178	98	103	104	93	92	88	100			
14	AAC Ardill		AAFC	Yellow	112	105	105	90	109	134	95	99	103	105	103	97	107			
17	CDC Spectrum	PBR'91	CDC	Yellow	117	99	98	98	92	103	97	105	110	84	113	96	104			
18	CDC Athabasca	PBR'91	CDC	Yellow	86	91	81	91	112	99	95	100	102	71	100	86	97			
19	AAC Lacombe	PBR'78	AAFC	Yellow	77	97	93	90	109	73	94	96	106	89	104	97	106			
21	CDC Canary	PBR'91	CDC	Yellow	108	95	93	95	109	126	93	97	99	90	93	97	104			
24	CDC Lewochko	PBR'91	CDC	Yellow	112	96	100	106	120	104	104	95	121	100	126	95	108			
26	AAC Carver	PBR'91	AAFC	Yellow	108	91	90	88	111	143	98	98	99	96	118	87	107			
28	Hyline		SW	Yellow	106	102	79	83	135	94	84	94	98	99	89	91	93			
29	AAC Chrome	PBR'91	AAFC	Yellow	114	99	98	98	134	73	111	102	110	84	115	100	117			
30	AAC Asher	Applied	AAFC	Yellow	93	107	99	111	121	90	109	98	108	109	113	98	111			
31	AAC Profit	Applied	AAFC	Yellow	96	98	92	106	119	80	99	107	115	106	147	101	108			
2	CDC Limerick		CDC	Green	84	89	77	87	96	162	89	87	97	82	106	89	93			
4	CDC Striker		CDC	Green	80	86	77	71	98	122	76	87	86	70	91	66	82			
7	CDC Raezer		CDC	Green	74	80	80	71	106	92	76	86	77	82	77	70	70			
9	CDC Greenwater		CDC	Green	98	95	94	100	97	165	82	86	93	87	105	86	101			
16	CDC Spruce	PBR'91	CDC	Green	96	95	93	75	115	107	86	105	102	94	110	92	103			
20	CDC Forest	PBR'91	CDC	Green	106	97	100	95	106	123	94	101	109	100	112	96	104			
27	AAC Comfort	PBR'91	AAFC	Green	96	95	85	77	100	56	84	99	108	75	122	88	115			
33	Blueman	Applied	DL	Green	86	101	91	81	95	83	84	86	89	83	95	88	95			
34	CDC Patrick		CDC	Green	92	95	70	88	107	116	82	94	98	95	88	85	94			
35	CDC Tetris		CDC	Green	75	74	93	75	106	78	82	90	95	80	106	93	90			
36	CDC Pluto		CDC	Green	77	95	53	75	91	123	81	89	85	88	96	92	98			
15	AAC Liscard		AAFC	Maple	104	90	90	79	89	66	84	93	89	83	79	90	93			
22	CDC Blazer	PBR'91	CDC	Maple	92	104	90	89	108	107	88	99	110	95	131	93	106			
10	CDC Dakota		CDC	Dun	92	96	92	80	93	49	84	98	109	86	90	84	100			
23	CDC Jasper	PBR'91	CDC	Forage	85	92	87	81	108	95	81	83	93	95	89	79	95			
11	Redbat 8	PBR'91	CDC	Red	86	99	74	89	111	84	93	97	91	97	78	93	92			
12	Redbat 88	PBR'91	CDC	Red	89	92	93	85	98	72	88	104	104	83	85	95	102			
% of check for all varieties					95	95	88	89	106	106	91	95	100	90	102	91	100	96		
<b>CDC Amarillo (check variety) yield in bu/ac</b>					<b>42</b>	<b>48</b>	<b>29</b>	<b>46</b>	<b>61</b>	<b>39</b>	<b>83</b>	<b>48</b>	<b>62</b>	<b>38</b>	<b>49</b>	<b>83</b>	<b>46</b>	<b>52</b>		
CV					11.8	4.3	7.8	8.7	11.9	9.9	6.9	8.4	6.1	12.4	12.4	4.2	6.4			
LSD																				

All varieties included in Varieties of Grain Crops 2019

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