

2019 Saskatchewan Lentil Regional Variety Trial Results					Region	South Brown & Dark Brown Soil Zones					Central Dark Brown Soil Zones			North Black Soil Zone	OVERALL MEAN YIELD (avg of % check)		
					Soil Zone	B	B	B	B	DB	DB	DB	DB	DB		DB	THB
					Site	Elrose	Limerick	Swift Current	Hodgeville	Lucky Lake	Scott	Saskatoon (Sutherland)	Saskatoon (Skarsgard)	Melfort			
Variety	PBR Status	Herbicide Tolerance	Breeding Institution	Distributor	Type	% Yield of Check Variety CDC Maxim											
CDC Maxim		CL	CDC	SPG	SR	100	100	100	100	100	100	100	100	100	100		
CDC Carmine	Applied		CDC	SPG	SR	112	121	102	88	92	121	147	114	102	111		
CDC Coral	Upov'91		CDC	SPG	SR	104	117	100	93	99	124	138	106	84	107		
CDC Dazil		CL	CDC	SPG	SR	94	102	98	95	94	90	133	101	63	97		
CDC Imax		CL	CDC	SPG	SR	96	104	104	93	90	70	104	56	39	84		
CDC Impulse	Upov'91	CL	CDC	SPG	SR	113	131	105	89	89	114	140	92	81	106		
CDC Nimble	Applied	CL	CDC	SPG	SR	119	101	107	103	100	120	134	105	94	109		
CDC Proclaim	Upov'91	CL	CDC	SPG	SR	131	131	111	102	108	89	128	77	93	108		
CDC Redmoon	Upov'91		CDC	SPG	SR	122	133	109	101	113	114	150	99	96	115		
CDC Scarlet			CDC	SPG	SR	86	124	108	82	87	124	158	100	77	105		
CDC Simmie	Applied	CL	CDC	SPG	SR	80	125	105	97	93	120	134	106	89	105		
CDC KR-2	Upov'91	CL	CDC	SPG	LR	134	133	109	105	105	82	131	86	82	108		
CDC Sublime	Applied	CL	CDC	SPG	LR	121	151	113	98	103	110	148	107	77	114		
CDC Imp	Applied	CL	CDC	SPG	ESR	128	96	102	88	94	125	137	110	80	107		
CDC Impala		CL	CDC	SPG	ESR	78	115	91	85	94	88	126	69	59	89		
CDC Roxy	Applied		CDC	SPG	ESR	93	108	104	95	118	110	144	92	88	106		
CDC Asterix			CDC	SPG	ESG	107	101	96	85	87	100	119	94	65	95		
CDC Invincible		CL	CDC	SPG	SG	100	112	101	79	107	97	129	91	62	97		
CDC Jimini	Applied	CL	CDC	SPG	SG	124	128	115	101	94	109	155	111	69	112		
CDC Kermit	Upov'91		CDC	SPG	SG	109	116	102	97	115	114	143	131	74	111		
CDC Greenstar			CDC	SPG	LG	85	132	99	89	103	89	123	95	52	96		
CDC Impower		CL	CDC	SPG	LG	122	115	97	70	118	42	104	45	41	84		
CDC Lima	Applied	CL	CDC	SPG	LG	92	134	94	75	102	79	141	90	73	98		
CDC Marble			CDC	SPG	FG	90	114	103	84	98	115	142	120	67	103		
CDC Pilgrim	Applied	CL	CDC	SPG	FG	102	127	100	79	89	81	138	100	62	98		
CDC QG-2			CDC	AGT	FG-GC	100	92	88	84	87	86	132	85	58	90		
CDC Imerald	Applied	CL	CDC	AGT	GC	99	116	92	82	110	65	121	87	56	92		
CDC QG-3	Upov'91	CL	CDC	AGT	GC	91	112	85	79	83	65	110	70	40	82		
CDC QG-4	Applied	CL	CDC	AGT	GC	93	111	91	87	102	85	130	97	73	97		
CDC SB-3	Upov'91	CL	CDC	Simpson Seeds	SB	106	130	104	92	86	84	137	79	94	101		
CDC SB-4	Applied	CL	CDC	Simpson Seeds	SB	166	131	100	82	102	142	144	120	95	120		
<b>OVERALL MEAN YIELD (kg/ha)</b>						<b>932</b>	<b>1779</b>	<b>3023</b>	<b>1747</b>	<b>1365</b>	<b>2313</b>	<b>2671</b>	<b>1722</b>	<b>2072</b>	<b>1958</b>		
<b>CDC Maxim (check variety) yield in bu/ac</b>						13	22	44	29	21	35	30	27	42	29		
CV							14.3	3.9	9.6	15.1		10.5	13.1	12.7	13.6		

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

2018 Saskatchewan Lentil Regional Variety Trial Results					Region				South Brown & Dark Brown Soil Zones			Central Dark Brown Soil Zones			North Black & Gray Soil Zones				
					Soil Zone				B	B	B	DB	DB	DB	DB	DB	DB	TB	THB
					Site				Elrose	Limerick	Swift Current	Lucky Lake	Scott	Saskatoon (Sutherland)	Saskatoon (Skarsgard)	Rosthern	Melfort		
Variety	PBR Status	Breeder	Herbicide tolerance	Type	% Yield of Check Variety CDC Maxim									MEAN					
<b>CDC Maxim</b>		<b>CDC</b>	<b>CL</b>	<b>SR</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>	<b>100</b>	<b>100</b>				
CDC Carmine	Applied	CDC		SR	104	113	103	125	109	108	103	94	67	103					
CDC Coral	Applied	CDC		SR	114	121	103	108	132	109	109	103	102	111					
CDC Dazil		CDC	CL	SR	95	89	95	92	101	105	108	105	97	98					
CDC Imax		CDC	CL	SR	102	111	103	129	82	100	101	100	82	101					
CDC Nimble	Applied	CDC	CL	SR	111	122	103	101	132	106	112	123	110	113					
CDC Proclaim	PBR'91	CDC	CL	SR	106	93	111	113	88	102	101	103	86	100					
CDC Redmoon	PBR'91	CDC		SR	107	122	106	108	124	113	112	113	81	110					
CDC Scarlet		CDC		SR	102	113	116	123	111	112	112	114	93	111					
CDC Impulse	PBR'91	CDC	CL	MR	112	107	105	124	111	109	111	113	109	111					
CDC KR-2	PBR'91	CDC	CL	MR	98	88	108	98	104	114	107	92	86	99					
CDC Imp	Applied	CDC	CL	ESR	94	85	96	91	99	99	103	106	98	97					
CDC Impala		CDC	CL	ESR	88	100	97	98	105	92	96	100	93	97					
CDC Roxy	Applied	CDC		ESR	87	105	109	92	120	107	108	97	90	102					
CDC Asterix		CDC		ESG	108	108	99	90	82	102	103	101	80	97					
CDC Invincible		CDC	CL	SG	104	106	108	98	99	109	100	101	88	101					
CDC Kermit	PBR'91	CDC		SG-V	107	118	104	98	115	103	107	93	76	102					
CDC Greenstar		CDC		LG	91	74	103	80	110	90	108	99	61	91					
CDC Impower		CDC	CL	LG	79	59	102	94	65	102	93	94	91	87					
CDC Lima	Applied	CDC	CL	LG	88	77	90	91	118	95	108	104	85	95					
CDC Marble		CDC		FG	97	92	108	91	108	116	109	111	86	102					
CDC QG-2		CDC		FG-GC	90	89	87	94	74	99	100	100	83	91					
CDC QG-3	PBR'91	CDC	CL	GC	80	71	80	78	81	83	88	88	87	82					
CDC QG-4	Applied	CDC	CL	GC	94	97	98	96	96	97	98	96	95	96					
CDC SB-3	PBR'91	CDC	CL	SB	109	82	102	98	77	90	89	98	75	91					
SB-4 (IBC 929)	Applied	CDC	CL	SB	106	116	102	112	125	112	113	115	108	112					
% of check for all varieties					99	98	101	101	103	103	104	102	89	100					
<b>CDC Maxim (check variety) yield in bu/ac</b>					<b>36</b>	<b>16</b>	<b>36</b>	<b>13</b>	<b>29</b>	<b>51</b>	<b>65</b>	<b>45</b>	<b>53</b>	<b>38</b>					
CV					13.3	12.5	7.9	15	12.6	7.6	5.7	11.1	14.8						
LSD																			

All varieties included in Varieties of Grain Crops 2019

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