

LENTILS – TRADITIONAL APG ZONES

Market Class	Variety	Overall Yield	Overall Station Years of Testing	Area:						Agronomic Characteristics:					Disease Tolerance: ⁶	
				1		2		5		TSW ² (g)	Plant Height (cm)	Maturity Rating ³	Cotyledon Colour ⁴	Seed Coat Colour ⁵	Ascochyta	Anthracnose
				Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years							
Previously tested varieties (yield and agronomic data only directly comparable to check)																
	CDC Maxim (kg ha-1)	2782		2813		2436		2899								
Small Red	CDC Maxim (CL) ¹	100	32	100	36	100	10	XX	XX	40	34	E/M	R	GR	G	G
Extra Small Red	CDC Impala (CL)	93	20	93	20	XX	XX	XX	XX	31	35	E	R	GR	G	G
	CDC Imperial (CL) [†]	82	17	82	17	XX	XX	XX	XX	30	35	E	R	GR	G	G
	CDC Rosie [†]	97	19	102	17	XX	2	XX	XX	30	35	E/M	R	GR	G	G
	CDC Roxy [Ⓞ]	99	17	97	11	104	4	XX	2	28	33	E/M	R	GR	G	G
Small Red	CDC Dazil (CL)	94	25	93	23	XX	2	XX	XX	34	35	E/M	R	GR	G	F
	CDC Imax (CL)	100	19	100	19	XX	XX	XX	XX	46	37	E/M	R	GR	G	F
	CDC Redberry [†]	96	17	96	17	XX	XX	XX	XX	44	37	E	R	GR	G	G
	CDC Redcliff [†]	110	14	110	14	XX	XX	XX	XX	39	36	E/M	R	GR	G	F
	CDC Scarlet [†]	102	19	105	17	XX	2	XX	XX	38	35	E/M	R	GR	G	F
Large Red	CDC KR-1 [†]	104	23	104	21	XX	2	XX	XX	52	39	M	R	GR	G	G
Small Green	CDC Invincible (CL)	96	28	96	26	XX	2	XX	XX	33	35	E	Y	G	G	G
	CDC Kermit [Ⓞ]	103	8	92	4	XX	2	XX	2	31	32	E/M	Y	G	G	G
Medium Green	CDC Imigreen (CL) [†]	79	14	79	14	XX	XX	XX	XX	61	43	M	Y	G	G	VP
	CDC Impress (CL) [†]	85	14	85	14	XX	XX	XX	XX	52	38	M	Y	G	G	P
Large Green	CDC Greenland	88	14	88	14	XX	XX	XX	XX	67	39	M/L	Y	G	G	VP
	CDC Greenstar	92	9	XX	XX	XX	XX	XX	XX	63	37	M/L	Y	G	G	F
	CDC Impower (CL)	81	23	81	21	XX	2	XX	XX	67	41	M/L	Y	G	G	VP
	CDC Improve (CL)	84	23	84	21	XX	2	XX	XX	71	38	M	Y	G	F	VP

Remarks: Weight, diameter and thickness of lentil seeds were dependent upon environmental conditions and agronomic factors. CL= Clearfield variety. [Ⓞ] = Protected by PBR (UPOV 91). XX = Insufficient data, minimum requirement for a variety is six site years and two years of testing. [†] = marked for removal in 2023. ¹Yields are reported relative to CDC Maxim (CL). CDC Maxim belongs to Small Red Market Class. ²Thousand Seed Weight. ³Maturity: E = Early, M = Medium, L = Late, VL = Very Late. ⁴Cotyledon Color: R = Red, Y = Yellow, G = Green; ⁵Seed Coat Color/Patterns: G=Green, GR=Grey, BR=Brown, FG=French Green,T=Tan, MRB=Marbled. ⁶Disease tolerance: VP = Very Poor, P = Poor, F = Fair, G = Good.

LENTILS – SOIL ZONES

Market Class	Variety	Overall Yield	Overall Station Years of Testing	Soil Zone:				Agronomic Characteristics:					Disease Tolerance: ⁶		
				Brown		Black-mid Season		TSW ² (g)	Plant Height (cm)	Maturity Rating ³	Cotyledon Colour ⁴	Seed Coat Colour ⁵	Ascochyta	Anthracnose	
				Yield (%)	Site Years	Yield (%)	Site Years								
Yield and agronomic data only directly comparable to check															
	CDC Maxim (kg ha-1)														
Small Red	CDC Maxim (CL) ¹	100	32	100	16	100	16	40	34	E/M	R	GR	G	G	
Large Green	CDC Grimm (CL) ^{Ⓞ*}	102	12	80	6	124	6	75	40	M/L	Y	G	MR	MR	
	CDC Lima (CL) [Ⓞ]	103	20	108	10	99	10	67	34	M/L	Y	G	G	VP	
Small green	CDC Jimini (CL) ^{Ⓞ*}	109	13	110	7	108	6	38	36	E/M	Y	G	MR	MR	
Small Red	CDC Impulse (CL) [Ⓞ]	103	20	108	10	99	10	47	36	E/M	R	GR	G	G	
	CDC Nimble (CL) [Ⓞ]	107	20	106	11	107	9	38	35	E/M	R	GR	MR	MR	
	CDC Proclaim (CL) [Ⓞ]	102	32	98	16	105	16	40	35	E/M	R	GR	G	G	
	CDC Simmie (CL) ^{Ⓞ*}	102	20	103	11	100	9	39	34	E/M	R	GR	MR	MR	

Remarks: Weight, diameter and thickness of lentil seeds were dependent upon environmental conditions and agronomic factors. CL= Clearfield variety. [Ⓞ] = Protected by PBR (UPOV 91). ^{Ⓞ*} = pending PBR protection. XX = Insufficient data, minimum requirement for a variety is 6 site years and 2 years of testing. ¹Yields are reported relative to CDC Maxim (CL). CDC Maxim belongs to Small Red Market Class. ²Thousand Seed Weight. ³Maturity: E = Early, M = Medium, L = Late, VL = Very Late. ⁴Cotyledon Color: R = Red, Y = Yellow, G = Green; ⁵Seed Coat Color/Patterns: G=Green, GR=Grey, BR=Brown, FG=French Green,T=Tan, MRB=Marbled. ⁶Disease tolerance: VP = Very Poor, P = Poor, F = Fair, G = Good.