



UNIVERSITY OF  
SASKATCHEWAN

# VEGETABLE CULTIVAR AND CULTURAL TRIALS 2007

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Saskatchewan  
Agriculture  
and Food

## GREEN LEAF LETTUCE 2007

Cultivar	Source	Planting	Marketable yields (t/ha)	Taste	Overall rating	Comments
Amish Deer Tongue	WCS	P1	n/a	2.0	n/a	Attractive smooth leaves, looks like spinach. Crunchy texture, good flavour but slightly bitter (all plantings). Easy to harvest
		P2	15.8	3.0	4.0	
		P3	4.4	3.5	4.0	
Atoll	Park	P1	n/a	2.5	n/a	Attractive, starting to form heads (P1). Small plants with strong flavour (P2). Immature, bitter, poor texture (P3)
		P2	4.4	3.0	2.5	
		P3	0.9	1.5	1.0	
Bambino	WDM	P1	n/a	2.0	n/a	Oak leaf. Bitter (P1), mild flavour, slightly bitter (P2, P3). Very crunchy texture
		P2	8.7	3.0	3.5	
		P3	2.3	2.0	3.5	
Bergam's Green	EG, WG, Os	P1	n/a	3.5	n/a	Sweet flavour, bolting resistant (P1). Bitter, crunchy texture, poor yielding (P2)
		P2	4.5	2.0	2.0	
		P3	---	---	---	
Berenice MTO	J	P1	n/a	---	n/a	Yellowing tips, very bitter, small plants (P2). Mild flavour (P3)
		P2	13.7	1.0	3.5	
		P3	1.1	3.0	2.5	
Black Seeded Simpson	EFG	P1	n/a	3.0	n/a	Mild flavor, bolting resistant (P1). Below average yields (P2, P3). Juicy and crunchy texture
		P2	7.0	1.0	3.0	
		P3	1.0	3.0	2.5	
Envy MI	ST	P1	n/a	1.0	n/a	Attractive, but very bitter. Resistant to bolting (P1). Good flavour at P2 and P3
		P2	4.6	4.0	2.5	
		P3	1.2	3.0	2.5	
Galisse MTO	J	P1	n/a	2.0	n/a	Forming a buttercrunch type of head, bland flavour (P1). Bitter and bland (P2). Bland, soft texture (P3)
		P2	8.4	2.0	3.5	
		P3	3.0	3.0	4.0	
Grand Rapids	EFG	P1	n/a	1.0	n/a	Bitter, lower leaves turning yellow, small heads forming (P1). Bitter flavour (P2). Better flavour and high yielding (P3)
		P2	5.5	1.0	2.0	
		P3	4.3	3.5	4.5	
Green Bay MI	ST	P1	n/a	2.0	n/a	Attractive, holds well. Bitter flavour (P1). Very bitter, dry texture (P2). Bitter but high yielding (P3)
		P2	8.2	1.5	2.5	
		P3	3.1	1.5	3.5	

Green Ice	EFG	P1 P2 P3	n/a 1.0 ---	1.5 1.5 ---	n/a 0.5 ---	Lower leaves turning yellow, unattractive, bitter (P1). Small plants, bitter, very low yield (P2). 10% stand, not harvested (P3)
Green Star	TL, SG	P1 P2 P3	n/a 6.6 1.0	2.0 2.0 3.5	n/a 2.5 2.5	Small plants, dark green, attractive, slightly bitter (P1, P2). Good flavour by P3, but low yielding
Jack Ice	WCS	P1 P2 P3	n/a 11.9 3.3	1.0 1.5 1.0	n/a 3.0 3.5	Small iceberg type, bitter, bolts early (P1). Crunchy, bitter, high yielding (P2, P3)
<b>Krizet RZ</b>	<b>ZW</b>	P1 <b>P2</b> P3	n/a <b>8.1</b> ---	3.5 <b>3.5</b> ---	n/a <b>4.0</b> ---	<b>Large, ruffled oak leaf type, very attractive. Resistant to bolting. Slightly bland, but no bitterness (P1, P2)</b>
Locamo RZ	ZW	P1 P2 P3	n/a 5.4 1.8	3.5 2.5 3.5	n/a 2.0 3.5	Forming small, dense heads, slightly bitter (P1). Very short plants, bitter (P2). Sweet, juicy, crunchy (P3)
Lollo Bionda	WDM	P1 P2 P3	n/a 5.0 1.0	3.5 1.0 3.0	n/a 2.0 2.0	Lower leaves yellowing, slight tip burn, mild flavour (P1). Very bitter, short plants (P2). Crunchy texture, slight tip burn, poor stand (P3)
Maer Qing	AH	P1 P2 P3	n/a 1.5 0.3	2.0 2.5 3.5	n/a 1.5 1.5	Lower leaves turning yellow, unattractive, bitter (P1). Poor stand, low yields (P2, P3).
<b>Marin</b>	<b>OS, ORS</b>	P1 <b>P2</b> <b>P3</b>	n/a <b>12.0</b> <b>2.5</b>	3.5 <b>2.5</b> <b>4.0</b>	n/a <b>4.0</b> <b>4.5</b>	<b>Bolting resistant, small spines along leaf margin (P1). High yielding, juicy, slightly little bitter (P2). Excellent flavour and yield (P3)</b>
<b>Average</b>		P1 P2 P3	n/a <b>7.6</b> <b>2.0</b>	<b>2.4</b> <b>2.4</b> <b>2.5</b>	n/a <b>2.9</b> <b>2.9</b>	
<b>Bold</b> = Recommended in 2007 --- data not available		Spacing: In row - 5 cm Between row - 50 cm		Taste/overall rating: 1 - poor 5 - excellent		
n/a = Poor stand (<30%) for all cultivars in P1. Tasted, but not harvested.						

**GREEN LEAF LETTUCE 2007**  
*continued*

Cultivar	Source	Planting	Marketable yields (t/ha)	Taste	Overall rating	Comments
Multy	T+M	P1	n/a	2.5	n/a	Attractive, very bitter, soft texture (P1). Poor flavour (P2).
		P2	1.5	1.0	1.0	
		P3	---	---	---	
Nevada	Os	P1	n/a	---	n/a	Firm leaves, bitter, poor stand (P2). Attractive, crunchy, bitter, poor stand (P3)
		P2	2.7	2.5	1.5	
		P3	2.5	2.0	3.0	
Oak Leaf	SW	P1	n/a	3.0	n/a	Weak plants, damaged by wind. Good flavour, slightly bitter, below average yields (P2, P3)
		P2	6.0	3.5	2.5	
		P3	1.7	1.0	2.0	
Pacifica	ORS	P1	n/a	3.0	n/a	Sweet flavour, slightly bitter aftertaste (P1, P2). Excellent yields (P2, P3)
		P2	12.5	3.0	4.0	
		P3	2.5	3.5	4.0	
Prize Head	EFG	P1	n/a	4.0	n/a	Good flavour, poor texture, Red leaf margins. Many bolting plants (P1). Excellent flavour (P1, P2), excellent yields, juicy (P2, P3)
		P2	10.5	4.0	4.5	
		P3	3.2	2.0	4.0	
Royal Oak Leaf	WDM	P1	n/a	3.5	n/a	Large unattractive plants. Uniform size, slightly sweet (P1). Bitter, tender texture (P2, P3)
		P2	11.1	2.0	3.5	
		P3	2.4	1.0	3.5	
Salad Bowl	EFG	P1	n/a	3.0	n/a	Bolting resistant, mild flavour (P1). High yielding (P2, P3)
		P2	11.8	3.5	4.5	
		P3	3.1	2.0	3.5	
Scottsdale	ORS	P1	n/a	1.0	n/a	Bitter (P1). Small plants, poor yielding (P2). Very poor stand (P3)
		P2	4.6	2.0	2.0	
		P3	0.1	1.0	1.0	
Shining Star	WDM, Os	P1	n/a	3.0	n/a	Attractive, compact plants, forming heads. Mild flavour (P1, P2). Slightly bitter, tender leaves (P3)
		P2	6.2	3.0	2.5	
		P3	3.0	2.0	4.0	
Simpson Elite	ST	P1	n/a	1.0	n/a	Bright yellow-green, very bitter (P1). Juicy, excellent flavour (P2). Slightly bitter (P3)
		P2	11.5	4.0	3.5	
		P3	1.1	2.0	2.0	

Tango	J, Ve	P1 P2 P3	n/a 5.1 0.3	1.0 1.0 3.0	n/a 2.0 1.5	Attractive crinkled leaf. Early to bolt, very bitter (P1). Bitter (P2). OK flavour, poor stand (P3)
Tropicana MTO	J	P1 P2 P3	n/a 9.7 1.4	4.0 2.0 2.5	n/a 3.5 2.5	Excellent flavour (P1), bitter by P2 and P3
<b>Two Star</b>	<b>SW</b>	<b>P1</b> <b>P2</b> <b>P3</b>	n/a <b>9.6</b> <b>4.5</b>	1.0 <b>5.0</b> <b>2.5</b>	n/a <b>4.5</b> <b>4.0</b>	<b>Very bitter, slight tip burn (P1). Excellent flavour (P2), Excellent stand and yield (P3)</b>
Unisun	ORS	P1 P2 P3	n/a 7.1 0.4	3.0 2.5 1.5	n/a 2.5 1.5	Variable flavour, bitter and sweet (P1). Bitter, crunchy, juicy (P2, P3)
Waldmann's Dark Green	J	P1 P2 P3	n/a 9.1 0.7	1.0 3.0 3.0	n/a 3.5 2.0	Very bitter, crunchy texture (P1). Ok flavour but poor texture (P2). Good flavour and crunchiness (P3)
<b>Average</b>		<b>P1</b> <b>P2</b> <b>P3</b>	<b>n/a</b> <b>7.6</b> <b>2.0</b>	<b>2.4</b> <b>2.4</b> <b>2.5</b>	<b>n/a</b> <b>2.9</b> <b>2.9</b>	
<p><b>Bold = Recommended in 2007</b>  --- data not available</p> <p>n/a = Poor stand (&lt;30%) for all cultivars  in P1. Tasted, but not harvested.</p> <p>Date seeded: P1 - May 8  P2 - Jun. 29  P3 - Aug. 3</p> <p>Date harvested: P1 - Jul. 3  P2 - Jul. 31  P3 - Sep. 13</p> <p>Taste/overall rating: 1 - poor  5 - excellent</p> <p>Spacing: In row - 5 cm  Between row - 50 cm</p>						