



UNIVERSITY OF  
SASKATCHEWAN

# VEGETABLE CULTIVAR AND CULTURAL TRIALS 2005

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Saskatchewan  
Agriculture  
and Food

## RADISH: TWO PLANTING DATES 2005

Cultivar	Source	Planting	Date of 50% Harvest	Marketable Yields								% Unmkt	% Bolting	Overall Rating	Comments
				Small		Medium		Large		Oversize					
				000/ha	t/ha	000/ha	t/ha	000/ha	t/ha	000/ha	t/ha				
Altabelle	ST	1	June 27	60.0	0.42	123.3	1.42	18.3	0.45	0.0	0.0	1.8	54.2	2	Variable size, woody, variable heat, bolts
		2	Aug. 18	58.3	0.4	245.0	4.5	113.3	3.6	50.0	1.7	9.1	0	4	Good yields & flavour, mild, uniform shape (1&2)
Altaglobe	ACS, WCS	1	July 5	31.7	0.18	40.0	0.47	3.3	0.10	0.0	0.0	1.0	77.2	2	Good flavour: no bitterness, bolts, poor yields
		2	Aug. 18	95.0	0.5	231.7	4.9	60.0	2.0	0.0	0.0	4.5	0	4	Early, good medium yields & flavour, mild
Brio	SW	1	June 27	48.3	0.32	285.0	4.05	25.0	0.75	0.0	0.0	18.9	23.9	4.5	Crispy, juicy, mild, excellent yields & uniformity
		2	Aug. 18	18.3	0.2	170.0	3.8	180.0	4.5	98.3	4.9	9.7	0	4.5	Early, good medium-oversize yields, good flavour, uniform size & shape
Burpee White	EFG	1	June 27	41.7	0.33	58.3	1.27	0.0	0.00	0.0	0.0	52.3	20.7	3	Excellent flavour: mild, juicy, crunchy, poor yields
		2	Aug. 18	43.3	0.5	115.0	2.8	70.0	3.3	26.7	2.0	12.1	0	3.5	Good flavour, mild, uniform size & shape, larger roots
Cabernet	NOR	1	June 27	41.7	0.27	176.7	2.58	28.3	0.85	0.0	0.0	33.3	14.7	3	Good yields, crispy but bland, variable heat
		2	Aug. 18	15.0	0.1	156.7	3.5	215.0	7.5	80.0	3.6	3.4	0	4	Very early, excellent yields, one harvest only, tough skin, variable flavour & heat
Champion	EFG	1	June 27	30.0	0.13	76.7	1.02	25.0	0.63	0.0	0.0	34.2	39.5	3	Good flavour: small roots are hot, large roots are mild, tough skin
		2	Aug. 18	46.7	0.3	175.0	3.6	126.7	4.5	33.3	1.7	7.3	0	4.5	variable size & shape Early, good yields & flavour, crunchy, juicy
Cherriette	DOM	1	June 27	30.0	0.68	170.0	3.20	3.3	0.12	0.0	0.0	52.4	16.7	3	Good yields, mild flavour but bitter, has after-burn, crunchy, uniform shape, high unmarketable
		2	Aug. 18	25.0	0.2	116.7	2.7	121.7	4.4	41.7	2.1	3.2	1	3	Early, larger roots, variable size
Cherry Belle	WDM	1	June 27	31.7	0.18	25.0	0.47	0.0	0.00	0.0	0.0	17.4	70.5	2	Poor yields, bolts, tough skin, woody, bitter
		2	Aug. 18	66.7	0.6	186.7	4.3	126.7	5.4	40.0	2.7	8.1	0	2	Excellent yields, unattractive, variable shape, size & colour: purple, pink & red roots, poor flavour
Cherry Red	TOK	1	July 5	13.3	0.07	5.0	0.08	0.0	0.00	0.0	0.0	22.8	71.5	1	Late, poor yields, bolts
		2	---	---	---	---	---	---	---	---	---	---	---	---	---
Comet	EFG	1	June 27	0.0	0.00	1.7	0.02	0.0	0.00	0.0	0.0	8.5	91.1	1	Bolts early, small roots, uniform shape
		2	Aug. 18	81.7	0.6	198.3	4.6	111.7	4.3	55.0	3.0	10.1	0	3.5	Excellent yields, average quality
Crunchy Royale ***	ST,OT	1	June 27	46.7	0.32	93.3	1.63	35.0	1.02	0.0	0.0	41.0	25.9	2.5	Good large yields, mild, bitter, tough skin
		2	Aug. 18	88.3	0.6	193.3	3.8	105.0	4.0	41.7	2.3	3.7	0	3	Good yields, bland, root tips tend to be thick (not attractive),
D'Avignon White Tipped	NOR	1	June 20	18.3	0.08	275.0	3.38	11.7	0.27	0.0	0.0	8.4	1.0	4	Early, excellent yields, bland, uniform size & shape, roots curved
		2	Aug. 18	31.7	0.3	143.3	3.1	83.3	2.6	41.7	1.6	5.3	0	2.5	Early, uniform size & shape, some roots are woody
Early Scarlet Globe	BUR	1	June 27	5.0	0.03	46.7	0.63	0.0	0.00	0.0	0.0	12.0	74.2	1	Tough skin, woody, poor yields, bolts
		2	Aug. 18	85.0	0.5	181.7	3.1	100.0	2.9	36.7	1.5	10.0	0	2.5	Uniform size & shape (1&2), bitter, small roots
Easter Egg ***	EFG	1	July 5	30.0	0.20	63.3	1.18	6.7	0.18	0.0	0.0	33.4	48.3	2.5	Late, uniform shape & size; purple, pink, red & white roots but most roots were white, poor yields
		2	Aug. 18	46.7	0.3	133.3	2.8	106.7	4.3	35.0	2.2	13.1	0	3	Average yields
Easter Egg II ***	DOM, WCS	1	June 27	11.7	0.05	20.0	0.27	6.7	0.08	0.0	0.0	50.0	18.1	1	Poor yields, variable heat: white roots are hot, small roots are bland, 50% unmarketable, lacks uniformity
		2	Aug. 30	40.0	0.3	60.0	1.1	28.3	0.9	0.0	0.0	10.5	0	2	Poor stand, poor yields, bitter

## RADISH: TWO PLANTING DATES 2005

Fireball ***	ST	1	July 5	13.3	0.08	43.3	0.48	0.0	0.00	0.0	0.0	32.9	22.4	3	Late, crunchy, good flavour, poor stand & yields
		2	Aug. 30	<b>123.3</b>	<b>0.6</b>	<b>266.7</b>	<b>4.5</b>	<b>128.3</b>	<b>4.3</b>	<b>23.3</b>	<b>1.1</b>	<b>4.4</b>	<b>0</b>	<b>4</b>	<b>Late, excellent yields, average taste, uniform size/shape</b>
Flamboyant Sabina	T+M	1	June 20	113.3	0.18	178.3	2.02	0.0	0.00	0.0	0.0	3.8	0.0	2.5	Early, good small & medium yields, resists bolting, uniform, unattractive (long, hairy root), poor texture: spongy & woody
		2	---	---	---	---	---	---	---	---	---	---	---	---	Not planted
Fluo White Tipped	NOR	1	June 20	5.0	0.02	173.3	2.10	0.0	0.00	0.0	0.0	0.0	0.0	2	Early, good yields, resists bolting, poor stand, bland, woody, root tops are above ground & soft.
		2	Aug. 18	13.3	0.1	48.3	0.9	45.0	1.4	0.0	0.0	4.5	0	2	Poor yields, red roots with white tips, uniform size & shape
French Breakfast ***	EFG	1	June 27	161.7	0.93	363.3	4.08	33.3	0.82	0.0	0.0	11.1	6.4	3.5	Excellent yields, lacks uniformity, variable heat, red roots with white tips
		2	Aug. 18	<b>125.0</b>	<b>0.6</b>	<b>305.0</b>	<b>5.0</b>	<b>96.7</b>	<b>2.5</b>	<b>1.7</b>	<b>0.2</b>	<b>0.0</b>	<b>0</b>	<b>4</b>	<b>Attractive, few oversize, excellent yields</b>
Galahad ***	ST	1	June 27	<b>26.7</b>	<b>0.17</b>	<b>233.3</b>	<b>3.00</b>	<b>15.0</b>	<b>0.52</b>	<b>0.0</b>	<b>0.0</b>	<b>2.8</b>	<b>4.0</b>	<b>4.5</b>	<b>Excellent yields, crunchy, variable heat, resists bolting</b>
		2	Aug. 18	21.7	0.7	68.3	1.3	80.0	2.4	43.3	1.9	17.4	0	3.5	Early, crunchy, good flavour, poor yields, Low unmkt
Gaudry II	WDM	1	June 27	66.7	0.28	228.3	2.82	0.0	0.00	0.0	0.0	19.4	24.2	3.5	Good yields & flavour, nice texture, uniform shape & size, poor color - pink or red roots with white tips
		2	Aug. 18	25.0	0.3	175.0	2.9	76.7	2.1	18.3	0.7	8.8	0	3	Good medium yields & flavour
Jumbo	EFG	1	June 27	41.7	0.32	141.7	2.17	0.0	0.00	0.0	0.0	7.5	46.9	2	Difficult to determine when ready, tough, bitter, woody, dry, unattractive hairy roots
		2	Aug. 18	61.7	0.6	56.7	0.9	121.7	4.3	110.0	5.6	12.5	0	3.5	Early, large roots
Mascot	KY	1	---	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.0	0.4	99.6	1	Roots either bolted or maggot damaged
		2	Aug. 18	<b>175.0</b>	<b>2.5</b>	<b>151.7</b>	<b>4.9</b>	<b>131.7</b>	<b>7.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.3</b>	<b>0</b>	<b>4.5</b>	<b>Excellent yields, good flavour, mild &amp; crispy, small tops for root size</b>
Ming Ho	KY	1	---	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.0	0.0	100.0	1	All plants bolted at both planting dates
		2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	1	
Mister Red ***	ST	1	June 27	73.3	1.80	288.3	3.92	1.7	0.05	0.0	0.0	6.9	4.1	3	Excellent small & medium yields, attractive, nice color, uniform shape & size, extremely bitter
		2	Aug. 30	21.7	0.1	70.0	1.0	11.7	0.2	0.0	0.0	7.5	0	2	Late, slightly woody, bland, poor yields
Monica ***	WG	1	June 20	<b>50.0</b>	<b>0.32</b>	<b>191.7</b>	<b>2.83</b>	<b>10.0</b>	<b>0.45</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.2</b>	<b>4</b>	<b>Early, good medium yields, uniform maturity, easy to harvest, slightly bitter</b>
		2	Aug. 18	25.0	0.1	95.0	1.5	76.7	2.9	41.7	2.6	4.7	0	2	Large roots tend to be triangular shape, poor texture
Pink Beauty	J	1	June 27	101.7	0.55	138.3	1.60	3.3	0.10	0.0	0.0	4.3	42.8	3	Good flavour, crispy, attractive pink color, uniform size & shape, good small yields, 42% bolting
		2	Aug. 18	73.3	0.3	118.3	2.1	76.7	2.6	0.0	0.0	11.5	0	2.5	Roots are small, good flavour, mild, attractive pink color
Poker	DOM	1	June 27	<b>96.7</b>	<b>3.38</b>	<b>321.7</b>	<b>3.02</b>	<b>0.0</b>	<b>0.00</b>	<b>0.0</b>	<b>0.0</b>	<b>7.2</b>	<b>30.3</b>	<b>4.5</b>	<b>Attractive, strong flavour: hot &amp; spicy</b>
		2	Aug. 18	133.3	0.6	318.3	4.9	85.0	2.2	5.0	0.2	1.8	0	3.5	Attractive, good color & shape, excellent small & medium yields (P1&2), slightly woody
Raxe ***	WDM	1	June 27	80.0	0.43	341.7	4.93	96.7	3.38	0.0	0.0	14.8	11.0	3	Attractive, excellent yields, resists bolting, can be tasty but small roots are rubbery
		2	Aug. 18	48.3	0.2	101.7	2.0	43.3	1.4	26.7	1.4	14.8	0	2	Rubbery texture, poor yields, 14% unmarketable

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Cultivar	Source	Planting	Date of 50% Harvest	Marketable Yields								% Unmkt	% Bolting	Overall Rating	Comments
				Small		Medium		Large		Oversize					
				000/ha	t/ha	000/ha	t/ha	000/ha	t/ha	000/ha	t/ha				
<b>Rebel ***</b>	NOR	1	June 27	<b>58.3</b>	<b>0.32</b>	<b>261.7</b>	<b>0.43</b>	<b>30.0</b>	<b>0.72</b>	<b>0.0</b>	<b>0.0</b>	<b>14.2</b>	<b>11.0</b>	<b>4.5</b>	<b>Good flavor: slight after-burn, excellent yields, resists bolting, uniform shape</b>
		2	Aug. 18	16.7	0.1	28.3	0.5	35.0	1.2	20.0	1.0	18.9	0	2	Poor stand, many unmarketable
<b>Red Boy</b>	ST	1	June 27	71.7	0.25	103.3	1.27	0.0	0.00	0.0	0.0	1.9	69.6	2.5	Small roots, tends to be dry & woody
		2	<b>Aug. 18</b>	<b>33.3</b>	<b>0.4</b>	<b>146.7</b>	<b>3.5</b>	<b>115.0</b>	<b>4.3</b>	<b>46.7</b>	<b>2.4</b>	<b>4.2</b>	<b>0</b>	<b>4</b>	<b>Early, above average yields</b>
<b>Red Pearl Saxa</b>	WDM	1	June 27	<b>50.0</b>	<b>0.30</b>	<b>160.0</b>	<b>2.38</b>	<b>31.7</b>	<b>0.92</b>	<b>0.0</b>	<b>0.0</b>	<b>8.6</b>	<b>43.8</b>	<b>4</b>	<b>Good radish flavour: crispy &amp; juicy, good yields</b>
		2	Aug. 18	45.0	0.3	113.3	1.9	125.0	4.3	98.3	6.3	3.4	0	3.5	Early, large roots - tend to be triangular, good flavour, variable shape
<b>Reggae</b>	SW	1	July 5	83.3	0.52	200.0	3.07	30.0	0.65	0.0	0.0	29.1	15.1	4	Good yields, uniform shape & size, variable flavour & heat, tends to be woody, unmkt due to maggot damage,
		2	<b>Aug. 18</b>	<b>75.0</b>	<b>0.4</b>	<b>236.7</b>	<b>5.4</b>	<b>118.3</b>	<b>4.6</b>	<b>30.0</b>	<b>6.8</b>	<b>0.7</b>	<b>0</b>	<b>4.5</b>	<b>Early, excellent yields, good flavour, uniform</b>
Rudolf	Ve	1	June 27	148.3	0.88	266.7	3.63	30.0	0.68	0.0	0.0	17.1	21.2	<b>4.5</b>	Attractive, excellent yields, good flavour: spicy
		2	---	---	---	---	---	---	---	---	---	---	---	---	Not planted
Scarlet Globe Special	ST	1	June 27	41.7	0.37	123.3	2.15	16.7	0.57	0.0	0.0	12.4	39.4	2.5	Uniform size, difficult to determine maturity, hairy roots, bitter
		2	Aug. 18	30.0	0.2	68.3	1.3	100.0	4.1	78.3	4.7	1.8	0	3	Early, long large roots, rough shoulders, good flavour, uniform
<b>Sora ***</b>	J	1	June 27	<b>95.0</b>	<b>0.67</b>	<b>241.7</b>	<b>3.42</b>	<b>40.0</b>	<b>1.02</b>	<b>0.0</b>	<b>0.0</b>	<b>5.0</b>	<b>7.4</b>	<b>4.5</b>	<b>Excellent yields, uniform size &amp; shape, sweet &amp; mild</b>
		2	Aug. 18	1.7	0.0	38.3	0.9	55.0	2.0	53.3	3.0	6.3	0	3	Early, attractive large variety, below average yields
Sparkler	EFG	1	---	11.7	0.03	10.0	1.05	0.0	0.00	0.0	0.0	23.7	72.5	1	Bolts early, small roots, unattractive
		2	Aug. 18	105.0	1.0	175.0	4.2	80.0	3.3	25.0	1.7	13.2	1	2.5	Good yields but unattractive, many unmarketable
Spring Harmony	KY	1	---	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.0	0.0	100.0	1	All bolted
		2	Aug. 30	15.0	0.2	20.0	0.8	3.3	0.4	0.0	0.0	8.0	81	1.5	Late, daikon radish, bolts, tough texture
<b>Tinto ***</b>	SW	1	June 27	15.0	0.08	351.7	4.42	5.0	0.05	0.0	0.0	12.2	10.1	2.5	Attractive but small, uniform size & shape, rubbery texture, bland
		2	<b>Aug. 18</b>	<b>26.7</b>	<b>0.3</b>	<b>245.0</b>	<b>5.4</b>	<b>216.7</b>	<b>7.2</b>	<b>41.7</b>	<b>2.1</b>	<b>3.3</b>	<b>0</b>	<b>4</b>	<b>Early, attractive, matures in 1 harvest, excellent yields</b>
White Icicle	EFG	1	---	1.7	0.08	0.0	0.00	0.0	0.00	0.0	0.0	3.2	96.4	1	Bolts
		2	Aug. 30	65.0	1.0	81.7	3.4	75.0	5.0	11.7	1.6	4.1	29	3	Daikon radish, hairy roots, bolts
<b>Average</b>		1	June 27	<b>46.2</b>	<b>0.38</b>	<b>145.5</b>	<b>1.91</b>	<b>12.7</b>	<b>0.36</b>	<b>0.0</b>	<b>0.0</b>	<b>15.7</b>	<b>38.2</b>	<b>2.7</b>	
<b>Average</b>		2	Aug. 20	<b>54.1</b>	<b>0.4</b>	<b>141.5</b>	<b>2.9</b>	<b>93.1</b>	<b>3.3</b>	<b>33.9</b>	<b>2.0</b>	<b>7.4</b>	<b>5.7</b>	<b>3.1</b>	

**Bold** = Recommended in 2005

\*\*\* = Previously recommended

--- = Data not available

### Planting 1

Date seeded: May 4, 2005

Date of first harvest: June 20, 2005

Date of final harvest: July 5, 2005

### Planting 2

Date seeded: July 18, 2005

Date of first harvest: August 18, 2005

Date of final harvest: September 8, 2005

Spacing: In row - 2cm

Between row - .5m

Overall Rating: 1 - poor

5 - excellent