

Direct Seeded Broccoli 2010

Cultivar	Source	Date of 50% Harvest	Marketable Yield		Head Characteristics							Overall Rating	Comments
			000/ha	t/ha	Colour	Bead	Length (cm) ± SD	Width (cm) ± SD	Average Wt. (g)	% Hollow	% Interleaf		
003-SBB	Sie	Aug. 24	7.5	3.1	DG	C	14.0 ± 3.3	17.5 ± 3.9	411.7	50	50.0	1.5	Poor stand and yields, variable head size
25-455 R2	ZW	Aug. 25	30.0	10.6	N/A	N/A	11.0 ± 1.7	15.1 ± 2.5	351.7	N/A	N/A	3.0	Moderate yields
25-456 R2	ZW	Sept. 4	32.5	14.9	N/A	N/A	N/A	N/A	458.8	N/A	N/A	3.5	Late, good yields, dense heads
Alborada F1	BJ	Aug. 25	8.8	3.3	N/A	N/A	N/A	N/A	371.4	N/A	N/A	1.5	Poor stand and yields
Arcadia ***	Ve	Aug. 24	22.5	8.4	LG/BG	VF	9.7 ± 1.5	12.0 ± 1.8	371.7	N/A	N/A	2.5	Variable colour, moderate yields
Athlete	PALM	Aug. 25	32.5	10.6	G	VF	8.6 ± 1.5	12.8 ± 1.7	327.3	85	46	2.5	High % hollow stems and interleafing
Batavia F1	BJ	Aug. 17	26.3	9.0	G	F/M	8.1 ± 1.5	10.5 ± 3.0	343.8	57	52	2.5	Early, high % interleafing
Baton	PALM	Aug. 20	33.8	12.4	LYG/G	VF	7.1 ± 1.8	12.6 ± 2.3	366.7	96	56	3.0	Good yields, colour varied through season
Bay Meadows	Sie	Aug. 25	32.5	10.1	DG	F	6.9 ± 1.1	10.6 ± 1.7	311.5	54	19	3.5	Moderate yields, attractive dark coloured heads
Beaumont F1	BJ	Sept. 4	30.0	10.5	G	F	7.0 ± 1.0	11.7 ± 1.5	350.4	33	13	3.0	Late
Belstar F1 ***	BJ	Aug. 25	25.0	8.4	G	VF	7.2 ±	12.5 ± 2.9	337.5	60	20	2.5	High % hollow stems
Bravado	ORS	Aug. 25	35.0	12.4	LG	VF	6.5 ± 1.0	11.8 ± 1.4	354.6	64	54	3.0	Good yields, uniform heads, high % hollow stems
Calabrese	T+T	Aug. 24	22.5	5.3	G/DG	C	12.4 ± 4.1	14.6 ± 4.0	236.1	22	44	2.5	Poor yield, unattractive, high % interleafing
Captain ***	OT	Aug. 9	40.0	11.0	LBG	F	7.3 ± 0.9	12.2 ± 2.1	274.1	66	6	4.0	Early, good yields, high % hollow stems
Chief	WDM	Aug. 17	46.3	11.1	G/DG	M	6.9 ± 1.3	10.8 ± 2.0	240.8	0	16	3.5	Early, good stand, small heads, colour LG to DG
Coronado Crown ***	OT	Aug. 24	36.3	12.1	LG/G	F	7.8 ± 2.3	13.6 ± 3.5	334.8	21	24	4.0	Early, good yields, attractive heads
Destiny	Sie	Aug. 17	41.3	11.6	LG	F	7.7 ± 1.5	11.0 ± 2.1	281.2	0	12	3.5	Good stand, attractive heads but light
Diplomat	Sie/SW	Aug. 24	36.3	14.5	G	M	8.3 ± 1.4	12.0 ± 2.2	401.0	38	52	3.5	Good yields, large heads, high % interleafing
Early Dividend ***	OT	Aug. 9	42.5	9.8	G	F/M	7.3 ± 1.7	12.2 ± 2.5	229.4	38	6	4.0	Early. Loose heads
Emerald Crown	Sie	Aug. 17	48.8	12.2	G	F/M	8.1 ± 1.2	11.0 ± 1.4	250.5	0	21	4.5	High yields, small stand, nice looking heads
Eureka ***	ST	Aug. 25	37.5	14.5	LG	F	10.0 ± 1.9	14.3 ± 2.5	386.3	40	33	4.0	Good yields, light coloured heads
Everest ***	Sie / SW	Aug. 17	53.8	14.9	LG/G	M	7.5 ± 1.9	12.0 ± 2.0	277.2	37	33	4.5	Early. High yields, good colour
Express	ORS	Aug. 9	35.0	7.0	G	M	7.4 ± 1.4	11.6 ± 2.5	198.6	25	0	3.0	Early, small attractive heads, no interleafing
Goliath	EFG	Aug. 25	31.3	13.4	G/DG	M	9.1 ± 2.2	15.0 ± 3.2	427.2	64	48	3.5	Good yields, large heads, high % hollow stems
Green Belt	Sie	Aug. 24	28.8	9.0	G	VF	8.0 ± 2.3	12.0 ± 1.8	312.2	22	57	3.0	Moderate yields, high % interleafing
Green Magic	Sie/SW	Aug. 17	41.3	11.3	DBG	M	8.7 ± 1.6	11.3 ± 2.4	273.9	0	24	3.5	Good stand and yields, attractive blue-green heads

Direct Seeded Broccoli 2010

continued

Cultivar	Source	Date of 50% Harvest	Marketable Yield		Head Characteristics							Overall Rating	Comments
			000/ha	t/ha	Colour	Bead	Length (cm) ± SD	Width (cm) ± SD	Average Wt. (g)	% Hollow	% Interleaf		
Gypsy	Sie/SW	Aug. 17	38.8	14.2	DG	M	7.8 ± 1.3	12.0 ± 2.1	365.8	42	35	3.5	Good yields, dense heads
Hallmark F1	BJ	N/A	17.5	18.6	N/A	N/A	N/A	N/A	1062.9	0	0	3.0	Very late, big heads
Hurdle	PALM	Aug. 17	11.3	6.7	LG	VF	8.4 ± 1.9	13.0 ± 3.6	552.2	89	89	1.0	Poor yields, large unattractive heads, high %
Imperial	SW	Aug. 17	33.8	7.2	MBG	M	8.1 ± 1.9	11.5 ± 2.1	213.0	4	0	3.0	Poor yields, small heads
Ironman	ST	Aug. 24	41.3	15.1	LG	VF	6.9 ± 1.5	10.6 ± 1.2	366.1	15	42	4.0	Late. Exceptional yields, high % interleafing
Italian Sprouting	EFG	Aug. 31	7.5	1.6	BG	C	8.3 ± 1.5	11.7 ± 1.2	208.3	30	30	1.5	Late. Poor yields, loose unattractive heads
Major	SW	Aug. 9	47.5	16.0	LBG	M	7.8 ± 2.1	12.9 ± 4.0	336.2	47	8	4.5	Early. Exceptional stand and yield
Marathon ***	TW/SW	Aug. 31	21.3	9.1	G	M/C	N/A	N/A	426.5	76	41	3.0	Late. High % hollow stems and interleafing
Olympia	Sie	Aug. 24	5.0	2.8	LG	F	7.5 ± 0.5	13.3 ± 1.7	550.0	100	100	1.0	Late. Poor yield, high % hollow stems and interleafing
Packman	WDM/SW	Aug. 9	38.8	9.2	LBG	M	8.4 ± 1.4	13.0 ± 3.0	236.1	26	3	3.0	Moderate yields
Patriot ***	TW	Aug. 24	33.8	13.4	LG/G	F	9.2 ± 2.3	12.5 ± 3.0	397.8	26	48	4.0	Good yields, light color, high % interleafing
Patron	Ve	Aug. 24	27.5	10.5	G	VF/F	9.7 ± 2.0	13.6 ± 2.7	383.2	32	55	3.0	Moderate yields, high % interleafing
Pentagon	Sie	Aug. 24	38.8	12.2	G/DG	M/C	11.1 ± 4.1	15.1 ± 4.0	314.8	42	35	3.5	Good yields, variable sized dense heads
Premium Crop	OT	Aug. 17	36.3	9.6	G	F/M	7.9 ± 1.6	12.0 ± 1.6	265.9	34	24	3.5	Moderate yields
Relay	PALM	Aug. 25	11.3	5.7	LG	F	N/A	N/A	502.2	67	56	1.0	Late. Poor yields, high % hollow stems
Santa Anita 217	Sie	Aug. 24	33.8	14.2	G	F/M	7.1 ± 1.2	12.1 ± 2.1	420.7	37	11	4.0	High yields, dense heads
Sarasota	Sie	Sept. 8	18.8	8.1	N/A	N/A	N/A	N/A	434.0	47	0	2.5	Late
Stryker	ORS	Aug. 24	25.0	8.2	LG/G	F	6.1 ± 1.3	11.5 ± 1.7	329.0	50	50	2.5	Late. High % hollow stems and interleafing
Super Cuts	Sie	Aug. 17	27.5	8.0	BG	C	9.1 ± 3.2	13.4 ± 3.8	290.9	68	41	2.5	High % hollow stems and interleafing, loose heads
TBR-1	Sie	Sept. 8	15.0	5.8	N/A	N/A	N/A	N/A	385.0	33	8	1.5	Late. Poor stand and yields
TBR-2	Sie	Aug. 31	36.3	15.5	G/DG	F	7.9 ± 2.9	13.9 ± 4.3	428.6	62	31	3.5	Late. Poor yields, large heads
TBR-402	Sie	Aug. 17	40.0	14.6	BG	F	N/A	N/A	363.8	94	13	3.5	High yields, exceptionally high % hollow stems
Windoor	SW	Aug. 20	36.3	10.6	BG	M	8.9 ± 1.5	12.2 ± 1.7	291.0	62	59	3.0	Moderate yields, high hollow stem and interleafing
Windsor	WDM	Aug. 24	40.0	11.7	DG	M	8.5 ± 2.9	12.0 ± 2.1	291.9	59	78	3.5	High % hollow stems and interleafing
Average		Aug. 19	30.7	10.3			8.4 ± 1.8	12.3 ± 2.4	356.4	44.5	33.7	3.0	

*** = Previously recommended
Bold = Recommended in 2010

Date seeded: May 27
 Date of first harvest: August 6
 Date of final harvest: September 22

Colour: L = Light
 G = Green
 B = Blue
 D = Dark

Bead: VF = Very fine
 F = Fine
 M = Medium
 C = Coarse

Overall 1 = Poor
 Rating: 5 = Excellent

Spacing: In row: 30 cm
 Between row: 1.0 m

SD = The larger the SD, the greater the variability in head size

Transplanted Broccoli 2010

Cultivar	Source	Date of 50% Harvest	Marketable Yield		Head Characteristics							Overall Rating	Comments
					000/ha	t/ha	Colour	Bead	Length (cm) ± SD	Width (cm) ± SD	Average Wt. (g)		
003-SBB	Sie	Jul-29	9.4	1.9	DG	VC	9.8 ± 2.8	13.8 ± 3.0	203.3	0	11	1.0	Early. Poor stand and yields, some interleafing
25-455 R2	ZW	Aug-03	17.7	7.3	LG	F	7.8 ± 2.4	13.3 ± 3.1	412.9	6	0	2.5	Moderate yields, light colour dense heads
25-456 R2	ZW	Aug-03	24.0	7.7	G	F	5.7 ± 1.3	10.8 ± 2.4	320.9	13	0	3.0	Attractive dense heads
Alborada F1	BJ	Aug-09	22.9	6.4	G	M	7.8 ± 2.4	9.7 ± 2.1	280.5	5	0	3.0	Moderate yields, small heads
Arcadia ***	Ve	Aug-03	25.0	7.3	G	M	8.7 ± 1.6	12.8 ± 2.0	293.8	8	0	3.0	Moderate yields, attractive heads
Athlete (DPS 135)	PALM	Jul-26	26.0	7.5	G	F	8.8 ± 1.7	12.2 ± 2.0	288.0	12	20	3.0	Early. Good yields, high % of interleafing
Batavia F1	BJ	Jul-26	15.6	4.5	G	M	6.8 ± 1.1	10.0 ± 2.3	287.7	13	0	2.5	Poor stand and yields
Baton	PALM	Jul-29	19.8	5.9	LG	M	8.0 ± 1.9	12.2 ± 2.0	298.4	16	0	2.5	Moderate yields, unattractive light green colour
Bay Meadows	Sie	Aug-03	20.8	7.3	DG	F	7.7 ± 1.4	11.3 ± 3.5	349.0	10	0	3.0	Moderate yields, nice colour
Beaumont F1	BJ	Aug-09	22.9	7.3	G	M	6.7 ± 0.6	10.7 ± 1.2	319.1	0	0	3.5	Moderate yields, attractive, uniform size heads
Belstar F1 ***	BJ	Aug-09	31.3	12.4	G	C	7.0 ± 0.9	12.5 ± 2.1	395.3	17	0	3.5	High yields of large, coarse beaded heads
Bravado	ORS	Aug-03	29.2	10.7	G	F	6.2 ± 1.0	11.5 ± 2.0	367.1	32	4	4.0	High yields, nice heads, high % hollow stems
Captain ***	OT	Jul-22	33.3	4.9	DG	M	8.3 ± 1.5	12.7 ± 4.2	147.8	0	0	2.5	Early. Small heads
Chief	WDM	Jul-26	24.0	5.7	G	M	7.7 ± 1.4	12.8 ± 1.3	237.8	0	0	3.5	Attractive small heads
Coronado Crown	OT	Aug-06	22.9	7.6	DG	F	6.8 ± 1.4	12.8 ± 1.9	332.7	0	0	3.0	Moderate yields
Destiny	Sie	Jul-26	20.8	7.0	LG	M	9.5 ± 1.5	12.7 ± 2.4	337.5	0	20	3.0	Early. Light green heads, high % interleafing
Diplomat	Sie/SW	Aug-03	26.0	7.9	DG	C	6.3 ± 1.5	9.0 ± 2.9	303.6	22	0	3.0	Coarse bead
Early Dividend ***	OT	Jul-19	16.7	3.5	G	C	N/A	N/A	209.4	0	0	2.5	Exceptionally early, low yields, small heads
Emerald Crown	Sie	Aug-03	21.9	10.1	G	F	8.5 ± 1.4	14.8 ± 2.5	460.5	10	14	3.5	Good yields, large heads, high % interleafing
Eureka ***	ST	Aug-03	22.9	7.6	G	M	9.7 ± 2.9	11.3 ± 2.1	330.9	50	9	3.0	Moderate yields, high % hollow stems
Everest ***	Sie / SW	Jul-26	20.8	6.8	LG	M	9.0 ± 1.2	12.7 ± 2.4	328.5	0	0	3.0	Moderate yields, light coloured heads
Express	ORS	Jul-19	16.7	5.2	G	C	12.3 ± 2.1	15.7 ± 2.5	313.8	0	0	2.5	Early. Coarse bead
Goliath	EFG	Aug-03	25.0	12.2	G	F	9.0 ± 2.3	12.3 ± 2.7	489.2	8	0	4.5	Good yields, dense attractive heads
Green Belt	Sie	Jul-29	29.2	9.6	G	M	8.3 ± 1.4	11.7 ± 1.7	327.5	3	0	4.0	Good yields, attractive uniform heads
Green Magic	Sie/SW	Jul-29	31.3	8.2	DG	F	8.0 ± 1.4	11.2 ± 1.3	261.3	4	4	4.0	Good yields, small attractive heads
Gypsy	Sie/SW	Aug-03	27.1	7.3	G	C	7.7 ± 1.9	11.3 ± 2.8	267.7	4	0	3.5	Good yields, coarse bead
Hurdle	PALM	Jul-26	27.1	9.7	LG	VF	9.5 ± 1.3	12.0 ± 1.4	358.5	27	0	3.5	High yields, large % hollow stems
Imperial	SW	Aug-03	24.0	9.3	G	F	9.8 ± 1.6	12.5 ± 1.6	387.4	26	0	3.5	High yields, dense heads, large % hollow stems
Ironman	ST	Jul-29	27.1	11.1	LG	F	9.5 ± 1.0	12.5 ± 1.4	408.1	4	23	4.0	High yields, large heads, high % interleafing
Italian Sprouting	EFG	Jul-26	24.0	5.0	LG	VC	12.8 ± 3.7	13.7 ± 2.6	208.3	4	0	1.0	Low yields of unattractive loose heads

Transplanted Broccoli 2010

continued

Cultivar	Source	Date of 50% Harvest	Marketable Yield		Head Characteristics							Overall Rating	Comments
			000/ha	t/ha	Colour	Bead	Length (cm) ± SD	Width (cm) ± SD	Average Wt. (g)	% Hollow	% Interleaf		
Major	SW	Jul-26	27.1	5.3	G	C	8.5 ± 2.1	11.5 ± 0.7	195.8	0	0	2.0	Coarse bead
Marathon ***	TW, SW	Aug-03	24.0	10.2	G	F	7.5 ± 0.9	11.9 ± 2.3	423.9	26	4	4.0	High yields, large heads, high % hollow stems
Martha	DOM	Aug-03	24.0	7.5	G	M/C	6.8 ± 1.6	11.5 ± 2.5	314.3	0	4	3.0	Moderate yields
Olympia	Sie	Aug-03	17.7	7.6	G	M	7.7 ± 1.8	11.0 ± 2.5	431.8	29	0	3.0	Exceptionally dense heads
Packman	WDM	Jul-22	28.1	5.7	LG/ DG	C	10.5 ± 1.3	14.0 ± 1.8	203.0	0	0	3.5	Early. Good stand, small heads
Patriot ***	TW	Jul-29	22.9	8.1	LG	VF	9.7 ± 1.2	12.2 ± 1.3	355.5	0	5	4.0	Good yields, light green dense heads
Patron	Ve	Aug-03	25.0	8.0	DG	F	8.7 ± 1.3	10.8 ± 2.5	319.6	8	21	4.0	Good yields, high % interleafing
Pentagon	Sie	Aug-06	16.7	4.8	DG	C	9.5 ± 2.7	12.7 ± 2.7	286.9	0	0	1.5	Low yields, late, unattractive coarse bead heads
Premium Crop	OT	Jul-26	24.0	6.0	G	M	9.7 ± 1.2	12.0 ± 1.2	251.7	0	0	3.0	Moderate yields, large heads
Relay	PALM	Aug-06	21.9	9.7	LG	F	10.0 ± 2.2	14.0 ± 2.6	444.3	5	14	3.5	High yields, late, high % interleafing
Santa Anita 217	Sie	Aug-06	18.8	5.0	LG	M	7.0 ± 1.4	10.0 ± 1.4	266.1	0	0	2.5	Late with uniform heads
Sarasota	Sie	Aug-06	5.2	2.6	G	M	8.8 ± 0.8	12.4 ± 2.9	494.0	20	0	1.0	Poor stand and yields, high % hollow stems
Small Miracle	ORS	Jul-19	15.6	3.9	LG/G	F	6.2 ± 1.4	10.1 ± 2.9	250.0	0	0	2.0	Early. Small light green heads
Southern Comet	TW	Jul-22	22.9	4.8	G	M	7.2 ± 1.1	9.0 ± 1.4	207.7	0	0	2.0	Early. Moderate yields
Stryker	ORS	Aug-03	6.3	3.5	LG	F	8.0 ± 2.5	13.2 ± 2.8	553.3	0	0	1.5	Poor stand and yields, large heads
Super Cuts	Sie	Jul-22	20.8	3.4	LG	F	5.7 ± 1.2	9.8 ± 1.6	165.0	0	0	2.5	Early. Low yields, loose unattractive heads
Tahoe	RZ	Aug-06	9.4	3.8	LG/G	F	7.7 ± 1.5	11.3 ± 1.9	405.6	0	0	1.0	Late. Poor yields, unattractive colour
TBR-1	Sie	Aug-09	22.9	5.6	G	M	8.2 ± 1.8	11.0 ± 1.6	244.1	0	0	2.5	Late. Moderate yields
TBR-2	Sie	Aug-03	22.9	9.3	G	F	6.0 ± 2.6	10.0 ± 3.2	405.0	14	0	3.5	Good yields, dense heads
TBR-402	Sie	Jul-29	24.0	6.5	G	M	6.8 ± 1.7	9.0 ± 2.3	271.3	0	0	3.5	Moderate yields
Waltham 29	HS	Aug-03	11.5	1.8	G	C	9.2 ± 3.7	10.7 ± 2.3	160.9	18	0	1.0	Poor yields, small heads, high % hollow stems
Windoer	SW	Aug-03	25.0	6.6	G	M	7.7 ± 1.2	11.2 ± 1.3	264.6	0	0	2.5	Uniform heads
Windsor	WDM	Jul-26	19.8	4.6	G	M	9.8 ± 1.8	11.8 ± 1.3	232.1	0	0	3.0	Early. Poor yields
Average		Aug-03	22.4	6.7			8.3 ± 1.7	14.0 ± 2.3	315.6	8.3	2.8	2.8	

*** = Previously recommended
Bold = recommended in 2010

Date seeded: April 26
 Transplanted: June 1
 Date of first harvest: July 15
 Date of final harvest: September 22

Colour: L = Light
 G = Green
 B = Blue
 D = Dark

Bead: VF = Very fine
 F = Fine
 M = Medium
 C = Coarse

Overall 1 = poor
 Rating: 5 = excellent

Spacing: In row: 30 cm
 Between row: 1.2 m

SD = The larger the SD, the greater the variability in head size