

# WV 2001 W.Va. Vegetable Variety Trials - Broccoli

February 7, 2002

Eighty percent of broccoli was started indoors and transplanted into the garden. Average date for transplanting outside was April 26. Average spacing was 20" between plants. Fifty percent of the growers had problems with flea beetles. Seventy-five percent had done nothing to prevent the beetles, but fifty percent attempted to control them after they appeared. Fifty percent had problems with worms, and these growers used Dipel to control them. *Goliath and Arcadia were the best varieties, while Early Dividend came out on the bottom of the list.* Five Master Gardener programs participated in this trial. Once plants started producing, most continued through the end of the trial in October. Wildlife were a problem with some growers.

<b>BROCCOLI</b>	<i>Arcadia</i>	<i>Early Dividend</i>	<i>Gallant</i>	<i>Goliath</i>	<i>Packman</i>	<i>Small Miracle</i>	<i>Superdome</i>
<b>Germination:</b> 5 = excellent (90-100%) 4 = good (75-90%) 3 = average (60-75%) 2 = poor (40-60%) 1 = awful(<40%)	4.3	4.3	4.8	4.5	4.8	4.3	4.8
<b>Following Germination:</b> How many plants did you have of each?	37.5	28.8	30.8	35.5	36.0	28.3	33.0
<b>After Transplanting:</b> How many plants did you have of each?	4.0	4.3	4.3	4.0	4.8	4.5	4.5
<b>First Harvest Date</b>	Jun 25	Jun 14	Jun 17	Jun 14	Jun 5	Jul 17	Jun 14
<b>At Harvest:</b> This variety's plant size was: 1 = very large, 2 = large, 3=average, 4=small, 5= very small	1.0	2.3	2.0	1.0	1.8	2.3	1.5
<b>At Harvest:</b> This variety's average head size was: 1 = very large, 2 = large, 3 = average, 4 = small, 5 = very small	1.5	2.5	2.3	2.3	2.5	1.5	1.5
<b>Total Harvest:</b> This variety's total yield was: 1 = very large, 2 = large, 3 = average, 4 = small, 5 = very small	1.8	2.8	2.0	1.8	2.0	1.8	2.3
<b>At Harvest:</b> head color was: 1 = very appealing, 2 = average, 3 = poor	1.3	1.5	1.0	1.3	1.3	1.3	1.3
<b>Raw Flavor</b> was: 1 = very good, 2 = good, 3 = average, 4 = poor, 5 = awful	1.5	2.5	1.5	1.3	1.3	1.5	2.3
<b>Cooked flavor</b> was: 1 = very good, 2 = good, 3 = average, 4 = poor, 5 = awful	1.3	1.8	1.3	1.5	1.3	1.5	2.0
<b>Would you purchase this variety again?</b>	50% Yes	100% No	50% Yes	75% Yes	75% Yes	50% No	100% No
<b>Overall Ranking:</b> 1 = best, 7 =	1.8	5.3	2.0	1.8	2.8	3.8	4.0

least							
<b>Comments:</b>	Late large, healthy plants. Excellent regrowth. Great raw. Very good cooked. Best for later season.	Yellowish head. Okay cooked.	Early producer. Poor regrowth. Smaller heads. Very best flavor~ both raw & cooked.	Late large, healthy plant. Excellent regrowth. Good raw with a stronger flavor.	Early & steady repeat producer. Med - large healthy plant. All in all good	Early producer. Worms loved it. Not good raw. Cooked ok.	Bolted early. Didn't like raw. Not good cooked. Looked pretty good.