

2005 MARYLAND ROUNDUP READY VARIETY TESTS - PRELIM. YIELD DATA

		P.Hill - FS	P.Hill - DC	Wye - FS	Wye -DC	Keedyville
	BRAND - ENTRY	Yield, Bu/A	Yield, Bu/A	Yield, Bu/A	Yield, Bu/A	Yield, Bu/A
MG 3	1 ASGROW - AG 3802	60.0	60.0	57.4	67.8	59.5
	2 ASGROW - AG 3905	61.4	59.7	56.0	64.7	60.6
	3 GARST - 3624RR/N	60.7	49.0	61.8	63.5	58.5
	4 GARST - 3712RR/N	60.4	55.7	60.4	62.8	57.0
	5 GARST - 3960RR/N	55.7	51.8	52.7	57.3	55.6
	6 HISOY - XP2538	65.8	56.8	59.4	58.7	57.3
	7 HISOY - 395NRR	61.4	55.0	57.4	58.4	59.6
	8 NK BRAND - S37-N4	60.2	51.7	56.1	53.8	57.2
	9 SCHILLINGER - 396.RC	63.3	58.2	61.4	65.8	57.0
	10 S.STATES - RT 2800	61.0	52.7	57.3	54.6	51.8
	11 S.STATES - RT 3251N	59.8	48.2	52.9	54.8	53.6
	12 S.STATES - RT 3551N	62.5	56.0	58.3	63.4	60.0
	13 S.STATES - RT 3802N	54.5	47.8	47.7	52.5	50.2
	14 S.STATES - RT 3851N	58.8	54.4	57.0	58.3	54.6
	15 S.STATES - RT 3951N	64.1	57.6	56.2	61.2	61.9
	16 TA SEEDS - TS 3659R	62.0	56.4	57.5	57.2	58.4
	17 TA SEEDS - TS 3999R	60.9	51.8	52.9	59.0	54.4
	18 USG - 7393nRR	60.8	62.9	54.3	59.8	54.3
	19 VIGORO - V36N5RR	64.9	54.6	62.1	62.8	62.0
	20 VIGORO - V39N4RR	59.7	58.5	56.7	60.2	53.8
21 VIGORO - EX831064	61.1	56.2	56.1	60.9	59.1	
	MEAN	60.9	55.0	56.7	59.9	57.0
	LSD 0.20	3.6	3.8	4.1	3.7	4.3
	CV (%)	5.5	6.5	6.8	5.8	7.1
MG 4	1 ASGROW - AG 4201	55.6	52.4	57.2	61.2	57.6
	2 ASGROW - AG 4404	60.4	49.7	60.1	57.2	56.6
	3 ASGROW - AG 4503	61.7	55.4	60.3	61.1	60.2
	4 DEKALB - DKB42-51	65.3	54.1	63.9	62.8	62.6
	5 D&PL - DP 4331RR	62.3	49.6	63.1	58.4	56.5
	6 HISOY - 432NRR	59.5	56.1	62.8	62.6	52.0
	7 HISOY - HS4228	65.0	55.3	67.5	59.7	58.0
	8 EXPERIMENTAL - MD 01-063RR	53.8	50.9	52.6	55.2	54.5
	9 EXPERIMENTAL - MD 01-329RR	59.0	47.1	55.9	59.6	52.5
	10 NK BRAND - S40-R9	53.2	54.4	58.1	49.4	54.1
	11 NK BRAND - S43-B1	62.5	55.6	59.5	54.3	52.5
	12 PIONEER - 94M30	63.3	51.1	56.1	58.0	58.0
	13 SCHILLINGER - 426.RC	58.7	53.5	57.7	55.7	53.7
	14 S.STATES - RT 4151N	58.6	57.2	71.7	60.7	56.5
	15 S.STATES - RT 4230N	57.3	52.5	56.3	51.5	53.3
	16 S.STATES - RT 4440N	60.9	52.8	62.1	55.6	59.3
	17 S.STATES - RT 4451N	61.0	54.6	63.2	60.4	57.9
	18 S.STATES - RT 4502N	53.8	49.0	52.5	53.5	56.7
	19 S.STATES - RT 4551N	60.7	54.9	59.5	60.9	55.3
	20 TA SEEDS - TS4399R	58.8	51.7	58.6	58.4	56.6
21 USG - 7415nRR	62.2	57.0	62.2	60.9	60.0	
22 USG - 7423nRS	61.0	59.0	61.0	54.4	57.3	
23 USG - 7440nRR	58.1	51.8	58.5	56.4	55.7	
24 USG - 7443nRR	60.7	51.9	65.5	59.2	58.8	
25 USG - 7455nRR	59.1	51.1	58.9	56.6	56.6	
26 VIGORO - V44N6RR	61.7	54.6	59.1	58.4	53.8	
	MEAN	59.8	53.2	60.1	57.8	56.4
	LSD 0.20	2.7	NS	5.7	4.8	3.5
	CV (%)	4.3	8.3	8.9	7.8	5.9

		P.Hill - FS	P.Hill - DC	Wye - FS	Wye -DC	Keedysville
BRAND - ENTRY		Yield, Bu/A	Yield, Bu/A	Yield, Bu/A	Yield, Bu/A	Yield, Bu/A
MG 4S	1 ASGROW - AG 4703	57.3	52.9	55.6	64.1	65.0
	2 ASGROW - AG 4801	56.4	52.5	57.2	66.1	59.1
	3 ASGROW - AG 4903	53.0	53.0	57.3	61.0	59.2
	4 CLARKS - CL48RR	47.3	49.1	58.8	62.8	56.8
	5 D&PL - DP 4690RR	50.5	48.9	61.5	56.1	57.5
	6 D&PL - DP 4724RR	51.1	52.4	58.1	55.6	54.9
	7 HISOY - 472NRR	54.0	48.3	57.1	60.2	57.2
	8 EXPERIMENTAL - MD 99-1098-2RR	44.7	48.3	56.2	60.3	49.7
	9 SCHILLINGER - 465.RC	53.3	53.2	54.9	56.8	51.9
	10 SCHILLINGER - 495.RC	55.5	54.8	61.3	61.5	56.0
	11 S.STATES - RT 4651N	49.5	47.1	51.2	55.9	53.9
	12 S.STATES - RT 4808N	53.2	54.6	52.5	58.6	56.2
	13 S.STATES - RT 4981N	45.9	49.0	55.5	56.1	54.8
	14 TA SEEDS - TS 4659R	49.1	48.8	51.9	59.7	46.0
	15 USG - 7482nRR	51.4	51.3	57.8	57.0	56.1
	16 USG - 7484nRR	51.9	52.7	58.8	56.7	53.5
	17 USG - 7489RR	48.5	52.6	58.2	62.2	58.7
	18 USG - 7499nRR	45.5	52.1	52.0	56.0	54.5
	19 VIGORO - V48N5RR	53.0	54.4	55.7	56.9	54.4
	20 VIGORO- V49N6RR	55.9	54.5	61.2	60.8	61.6
	MEAN	51.4	51.5	56.6	59.2	55.9
	LSD 0.20	3.5	3.8	NS	4.5	3.8
	CV (%)	6.5	7.0	9.1	7.1	6.3
MG 5	1 CLARKS - CL54RR	34.8	46.0	52.1	51.3	MG Not Grown at this location
	2 EXPERIMENTAL - MD 99-0687-3RR	35.7	46.7	47.0	50.3	
	3 EXPERIMENTAL - MD 01-206RR	48.2	48.9	59.2	56.3	
	4 S.STATES - RT 5130N	41.3	33.7	56.4	49.0	
	5 EXPERIMENTAL - TN 05-547RR	38.2	48.0	53.0	49.0	
	6 EXPERIMENTAL - TN 05-548RR	46.8	48.6	54.2	51.0	
	7 USG - 510nRR	49.6	47.3	60.5	52.5	
	8 USG - 7504nRR	43.2	53.4	50.8	56.0	
	9 USG - 7505nRR	54.4	54.3	54.7	59.5	
	10 USG - 7515nRR	49.1	46.9	53.3	53.4	
	11 VIGORO - V51N6RR	46.0	48.2	56.3	53.1	
	MEAN	44.3	47.5	54.3	52.9	
	LSD 0.20	7.2	NS	5.6	3.2	
	CV (%)	15.0	16.7	9.6	5.7	
	Planting Date	31-May	24-Jun	2-Jun	12-Jul	9-Jun
	Row Spacing	20 inches	15 inches	24 inches	7.5 inches	24 inches
	Tillage	None	None	Conv.	None	Conv.

Locations: Poplar Hill Full Season and Double Crop-Quantico; Wye Full Season and Double Crop-Queenstown; Keedysville

Yield reported at 13% moisture.

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