

2002 MARYLAND RR SOYBEAN VARIETY TESTS- PRELIMINARY SEED YIELDS

MATURITY	BRAND-ENTRY	Keedys- ville	Clarks- ville	Queenstown		Quantico	
				Full Season	Double Crop	Full Season	Double Crop
Seed Yield, Bu/A @ 13% Moisture							
Group III	1 AGWAY-APK366NRR	60.4	62.8	32.5	27.0	21.5	39.7
	2 AGWAY-APK371NRR	58.2	55.3	32.4	21.8	27.1	34.6
	3 ASGROW-AG3902	51.7	60.2	29.4	21.3	20.5	38.1
	4 ASGROW-AG3903	52.4	54.1	28.7	19.2	21.1	33.5
	5 DEKALB-DKB38-51	55.7	58.7	29.0	21.4	17.9	37.4
	6 DEKALB-DKB38-52	55.2	57.8	30.8	18.4	22.7	29.8
	7 NK-S39-K6	53.3	55.9	27.8	17.7	22.9	28.9
	8 NK-S39-Q4	58.3	59.8	31.5	23.3	23.2	33.3
	9 S.ST.-RT3502	54.5	53.0	24.0	20.2	14.7	34.1
	10 S.ST.-RT3702	56.5	52.5	33.3	25.1	15.6	36.3
	11 S.ST.-RT3799N	57.1	51.9	27.7	19.2	19.7	33.9
	12 S.ST.-RT3802N	49.8	50.6	30.3	18.2	26.4	36.8
	13 S.ST.-RT3975	58.1	50.7	24.9	15.9	18.6	32.7
	14 USG-7398nRR	53.9	53.8	20.2	17.4	17.2	31.4
	15 VIGORO-V382NRR	56.6	53.9	28.5	21.4	22.5	37.3
	GROUP III MEAN	55.4	55.4	28.7	20.5	20.8	34.5
	LSD 0.20	NS	3.3	3.5	3.6	5.1	4.0
	CV (%)	8.1	5.6	11.5	16.6	23.0	10.8
Group IV	1 AGWAY-APK432NRR	52.1	54.4	45.2	27.1	22.9	36.5
	2 ASGROW-AG4201	50.5	55.3	40.5	24.7	11.3	39.4
	3 ASGROW-AG4403	50.4	55.1	37.7	25.5	23.7	38.5
	4 CLARK-CL42RR	53.4	51.4	39.4	33.6	25.6	36.1
	5 DEKALB-DKB44-51	49.4	52.6	37.0	30.9	23.0	39.5
	6 DEKALB-DKB45-51	45.8	53.9	43.3	30.3	20.5	38.8
	7 NK-S40-R9	52.0	57.3	35.4	21.1	19.9	32.3
	8 NK-S42-P7	50.3	49.8	38.7	25.1	15.7	35.2
	9 S.ST.-RT4098	56.8	50.6	39.0	25.2	12.9	37.9
	10 S.ST.-RT446N	50.0	50.0	40.4	29.4	25.0	37.8
	11 S.ST.-RT4502N	52.4	50.9	44.9	27.2	26.9	41.3
	12 USG-7402nRR	52.9	53.3	40.0	23.3	15.9	36.1
	13 USG-7403nRR	61.7	47.5	43.9	21.5	11.9	32.7
	14 USG-7440nRR	50.1	52.1	46.7	28.2	24.6	41.1
	15 USG-7449nRR	49.0	50.1	44.5	24.0	19.4	37.5
	16 USG7452nRR	49.0	48.1	44.4	29.0	23.5	40.8
	17 VIGORO-V442NRR	53.0	46.0	38.7	36.3	20.5	39.5
	18 EXPT-MD 99-0165-3RR	48.6	48.3	31.7	32.1	5.6	34.6
	19 EXPT-MD 99-0198-3RR	47.3	49.6	41.2	26.0	9.2	35.0
	GROUP IV MEAN	51.3	51.4	40.7	27.4	18.8	37.4
	LSD 0.20	NS	4.5	NS	4.1	3.3	2.7
	CV (%)	10.3	8.2	17.1	14.1	16.2	6.7

2002 MARYLAND RR SOYBEAN VARIETY TESTS- PRELIMINARY SEED YIELDS

MATURITY	BRAND-ENTRY	Keedys- ville	Clarks- ville	Queenstown		Quantico	
				Full Season	Double Crop	Full Season	Double Crop
Seed Yield, Bu/A @ 13% Moisture							
Group IV-S	1 ASGROW-AG4603	50.2	51.1	38.4	27.5	27.5	44.9
	2 CLARK-CL48	56.0	52.9	45.9	28.8	27.0	45.4
	3 NK-S46-G2	51.2	50.6	36.6	29.0	31.4	36.3
	4 S.ST.-RT4720N	49.7	53.9	38.3	28.8	36.9	38.8
	5 S.ST.-RT4810N	52.8	54.8	40.9	25.6	29.0	42.3
	6 S.ST.-RT4980	57.7	55.4	38.6	28.1	31.9	41.6
	7 USG-7489RR	55.9	55.9	49.1	25.7	32.6	44.7
	8 USG-7482nRR	52.6	54.3	43.3	27.7	28.3	40.1
	9 VIGORO-V462NRS	51.3	48.6	44.5	24.9	31.1	39.9
	10 VIGORO-V46N3RR	58.4	52.0	48.6	22.3	20.0	35.9
	11 VIGORO-V472NRR	49.7	51.0	44.4	24.5	30.6	39.5
	12 VIGORO-V49N3RR	55.8	56.2	43.9	27.1	28.5	39.2
	13 EXPT-MD 99-1098-2RR	54.0	58.0	46.4	27.7	40.0	40.2
	GROUP IV-S MEAN	53.5	53.4	43.0	26.7	30.4	40.7
	LSD 0.20	3.1	4.1	6.0	NS	4.1	3.7
	CV (%)	5.4	7.1	12.9	16.2	12.6	8.4
Group V	1 S.ST.-RT5001N	-	-	35.9	26.4	27.7	38.2
	2 S.ST.-RT5302N	-	-	31.2	24.7	36.8	38.2
	3 USG-7509nRR	-	-	35.9	20.1	32.5	43.6
	4 EXPT-MD 99-0687-3RR	-	-	39.1	25.4	34.1	37.0
	5 EXPT-99VPI-67RR	-	-	26.6	30.2	32.6	34.3
	6 EXPT-99VPI-120RR	-	-	30.9	27.8	34.8	34.9
	GROUP V MEAN	-	-	33.3	25.7	33.1	37.7
	LSD 0.20	-	-	3.8	3.2	2.6	2.4
	CV (%)	-	-	10.1	11.2	7.0	5.7
	Planting Dates	June 5	June 5	May 30	June 25	May 28	June 19
	Row Spacing	24 in.	24 in.	24 in.	7.5 in.	16 in.	16 in.
	Tillage	Conv.	Conv.	Conv.	None	None	None

The financial support of the Maryland Soybean Board is gratefully acknowledged.

Maturity Group V entries are not grown at Keedysville and Clarksville.

Prepared by: W.J. Kenworthy and L.A. Wood, Department of NRSL, Univ. of Maryland