

APPENDIX A

SUMMARY OF CROP CULTURAL AND MANAGEMENT PRACTICES

CROP YEAR 1994

Plant date test

Location:	Tidewater Agricultural Experiment Station, Suffolk, VA
Soil type:	Nansemond fine sandy loam
Crop history:	peanut, 1992; corn, 1993
Land preparation:	Moldboard plow and disk
Cultivar:	NC 9
Planting dates:	20 April-plant date 1; 30 April-plant date 2; 10 May-plant date 3; 20 May-plant date 4
Herbicides:	<u>Pre-plant</u> Dual 8E 1.75 L/ha + Pursuit 0.15 L/ha (11 April)
	<u>Pre-emergence</u> Dual 8E 1.75 L/ha + Pursuit 0.15 L/ha (20 April - plant date 1) Dual 8E 1.75 L/ha + Pursuit 0.15 L/ha + Starfire 0.8 L/ha (9 May - plant date 2; 13 May - plant date 3; 25 May - plant date 4)
	<u>Post-emergence</u> Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac 0.3 L/ha (2 June)
	Poast Plus 2.63 L/ha (3 June)
	Blazer 0.73 L/ha + Butyrac 0.58 L/ha (19 July)

Insecticides:	Temik 15G 7.8 kg/ha (in-furrow, at planting) Orthene 75S 0.75 kg/ha Lorsban 15G 14.6 kg/ha (8 July) Asana XL 0.44 L/ha (23 August)
CBR control:	Vapam 93.6 L/ha
Leaf spot control:	Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (24 June, 19 July, 3 August, 23 August)
Landplaster:	897 kg/ha (7 July)
Liquid Manganese:	2.3 L/ha (24 June, 19 July, 3 August)
Cultivation:	8 July
Digging date:	11 October, 1994

Sclerotinia algorithm test - Location A

Location:	Tidewater Agricultural Experiment Station, Suffolk, VA
Soil type:	Nansemond fine sandy loam
Crop history:	peanut, 1993; corn, 1994
Land preparation:	Moldboard plow and disk
Cultivar:	NC 7
Planting date:	30 April
Herbicides:	<u>Pre-plant</u> Dual 8E 1.75 L/ha + Pursuit 0.3 L/ha (11 April)
	<u>Pre-emergence</u> Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (9 May)
	<u>Post-emergence</u>

Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac 0.3 L/ha (2 June)

Poast Plus 2.63 L/ha (3 June)

Blazer 0.73 L/ha + Butyrac 0.58 L/ha (19 July)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Orthene 75S 0.75 kg/ha (10 June)
Lorsban 15G 14.6 kg/ha (8 July)
Asana XL 0.44 L/ha (23 August)

CBR control: Vapam 93.6 L/ha (6 April)

Leaf spot control: Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (24 June, 19 July, 3 August, 23 August)

Landplaster: 897 kg/ha (7 July)

Liquid Manganese: 2.3 L/ha (24 June, 19 July)

Cultivation: 11 July

Digging date: 7 October, 1994

Sclerotinia algorithm test - Location B

Location: TAREC Farm, Hare Rd, Suffolk, VA

Soil type: Kenansville loamy sand

Crop history: peanut, 1993; corn, 1994

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting date: 2 May

Herbicides: Pre-plant

Dual 8E 1.75 L/ha + Pursuit 0.3 L/ha (15 April)

Pre-emergence

Dual 8E 1.75 L/ha + Pursuit 0.3 L/ha + Starfire 0.8 L/ha (9 May)

Post-emergence

Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac 0.3 L/ha (2 June)

Blazer 0.73 L/ha + Butyrac 0.58 L/ha (19 July)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Orthene 75S 0.75 kg/ha (13 June)
Lorsban 15G 14.6 kg/ha (8 July)
Asana XL 0.44 L/ha (23 August)

CBR control: Vapam 93.6 L/ha (15 April)

Leaf spot control: Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (24 June, 19 July, 3 August, 24 August)

Landplaster: 897 kg/ha (7 July)

Liquid Manganese: 2.3 L/ha (24 June, 19 July)

Cultivation: 11 July

Irrigation: 3.8 cm (14 Jul)

Digging date: 20 October, 1994

CROP YEAR 1995

Plant date test

Location: Tidewater Agricultural Experiment Station, Suffolk, VA

Soil type: Nansemond fine sandy loam

Crop history:	peanut, 1993; corn, 1994
Land preparation:	Moldboard plow and disk
Cultivar:	NC-V 11
Planting dates:	20 April-plant date 1; 1 May-plant date 2; 9 May-plant date 3; 22 May-plant date 4
Herbicides:	<u>Pre-plant</u> Dual 8E 1.75 L/ha + Pursuit 0.3 L/ha (4 April)
	<u>Pre-emergence</u> Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (1 May - plant date 1, 2; 16 May - plant date 3,4)
Insecticides:	Temik 15G 7.8 kg/ha (in-furrow, at planting) Lorsban 15G 14.6 kg/ha (6 July) Karate 0.22 L/ha (18 August)
Acaricide:	Comite 2.3 L/ha (4 August)
Southern stem rot control:	Folicur 3.6 F 0.53 L/ha (26 Jul)
CBR control:	Vapam 93.6 L/ha (4 April)
Leaf spot control:	Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (22 June, 11 July, 18 August, 12 September)
Landplaster:	897 kg/ha (27 July)
Liquid Manganese:	2.3 L/ha (22 June, 11 July)
Cultivation:	6 July
Digging date:	17 October, 1995

Sclerotinia algorithm test - Location A

Location: Tidewater Agricultural Experiment Station, Suffolk, VA

Soil type: Nansemond fine sandy loam

Crop history: peanut, 1993; corn, 1994

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting dates: 9 May

Herbicides: Pre-plant
 Prowl 4 EC 2.0 L/ha + Boron 2.3 L/ha (3 April)
 Dual 8E 1.75 L/ha + Pursuit 0.3 L/ha (4 April)

Pre-emergence
 Dual 8E 1.75 L/ha + Starfire 0.8 L/ha + Pursuit 0.15 L/ha
 (16 May)

Post-emergence
 Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac
 0.3 L/ha (8 Jun)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
 Lorsban 15G 14.6 kg/ha (6 July)
 Karate 0.22 L/ha (18 August)

Acaricide: Comite 2.3 L/ha (4 August)

Southern stem rot control: Folicur 3.6 F 0.53 L/ha (26 July)

CBR control: Vapam 93.6 L/ha (4 April)

Leaf spot control: Bravo 720 1.75 L/ha according to the Virginia leaf spot
 advisory program (22 June, 11 July, 18 August, 12
 September)

Landplaster: 897 kg/ha (27 July)

Liquid Manganese: 2.3 L/ha (22 June, 11 July)

Cultivation: 6 July
Digging date: 17 October, 1995

Sclerotinia algorithm test - Location B

Location: TAREC Farm, Hare Rd, Suffolk, VA
Soil type: Kenansville loamy sand
Crop history: peanut, 1993; corn, 1994
Land preparation: Moldboard plow and disk
Cultivar: NC-V 11
Planting dates: 1 May
Herbicides: Pre-plant
Prowl 1.4 L/ha + Boron 2.3 L/ha (12 April)
Dual 8E 1.75 L/ha (21 April)
Pre-emergence
Dual 8E 1.75 L/ha + Starfire 0.8 L/ha + Pursuit 0.15 L/ha (9 May)
Post-emergence
Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac 0.3 L/ha (8 Jun)
Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Lorsban 15G 14.6 kg/ha (6 July)
Karate 0.22 L/ha (18 August)
CBR control: Vapam 93.6 L/ha (18 April)
Leaf spot control: Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (23 June, 11 July, 31 July, 18 August, 12 September)

Landplaster: 897 kg/ha (27 July)
Liquid Manganese: 2.3 L/ha (23 June, 11 July, 31 July)
Cultivation: 6 July
Irrigation: 3.8 cm (4 & 25 August)
Digging date: 26 October, 1995

Plant growth/canopy modification test

Location: TAREC Farm, Hare Rd, Suffolk, VA
Soil type: Kenansville loamy sand
Crop history: peanut, 1993; corn, 1994
Land preparation: Moldboard plow and disk
Cultivar: NC-V 11
Planting dates: 1 May
Herbicides: Pre-plant
Prowl 1.4 L/ha + Boron 2.3 L/ha (12 April)
Dual 8E 1.75 L/ha (21 April)
Pre-emergence
Dual 8E 1.75 L/ha + Starfire 0.8 L/ha + Pursuit 0.15 L/ha (9 May)
Post-emergence
Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac 0.3 L/ha (8 Jun)
Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Lorsban 15G 14.6 kg/ha (6 July)
Karate 0.22 L/ha (18 August)
CBR control: Vapam 93.6 L/ha (18 April)

Leaf spot control: Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (23 June, 11 July, 31 July, 18 August, 12 September)

Landplaster: 897 kg/ha (27 July)

Liquid Manganese: 2.3 L/ha (23 June, 11 July, 31 July)

Cultivation: 6 July

Irrigation: 3.8 cm (4 & 25 August)

Digging date: 24 October, 1995

Protection interval test

Location: TAREC Farm, Hare Rd, Suffolk, VA

Soil type: Kenansville loamy sand

Crop history: peanut, 1993; corn, 1994

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting dates: 1 May

Herbicides: Pre-plant
 Prowl 3.3 EC 1.4 L/ha + Boron 2.3 L/ha (12 April)
 Dual 8E 1.75 L/ha (21 April)

Pre-emergence
 Dual 8E 1.75 L/ha + Starfire 0.8 L/ha + Pursuit 0.15 L/ha (9 May)

Post-emergence
 Basagran 1.75 L/ha + Tough 3.75 EC 0.88 L/ha + Butyrac 0.3 L/ha (8 Jun)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Lorsban 15G 14.6 kg/ha (6 July)
Karate 0.22 L/ha (18 August)

CBR control: Vapam 93.6 L/ha (18 April)

Leaf spot control: Bravo 720 1.75 L/ha according to the Virginia leaf spot advisory program (23 June, 11 July, 31 July, 18 August, 12 September)

Landplaster: 897 kg/ha (27 July)

Liquid Manganese: 2.3 L/ha (23 June, 11 July, 31 July)

Cultivation: 6 July

Irrigation: 3.8 cm (4 & 25 August)

Digging date: 26 October, 1995

CROP YEAR 1996

Plant date test

Location: Tidewater Agricultural Experiment Station, Suffolk, VA

Soil type: Nansemond fine sandy loam

Crop history: peanut, 1994; corn, 1995

Land preparation: Moldboard plow and disk

Cultivar: VA-C 92R

Planting dates: 19 April-plant date 1; 1 May-plant date 2; 9 May-plant date 3; 23 May-plant date 4

Soil type: Nansemond fine sandy loam

Crop history: peanut, 1994; corn, 1995

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting dates: 13 May

Herbicides: Pre-plant
Prowl 4EC 1.2 L/ha + Pursuit 0.15 L/ha + Boron 2.3 L/ha + Dual 8E 1.75 L/ha + Pursuit 0.15 L/ha (5 April)

Pre-emergence
Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (20 May)

Post-emergence
Storm 1.75 L/ha + Tough 3.75 EC 0.58 L/ha + Butyrac 0.3 L/ha (20 June)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Orthene 75S 1.1 kg/ha (17 June) + 0.56 kg/ha (19 July)
Lorsban 15G 14.6 kg/ha (1 July)
Asana XL 0.3 L/ha (23 August)

Acaricide: Comite 2.3 L/ha (9 September)

CBR control: Vapam 93.6 L/ha (5 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (20 June, 10 July, 6 August, 23 August, 9 September)

Landplaster: 897 kg/ha (24 June)

Liquid Manganese: 2.3 L/ha (20 June, 10 July, 6 August)

Cultivation: 21 May, 1 July

Digging date: 5 October, 1996

Sclerotinia algorithm test - Location B

Location:	TAREC Research Farm, Hare Rd, Suffolk, VA
Soil type:	Kenansville loamy sand
Crop history:	peanut, 1994; cotton, 1995
Land preparation:	Moldboard plow and disk
Cultivar:	NC-V 11
Planting dates:	10 May
Herbicides:	<u>Pre-plant</u> Prowl 4EC 1.46 L/ha + Pursuit 0.15 L/ha (15 April) + Dual 8E 1.75 L/ha (17 April) <u>Pre-emergence</u> Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (20 May)
Insecticides:	Temik 15G 7.8 kg/ha (in-furrow, at planting) Lorsban 15G 14.6 kg/ha (1 July) Asana XL 0.3 L/ha (23 August)
CBR control:	Metam CLR 70 L/ha (5 April)
Leaf spot control:	Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (20 June, 10 July, 29 July, 23 August, 16 September)
Landplaster:	897 kg/ha (24 June)
Liquid Manganese:	2.3 L/ha (20 June, 10 July, 29 July)
Cultivation:	1 July
Digging date:	14 October, 1996

Protection interval test

Location:	TAREC Research Farm, Hare Rd, Suffolk, VA
Soil type:	Kenansville loamy sand
Crop history:	peanut, 1994; cotton, 1995
Land preparation:	Moldboard plow and disk
Cultivar:	NC-V 11
Planting dates:	10 May
Herbicides:	<u>Pre-plant</u> Prowl 4EC 1.46 L/ha + Pursuit 0.15 L/ha (15 April)
	<u>Pre-emergence</u> Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (20 May)
Insecticides:	Temik 15G 7.8 kg/ha (in-furrow, at planting) Lorsban 15G 14.6 kg/ha (1 July) Orthene 75S 1.1 kg/ha (23 August)
CBR control:	Metam CLR 70 L/ha (5 April)
Leaf spot control:	Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (20 June, 10 July, 29 July, 23 August, 16 September)
Landplaster:	897 kg/ha (24 June)
Liquid Manganese:	2.3 L/ha (20 June, 10 July, 29 July)
Cultivation:	1 July
Digging date:	21 October, 1996

Plant growth/canopy test

Location:	TAREC Research Farm, Hare Rd, Suffolk, VA
Soil type:	Kenansville loamy sand
Crop history:	peanut, 1994; cotton, 1995
Land preparation:	Moldboard plow and disk
Cultivar:	NC-V 11
Planting dates:	10 May
Herbicides:	<u>Pre-plant</u> Prowl 4EC 1.46 L/ha + Pursuit 0.15 L/ha (15 April) + Dual 8E 1.75 L/ha (17 April)
	<u>Pre-emergence</u> Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (20 May)
Insecticides:	Temik 15G 7.8 kg/ha (in-furrow, at planting) Lorsban 15G 14.6 kg/ha (1 July) Orthene 75S 1.1 kg/ha (23 August)
CBR control:	Metam CLR 70 L/ha (5 April)
Leaf spot control:	Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (20 June, 10 July, 29 July, 23 August, 16 September)
Landplaster:	897 kg/ha (24 June)
Liquid Manganese:	2.3 L/ha (20 June, 10 July, 29 July)
Cultivation:	1 July
Digging date:	15 October, 1996

Sclerotinia algorithm test - Location C

Location: Horace King Farm, Elberon, VA

Soil type: sandy loam

Crop history: wheat/soybean, 1994; corn, 1995

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting dates: 10 May

Herbicides: Pre-plant
Vernam 1.75 L/ha (26 April)

Pre-emergence
Dual 8E 1.75 L/ha (18 May)

Post-emergence
Pursuit 0.3 L/ha + Storm 1.1 L/ha

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)

CBR control: Metam CLR 70.2 L/ha (26 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (13 June, 10 July, 31 July, 13 September)

Landplaster: 1121 kg/ha (1 June)

Liquid Manganese: 2.3 L/ha (10 July)

Cultivation: 25 May, 5 June, 26 June

Digging date: 22 October, 1996

Plant growth/canopy test - Southampton

Location: Kenny Edwards Farm, Branchville, VA

Soil type: loamy sand

Crop history: peanut, 1994; cotton, 1995

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting dates: 3 May

Herbicides: Pre-plant
Prowl 3.3 EC 1.46 L/ha + Dual 8E 1.46 L/ha (19 April)

At-cracking
Dual 8E 1.46 L/ha

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)

CBR control: Vapam 93.5 L/ha (19 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (20 June, 11 July, 31 July, 5 September)

Landplaster: 1121 kg/ha (20 June)

Liquid Manganese: 2.3 L/ha (11 July)

Cultivation: 10 June, 20 June

Digging date: 10 October, 1996

Plant growth/canopy test - Sussex

Location: Craig Beale Farm, Waverly, VA

Soil type: sandy loam

Crop history: wheat/soybean, 1994; corn, 1995

Land preparation: Moldboard plow and disk

Cultivar: NC 7

Planting dates: 10 May

Herbicides: Pre-plant
Dual 8E 1.75 L/ha (18 April)

Pre-emergence
Dual 8E 1.75 L/ha + Pursuit 0.15 L/ha + Starfire 0.8 L/ha
(20 May)

Insecticides: Temik 15G 5.6 kg/ha (in-furrow, at planting)

CBR control: Metam CLR 70.2 L/ha (18 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (21 June, 10 July, 6 Aug, 20 April)

Landplaster: 1121 kg/ha (1 June)

Liquid Manganese: 2.3 L/ha (10 July)

Cultivation: 16 June

Digging date: 22 October, 1996

CROP YEAR 1997

Plant date test

Location: Tidewater Agricultural Experiment Station, Suffolk, VA

Soil type: Nansemond fine sandy loam

Crop history: peanut, 1995; corn, 1996

Land preparation: Moldboard plow and disk

Cultivar: NC-V 11

Planting dates: 21 April-plant date 1; 5 May-plant date 2; 15 May-plant date 3; 28 May-plant date 4

Herbicides: Pre-plant
Prowl 3.3 EC 1.46 L/ha + Pursuit 0.15 L/ha (3 April) Dual 8E 1.75 L/ha (7 April)

Pre-emergence
Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (12 May - plant date 1, 2)
Dual 8E 1.75 L/ha (2 June - plant date 3,4)

Post-emergence
Storm 1.75 L/ha + Butyrac 0.6 L/ha (20 Jun)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Orthene 75S 0.56 kg/ha (20 June)
Lorsban 15G 14.6 kg/ha (15 July)

Acaricide: Comite 2.3 L/ha (9 July)

Southern stem rot control: Folicur 3.6 F 0.53 L/ha (1 August)

CBR control: Metam 93.5 L/ha (4 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (9 July, 26 August)

Landplaster: 673 kg/ha (24 June)

Liquid Manganese: 2.3 L/ha (9 July, 1 August)

Cultivation: 15 July

Digging date: 9 October, 1997

Sclerotinia algorithm test - Location A

Location:	TAREC Duke Farm, Longstreet Ln, Suffolk, VA
Soil type:	Suffolk loamy sand
Crop history:	peanut, 1995; corn, 1996
Land preparation:	Moldboard plow and disk
Cultivar:	VA-C 92R
Planting date:	6 May
Herbicides:	<u>Pre-plant</u> Prowl 3.3 EC 1.46 L/ha + Pursuit 0.15 L/ha (3 April) Dual 8E 1.75 L/ha (7 April) <u>Pre-emergence</u> Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (12 May) <u>Post-emergence</u> Butyrac 0.6 L/ha (20 Jun)
Insecticides:	Temik 15G 7.8 kg/ha (in-furrow, at planting) Orthene 75S 0.56 kg/ha (20 June) Lorsban 15G 14.6 kg/ha (11 July) Asana XL 0.3 L/ha
CBR control:	Metam 74.8 L/ha (4 April)
Leaf spot control:	Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (9 July, 1 August, 26 August, 18 September)
Landplaster:	673 kg/ha (1 July)
Liquid Boron	2.3 L/ha (3 April)
Manganese:	2.3 L/ha (9 July, 1 August)
Cultivation:	11 July

Irrigation: 2.9 cm (8 September)
Digging date: 9 October, 1997

Plant growth/canopy test

Location: TAREC Farm, Hare Rd, Suffolk, VA
Soil type: Kenansville fine loamy sand
Crop history: peanut, 1995; cotton, 1996
Land preparation: Moldboard plow and disk
Cultivar: VA-C 92R
Planting dates: 7 May
Herbicides: Pre-plant
Prowl 3.3 EC 1.46 L/ha + Pursuit 0.15 L/ha (3 April) Dual
8E 1.75 L/ha (7 April)
Pre-emergence
Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (12 May)
Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Orthene 75S 0.56 kg/ha (20 June)
Lorsban 15G 14.6 kg/ha (15 July)
Asana XL 0.3 L/ha (12 September)
CBR control: Metam 93.5 L/ha (4 April)
Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf
spot advisory program (9 July, 31 July, 26 August, 18
September)
Landplaster: 673 kg/ha (24 June)
Liquid Boron 2.3 L/ha (3 April)

Liquid Manganese: 2.3 L/ha (9 July, 1 August)
Cultivation: 11 July
Irrigation: 2.5 cm (15 August), 2.0 cm (2 September)
Digging date: 10 October, 1997

Protection interval test

Location: TAREC Farm, Hare Rd, Suffolk, VA
Soil type: Kenansville fine loamy sand
Crop history: peanut, 1995; cotton, 1996
Land preparation: Moldboard plow and disk
Cultivar: VA-C 92R
Planting dates: 7 May

Herbicides: Pre-plant
Prowl 3.3 EC 1.46 L/ha + Pursuit 0.15 L/ha (3 April) Dual
8E 1.75 L/ha (7 April)

Pre-emergence
Dual 8E 1.75 L/ha + Starfire 0.8 L/ha (12 May)

Insecticides: Temik 15G 7.8 kg/ha (in-furrow, at planting)
Orthene 75S 0.56 kg/ha (20 June)
Lorsban 15G 14.6 kg/ha (15 July)

CBR control: Metam 93.5 L/ha (4 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf
spot advisory program (9 July, 31 July, 26 August, 18
September)

Landplaster: 673 kg/ha (24 June)
Liquid Boron 2.3 L/ha (3 April)
Liquid Manganese: 2.3 L/ha (9 July, 1 August)
Cultivation: 11 July
Irrigation: 2.5 cm (15 August), 2.0 cm (2 September)
Digging date: 10 October, 1997

Sclerotinia algorithm and plant growth/canopy modifier test - Location B

Location: Bill Nurney Farm, Courtland, VA
Soil type: sandy loam
Crop history: peanut, 1995; cotton, 1996
Land preparation: Disk, rip and bed
Cultivar: NC-V 11
Planting dates: 10 May
Herbicides: Pre-plant
Dual 8E 2.3 L/ha (6 April)
Pre-emergence
Starfire 0.8 L/ha + Lasso 4E 1.75 L/ha (23 May)
Insecticides: Temik 15G 5.6 kg/ha (in-furrow, at planting)
Lorsban 15G 14.6 kg/ha (15 July)
Acaricides: Capture 0.47 L/ha (22 July)
Danitol 2.4 EC 1.0 L/ha (19 September)
CBR control: Metam 70.1 L/ha (4 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (7 July, 31 July, 27 August, 19 September)

Landplaster: 1233 kg/ha (24 June)

Liquid Manganese: 2.3 L/ha (7 July, 31 July)

Cultivation: 16 July

Digging date: 21 October, 1997

Sclerotinia algorithm and plant growth/canopy modifier test - Location C

Location: Jay Darden Farm, Statesville, VA

Soil type: sandy loam

Crop history: peanut 1994, cotton 1995; cotton, 1996

Land preparation: Moldboard plow and disk

Cultivar: VA-C 92R

Planting dates: 10 May

Herbicides: Pre-plant
Dual 8E 1.75 L/ha + Prowl 1.75 L/ha (7 April)

Insecticides: Temik 15G 5.6 kg/ha (in-furrow, at planting)
Lorsban 15G 14.6 kg/ha (16 July)

Acaricides: Comite 2.3 L/ha (7 July)
Capture 2 EC 0.47 L/ha (22 July)
Danitol 2.4 EC 1.0 L/ha (19 September)

CBR control: Metam 70.1 L/ha (23 April)

Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (7 July, 31 July, 27 August, 19 September)

September)
Landplaster: 1569 kg/ha (20 June)
Liquid Manganese: 2.3 L/ha (7 July, 31 July)
Cultivation: 20 June
Digging date: 24 October, 1997

Plant growth/canopy modifier test - Surry

Location: Keith Seward Farm, Surry, VA
Soil type: loamy sand
Crop history: wheat/sorghum 1995; corn, 1996
Land preparation: Moldboard plow and disk
Cultivar: VA-C 92R
Planting dates: 12 May
Herbicides: Pre-plant
Dual 8E 1.1 L/ha + Pursuit 0.15 L/ha
Pre-emergence
Dual 8E 1.1 L/ha + Pursuit 0.15 L/ha
Post-emergence
Poast 2.3 L/ha (27 August)
Insecticides: Temik 15G 5.6 kg/ha (in-furrow, at planting)
Lorsban 15G 14.6 kg/ha (16 July)
Acaricides: Danitol 2.4 EC 1.0 L/ha (19 September)
Leaf spot control: Bravo Weather Stik 1.75 L/ha according to the Virginia leaf spot advisory program (30 July, 27 August)

Landplaster:	1233 kg/ha
Liquid Manganese:	2.3 L/ha (30 July)
Cultivation:	16 July
Digging date:	14 October, 1997