

Table 1. Economic threshold study – Early planting  
 UW Arlington Ag Research Station – 2002  
 Soybeann: DSR215RR  
 Date of Planting: 6 MAY 2002

Treatment	Spray Dates	Aphid Sampling* 7/3	Aphid Sampling 7/11	Aphid Sampling 7/18	Aphid Sampling 7/25	Aphid Sampling 8/7	Yield Bu/A†
Unsprayed Check	-	1.2 B	5.6 A	8.0 A	15.1 AB	126.5 BC	70.9 AB
Low Rate Spray (Warrior 0.015 lbs aia)	8/6	1.2 B	20.5 A	40.1 A	30.0 A	108.0 C	72.0 A
Med Rate Spray (Warrior 0.025 lbs aia)	8/6	2.4 A	4.2 A	7.9 A	13.4 AB	166.5 A	70.8 AB
High Rate Spray (Warrior 0.030 lbs aia)	8/6	0.9 B	3.4 A	7.4 A	10.7 AB	138.4 B	68.7 B
Multiple Spray (Warrior 0.030 lbs aia)	7/1, 7/9, 7/16, 7/23, 7/30, 8/6	0.3 B	1.1 A	0.6 A	0.4 B	2.43 D	72.8 A
LSD $\alpha=0.05$ Means with the same letter are not significantly different		1.07	19.71	41.41	20.82	24.14	3.11

\* Aphid samples are mean numbers per plant based on a 10 plant sample size.

† Yield based on harvest of middle two rows of each plot, all yields were standardized to 13% moisture.

Table 2. Economic threshold study – Late planting  
 UW Arlington Ag Research Station – 2002  
 Soybean: NKS19-T9  
 Date of Planting: 30 May 2002

Treatment	Spray Dates	Aphid Sampling* 7/11	Aphid Sampling 7/18	Aphid Sampling 7/25	Aphid Sampling 8/1	Aphid Sampling 8/8	Yield Bu/A†
Unsprayed Check	-	4.7 A	9.7 AB	22.0 A	349.8 A	193.9 A	66.6 B
Low Rate Spray (Warrior 0.015 lbs aia)	8/6	5.8 A	7.9 AB	21.0 AB	327.0 A	146.7 B	67.5 AB
Med Rate Spray (Warrior 0.025 lbs aia)	8/6	4.9 A	7.8 AB	16.9 BC	227.9 B	151.1 B	68.7 A
High Rate Spray (Warrior 0.030 lbs aia)	8/6	4.3 A	25.7 A	15.7 C	177.7 B	95.6 C	67.6 AB
Multiple Spray (Warrior 0.030 lbs aia)	7/9, 7/16, 7/23, 7/30, 8/6	0.2 B	2.1 B	0.7 D	0.0 C	0.2 D	68.4 A
LSD $\alpha=0.05$ Means with the same letter are not significantly different		2.93	19.81	4.47	65.49	31.26	1.64

\* Aphid samples are mean numbers per plant based on a 10 plant sample size.

† Yield based on harvest of middle two rows of each plot, all yields were standardized to 13% moisture.