

Table 1. Effect of foliar fungicides application at R3 growth stage on soybean diseases, defoliation and yield during 2012, Nashua, IA¹

Products tested	Application Rate/Ac	SDS (%)		WM (%)		SVN (%)		Defoliation%	Yield Bu/Ac
		Inc	Sev	Inc	Sev	Inc	Sev		
Priaxor+NIS ²	4 fl oz + 0.25%v/v	0.00a	0.0a	0.00b	0a	15a	5a	12.5bc	69.81a
Headline SC+NIS	5.3 oz + 0.25%v/v	0.16a	17.5a	0.00b	0a	15a	5a	15.0bc	69.12ba
Gem 500 SC+NIS	3 oz + 0.25%v/v	0.34a	20.0a	0.00b	0a	15a	5a	12.5bc	67.63bac
Quadris + NIS	6 oz + 0.25%v/v	0.39a	17.5a	0.00b	0a	15a	5a	22.5ba	66.57bac
BAS700 04+NIS	2.2 oz + 0.25%v/v	0.18a	7.5a	0.01b	20a	15a	5a	10.0c	65.96bac
Stratego YLD + NIS	4 oz + 0.25%v/v	0.43a	17.5a	0.04ba	30a	15a	5a	15.0bc	64.20bac
Tilt 3.6E+NIS	3 oz + 0.25%v/v	0.24a	12.5a	0.00b	0a	15a	5a	18.0bc	63.86bac
Unsprayed control	0	0.00a	0.0a	0.08a	35a	15a	5a	30.0a	63.49bac
Quilt Xcel + NIS	10.5 oz + 0.25%v/v	0.03a	7.5a	0.01b	20a	15a	5a	17.5bc	62.03bc
Proline 480SC+NIS	1.05 oz + 0.25%v/v	0.22a	8.8a	0.00b	0a	15a	5a	20.0bac	60.23c

Means with the same letter are not significantly different ($P < 0.05$). ¹Values are mean of four replications, Inc= incidence, Sev= severity, ²NIS = Non-ion surfactant Activator 90 from Loveland Industries. Severities of bacterial leaf blight and frogeye leaf spot was <1% in all the treatments. SDS= Sudden death syndrome, WM= white mold, SNV= Soybean vein necrosis. Note: Application rate of Proline was lower in this trial than in 2013.