

2013 Hard Red Spring Wheat Scab Fungicidal Trial
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North Central REC—Minot

Location: NCREC, Minot, ND
 Crop Variety: Spring Wheat "Barlow"
 Planting date: 5/17/2013
 Seeding Rate: 90lbs/ac
 Herbicides: Application Date: 6/19/13
 Bromoxynyl@12oz/ac, Starane@6oz/ac @ axial XL 16 oz/ac

Application Equipment Hand held co2 sprayer
 Application Volume 10GPA
 Nozzle size: XR Teejet 8001v8@ 40PSI
 GPS Coordinates for test site N48.16795 W101.30897
 Plot Size: 10*30ft
 4 Replications (Randomized complete block design)
 Harvest Date: September 6, 2013

Treatment	Rate (Fl oz)/ac	¹ Scab Incidence%		² Scab Severity%		Yield(bu/ac)	
Non-treated Check	N/A	22.1	a	29.8	a	53.8a	a
Prosaro	6.5	1.9	c	18.1	a	56.3a	a
Aproach	6	13	ab	7.1	b	57.3a	a
Aproach Prima	5	7	b	5	b	60a	a
QuiltXcel	10.5	8.6	ab	6	b	56a	a
Priaxor	4	8.7	ab	7.1	b	54a	a
Stratego YLD	4	7.4	b	7.9	b	56.3a	a
LSD(0.05)		1.949		1.86		6.39	
CV		20.47		17.99		7.66	

¹Scab Incidence: No of wheat heads infected with scab out of all heads evaluated (i.e. diseased and non-diseased)

²Scab Severity: Average surface area affected across all heads evaluated (i.e. diseased and non-diseased)

Means within the same column followed by the same letter are not significantly different.