

BASF Wheat Fungicide Trial Report – 2008
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Location: Saline County 1.9 miles south of 41 and 15 junction
 Variety: 2137
 Planted: October 1, 2007
 Plot size: 14 ft long by 5 ft wide
 Replications: 5
 Experimental design: randomized complete block
 Fungicide application: CO₂-powered backpack sprayer, 3 ft boom with 4 TeeJet 8001 VS nozzles, set at 35 psi
 Spray volume: 16.5 gallons/acre
 Fungicide application date: 21 May
 Foliar disease controlled: Septoria leaf blotch
 Other diseases observed: Fusarium head blight (scab).

Treatment	Rate fl. oz /acre	Disease severity (%) June 9	Disease severity (%) June 16	Yield bu/acre
Check	...	34.6 a	79.0 a	37.9 c
Headline + NIS	6 0.25% v/v	0.2 b	1.2 c	53.8 ab
Confidential	7	0.2 b	0.8 c	52.5 ab
Confidential	9	1.0 b	3.0 c	55.5 ab
Quilt	10.5	1.8 b	4.2 bc	50.5 ab
Quilt	14	8.2 b	15.0 b	46.1 bc
Stratego	7	2.4 b	10.8 bc	53.0 ab
Stratego	10	1.7 b	9.0 bc	49.8 ab
*NutriPak 8-10-2 fertilizer	16	30 a	78.0 a	54.1 ab
*NutriPak 8-10-2 fertilizer + Headline + NIS	16 6 0.25% v/v	4.4 b	7.2 bc	57.6 a
LSD (0.05)		9.7	11.0	10.8
P value for treatment		<0.0001	<0.0001	0.0450

**NutriPak* Prima is a soil and foliar supplement with proprietary blend of fertilizer and seaweed plant extracts from *kelp*. (*ascophyllum nodosum*). This one year, replicated data, shows a yield increase from *NutriPak* despite disease present on the flagleaf and high fertility environment.