

HRS wheat response to early-season applied foliar fungicides, Carrington, 2008.
(Greg Endres)

The field demonstration was conducted at the NDSU Carrington Research Extension Center with 'Glenn' HRS wheat seeded on April 29, 2008 and spring wheat as the previous crop. Wheat strips were 10 by 80 ft and treatments included an untreated check, Punch at 3 fl oz/A, and Headline at 3 fl oz/A plus NIS (Induce) at 0.125% v/v. Fungicides were applied using a CO₂-hand-boom plot sprayer delivering 13 gal/A at 35 psi through 8001 flat fan nozzles on June 7 with 67 F and 59% RH to 4-leaf wheat. Leafspot disease was visually evaluated by examining 10 plants/stop with two stops/plot.

No crop response or leaf rust were observed. Leafspot incidence and severity are listed in the table.

Table.

| Fungicide | | Leafspot disease (%) | | |
|-----------------|----------|----------------------|----------|----|
| Treatment | Rate/A | incidence | severity | |
| | fl oz | 20-Jun | 28-Jul | |
| untreated check | x | 4 | 15 | 7 |
| Punch | 3 | 2 | 7 | 11 |
| Headline+NIS | 3+0.125% | 0 | 0 | 5 |
| mean | | 2.17 | 11.4 | 6 |