

Table 1. General fungicide comparisons. Fungicide applications were made at approximately Feekes 10.

| Treatment ^w , rate/A | Severity rating (0-9) | | Yield (bu/A) ^y | Difference from non-treated | Test weight (lbs/bu) ^x | Difference from non-treated |
|---------------------------------|-----------------------|-------------|---------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | Leaf rust | Stripe rust | | | | |
| Non-treated check | 1.2 a | 4.2 a | 63.0 f | ... | 64.0 abc | ... |
| Alto 2.0EC, 4 fl oz | 0.7 ab | 1.0 d | 69.0 bcdef | +6.0 | 63.9 c | -0.1 |
| Evito 4.0SC, 4 fl oz | 1.0 ab | 1.7 bc | 63.5 ef | +0.5 | 64.1 a | +0.1 |
| Folicur 3.6EC, 4 fl oz | 1.0 ab | 1.2 cd | 74.4 ab | +11.4 | 64.0 abc | - |
| Headline 2.09EC, 6 fl oz | 1.0 ab | 1.5 bcd | 74.3 ab | +11.3 | 64.0 ab | - |
| Headline 2.09EC, 9 fl oz | 1.2 a | 2.0 b | 65.5 def | +2.5 | 64.0 ab | - |
| Headline AMP 1.68SC, 10 fl oz | 0.7 ab | 1.2 cd | 72.2 abc | +9.2 | 64.0 ab | - |
| Priaxor 4.17SC, 4 fl oz | 0.7 ab | 1.0 d | 71.8 abcd | +8.8 | 64.0 ab | - |
| Quadris 2.08SC, 6 fl oz | 0.7 ab | 1.0 d | 69.8 bcde | +6.8 | 63.9 bc | -0.1 |
| Quadris 2.08SC, 9 fl oz | 0.5 b | 1.5 bcd | 69.2 bcdef | +6.2 | 64.0 abc | - |
| Quilt Xcel 2.25SC, 10.5 fl oz | 0.7 ab | 1.7 bc | 74.2 ab | +11.2 | 64.0 bc | - |
| Tilt 3.6EC, 4 fl oz | 1.0 ab | 1.2 cd | 69.5 bcde | +6.5 | 64.0 ab | - |
| LSD (0.05) | 0.53 | 0.59 | 6.29 | ... | 0.125 | ... |
| <i>P</i> -value for F-statistic | 0.148 | < 0.0001 | 0.0016 | ... | 0.207 | ... |

^wAll fungicide treatments included a non-ionic surfactant at 0.25% v/v.^yYields are weight of wheat with moisture content adjusted for 13%.^xMeans followed by the same letter(s) in a column are not significantly different according to Fisher's Protected LSD ($P=0.05$).**Table 2.** Fungicide product comparison, BASF product comparisons. Fungicides were applied at approximately Feekes 10.5.

| Treatment ^w , rate/A | Severity rating (0-9) | | Yield (bu/A) ^y | Difference from non-treated | Test weight (lbs/bu) ^x | Difference from non-treated |
|---------------------------------|-----------------------|-------------|---------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | Leaf rust | Stripe rust | | | | |
| Non-treated check | 0.7 a | 3.7 a | 66.8 a | ... | 58.7 a | ... |
| Headline 2.08EC, 6 fl oz | 0.0 b | 2.7 bc | 73.7 a | +6.9 | 59.8 a | +1.1 |
| Priaxor 4.18SC, 4 fl oz | 0.2 ab | 3.2 ab | 70.2 a | +3.4 | 58.8 a | +0.1 |
| TwinLine 1.75EC, 9 fl oz | 0.0 b | 2.0 c | 73.9 a | +7.1 | 59.8 a | +1.1 |
| LSD (0.05) | 7.69 | 0.85 | 7.69 | ... | 2.15 | ... |
| <i>P</i> -value for F-statistic | 0.42 | 0.02 | 0.42 | ... | 0.69 | ... |

Table 3. Fungicide product comparison, DuPont product comparisons. Fungicides were applied at approximately Feekes 10.5.

| Treatment ^w , rate/A | Severity rating (0-9) | | Yield (bu/A) ^y | Difference from non-treated | Test weight (lbs/bu) ^x | Difference from non-treated |
|---------------------------------|-----------------------|-------------|---------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | Leaf rust | Stripe rust | | | | |
| Non-treated check | 0.0 | 4.7 a | 72.5 a | ... | 59.1 a | ... |
| Approach 2.08SC, 6 fl oz | 0.0 | 2.7 b | 72.7 a | +0.2 | 59.8 a | +0.7 |
| Approach 2.08SC, 9 fl oz | 0.0 | 3.5 b | 72.5 a | - | 59.0 a | -0.1 |
| LSD (0.05) | ... | 0.96 | ... | ... | 1.62 | ... |
| <i>P</i> -value for F-statistic | ... | 0.0271 | ... | ... | 0.6947 | ... |