The Observed Differences, in Dollars.

Each foliar fungicide/insecticide comparison, at one set of stated book assumptions — not current market prices.

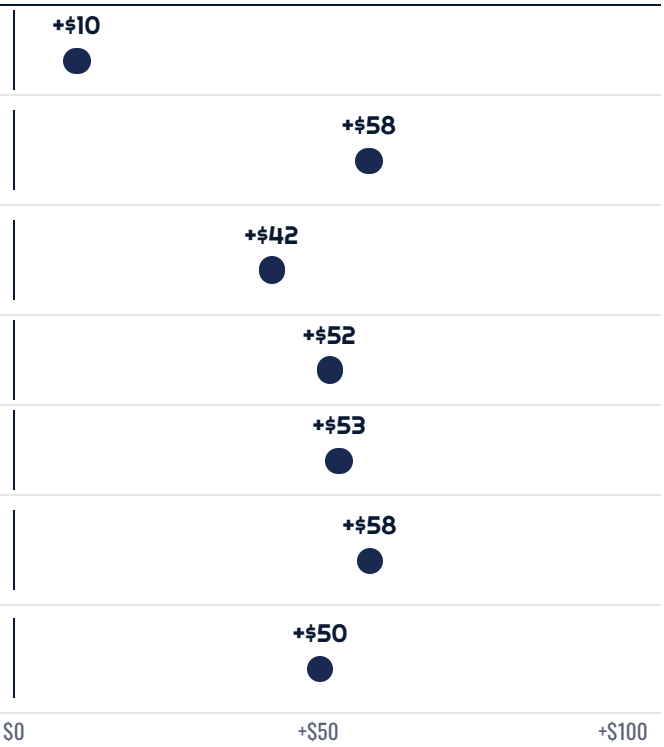
$4.55
CORN, PER BU

$12.62
SOYBEANS, PER BU

$35
TREATMENT COST / ACRE PRODUCTS + APPLICATION

7.69 / 2.77
BREAK-EVEN BU/AC CORN / SOYBEANS

COMPARISON	OBSERVED DIFF.	BREAK-EVEN	REVENUE DIFF.
Danforth corn plot 26 hybrids · fungicide/insecticide vs. non-treated plot averages	**+10.0** BU/AC	**7.69** BREAK-EVEN	**+$45** REVENUE
Corn field trial · AgriGold 644-64VT2 Fungicide/insecticide 480 ft vs. next 480 ft · as planted	**+20.5** BU/AC	**7.69** BREAK-EVEN	**+$93** REVENUE
Corn field trial · Hoegemeyer 8440V Fungicide/insecticide 480 ft vs. next 480 ft · as planted	**+17.0** BU/AC	**7.69** BREAK-EVEN	**+$77** REVENUE
Danforth soybean plot 28 varieties · fungicide/insecticide vs. non-treated plot averages	**+6.9** BU/AC	**2.77** BREAK-EVEN	**+$87** REVENUE
Danforth Stine plot 25 entries · fungicide/insecticide vs. non-treated plot averages	**+7.0** BU/AC	**2.77** BREAK-EVEN	**+$88** REVENUE
Soybean field trial · Stine 31EJ82 Yield monitor · fungicide/insecticide 480 ft vs. next 480 ft	**+7.4** BU/AC	**2.77** BREAK-EVEN	**+$93** REVENUE
Soybean field trial · scale weights Weigh wagon · 180 ft each side, 7.5 ac · 31EJ82	**+6.8** BU/AC	**2.77** BREAK-EVEN	**+$85** REVENUE



Observed revenue difference = yield difference × stated crop price. Estimated return after treatment cost = revenue difference − $35/acre. Other costs that change with yield are not included; this is not whole-farm profit. Break-even = $35 ÷ stated price (7.692 bu corn, 2.773 bu soybeans), shown rounded. Plot differences use unrounded plot averages; field-trial differences come from the raw harvest files (fungicide/insecticide 480 ft vs. the next 480 ft). The $35 cost is applied only to fungicide/insecticide comparisons — not to seed-treatment or tillage results.