



SEED  
GERMINATION

VEGETATIVE GROWTH

REPRODUCTIVE  
GROWTH



| Crop               | First application                 | Second application                  | Third application                         | Fourth application                          | Yield target (reference) | Estimate N cost savings per acre |
|--------------------|-----------------------------------|-------------------------------------|-------------------------------------------|---------------------------------------------|--------------------------|----------------------------------|
| White Winter Wheat | 7 gallons FW in-furrow @ planting | 30 units of UAN banded @ "green-up" | 10 gallons FW foliar @ mid-late tillering | 10 gallons FW foliar w/ fungicide @ heading | 60 bushel per acre       | \$45.50                          |
| Red Spring Wheat   | 7 gallons FW in-furrow @ planting | 30 units of UAN banded @ "green-up" | 10 gallons FW foliar @ mid-late tillering | 10 gallons FW foliar w/ fungicide @ heading | 45 bushel per acre       | \$45.50                          |

## IMPROVE PLANT HEALTH – RESTORE SOIL QUALITY – INCREASE PROFITABILITY

**FW**= Firewater Product

**UAN**= Urea Ammonium-nitrate 28%

**Urea**= Urea 46%

**Units**= Actual pounds of nitrogen

**DISCLAIMER:** Chart above is an example to provide a base program for the use of Firewater as a partial synthetic nitrogen replacement. Please consult your agronomist prior to using Firewater in your program. Cost Savings are approximate and are based off of US commodity pricing during the time of writing this chart and may change rapidly. Yield Target is based off common yield in traditional programs projected to be matched with Firewater.



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