

OBJECTIVE

To assess the yield response of a foliar spray of Fertileader Elite at panicle initiation (R0) on main crop of rice.

Site Location:

Qulin, MO

Researcher:

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University of Missouri

TIMAC AGRO PRODUCT



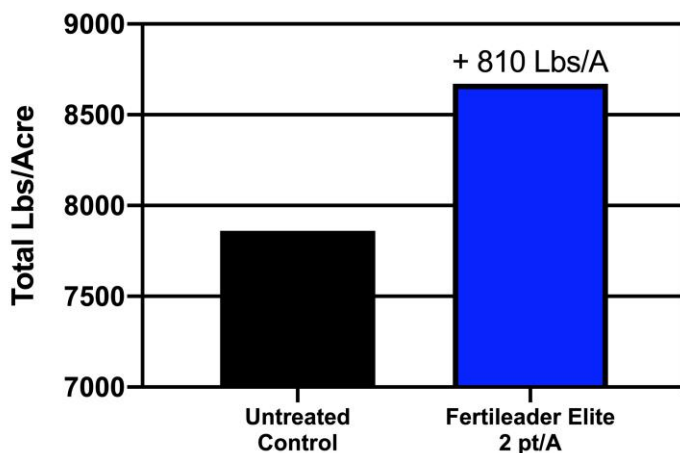
KEY FINDINGS

+810 lbs/ac

More than untreated control

ROI:
\$87.88/ac

Rice Yield Response from Foliar Spray of Fertileader Elite at Panicle Initiation (Qulin, MO)



Graph above: Foliar spray of Fertileader Elite improved yield 810 lbs for main crop. The Gross Revenue above was calculated at \$12.50/cwt for rice with Fertileader Elite retail cost of \$53.50/gallon.

APPLICATION

Treatment	Application Rate
Control	N/A
Fertileader Elite	2 pint/A

MATERIALS AND METHODS

The location of this study was on a Crowley silt loam soil located at the Missouri Rice Research Farm near Quilin, MO. A soil test indicated that pH was above 6.8 and soil nutrients were classified as either good or very good. University of Missouri fertilizer application rates and timings were followed for all treatments. The experimental design was a randomized complete block with four replications. Plots were 20 ft long by 13 ft wide. Fertileader Elite was applied 30 days after planting (25 May – internode elongation/panicle initiation) at 2 pint/acre. Plots were harvested, and total weight of grain was used to calculate yield and test weight.

RESULTS AND CONCLUSIONS

Foliar spray of Fertileader Elite (2 pint/A) at panicle initiation improved rice yield over untreated control by 810 lbs/acre. This resulted in a ROI of \$87.88/acre.

RETURN ON INVESTMENT

Treatment	Main Crop Yield (lbs/ac)	Gross Revenue @ \$12.50/cwt	Change from Control	Added Costs/ ac	ROI
Untreated Control	7860	\$982.50	-	\$0.00	-
Fertileader Elite (2 pt/A)	8670	\$1,083.75	\$101.25	\$13.37	\$87.88

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3/17/2021