Excelis Maxx with Pre-Flood Urea

Rice

OBJECTIVE

To assess the yield response for a total crop of rice using Excelis Maxx nitrogen stabilizer (1 quart/ton) to 135 lbs of urea (62 lbs N) and 225 lbs of urea (103 lbs N) fertilizer application 10 days before flood.

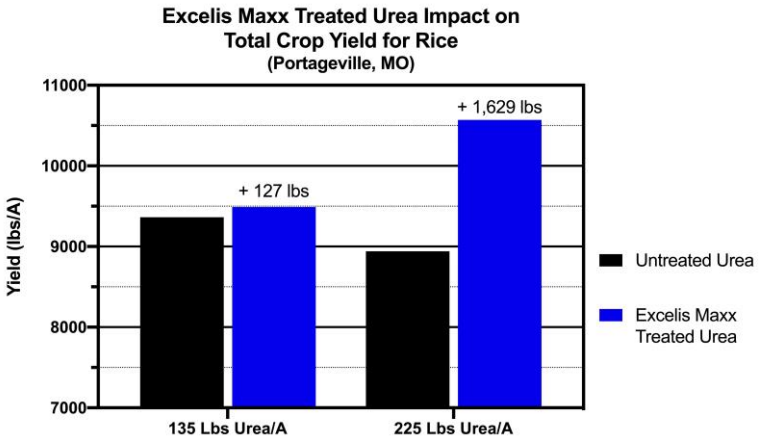
Site Location:
Portageville, MO

Researcher:
David Dunn, Ph.D.
University of Missouri

Trial ID: DT-18-CM-RIC-EM

TIMAC AGRO PRODUCT

EXCELIS MAXX
RHIZOVIT-LCN



KEY FINDINGS

+127 lbs/ac
when Excelis Maxx applied with 135 Lbs Urea/Acre
ROI: **$11.38/ac**

+1,629 lbs/ac
when Excelis Maxx applied with 225 Lbs Urea/Acre
ROI: **$196.88/ac**

Graph: Excelis Maxx treated urea improved yield 127 and 1,629 lbs for main crop over untreated urea rates of 135 and 225 lbs, respectively. The Gross Revenue above was calculated at $12.50/cwt for rice with Excelis Maxx retail cost of $240/gallon.

RETURN ON INVESTMENT

Treatment	Total Crop Yield (lbs/ac)	Gross Revenue @ $12.50/cwt	Change from Control	Added Costs/ac	ROI
135 Lbs Urea (No Stabilizer)	9364	$1,170.50	-	$0.00	-
135 Lbs Urea treated w/ Excelis Maxx (1 Qt/Ton)	**9491**	**$1,186.38**	**$15.88**	**$4.05**	**$11.38**
225 Lbs Urea (No Stabilizer)	8942	$1,117.75	-	$0.00	-
225 Lbs Urea treated w/ Excelis Maxx (1 Qt/Ton)	**10571**	**$1,321.38**	**$203.63**	**$6.75**	**$196.88**