

TRIAL SUMMARY

RICE

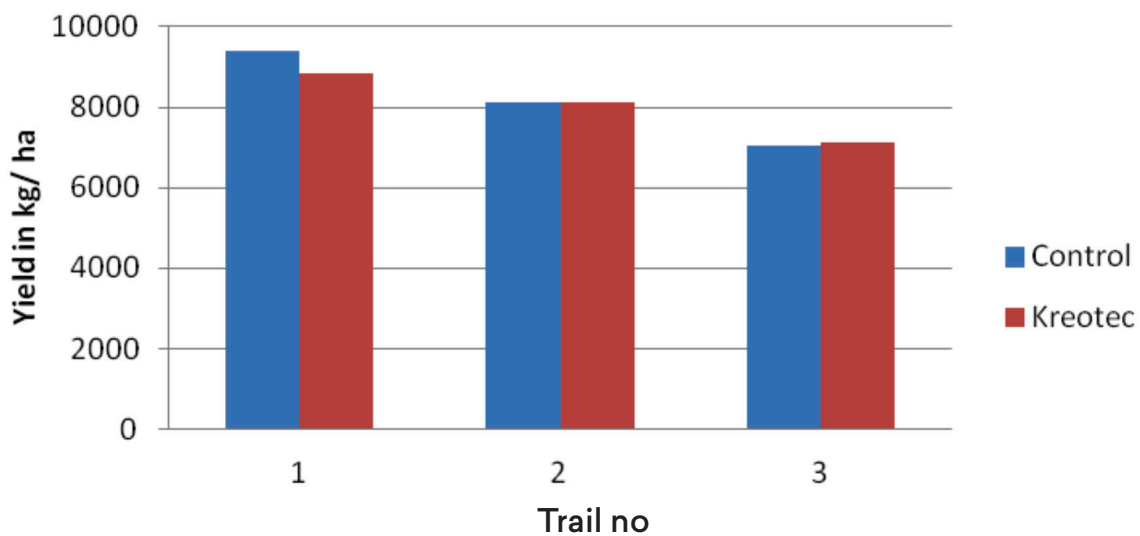


Product	KREOTEC
Country:	Albufera de Valencia, Spain
Conducted by:	Symborg S.L.
Crop:	Rice variety J. Sendra
Application:	Type of product: Wettable powder Foliar application. Kreotec was applied at a dose of 450g / ha by foliar application with a 40% reduction of nitrogen fertilization. The results were compared with a conventional fertilization treatment
Trial Design:	Two research plots were used in this trail. Control plot was sprayed with conventional fertilization and a test plot was added with kreotec with 40% reduction in nitrogen. Three different trails were conducted.
Objectives:	<ol style="list-style-type: none"> 1. Evaluation of Kreotec on rice cultivation subjected to a dose of nitrogen fertilization of 60% of conventional fertilization. 2. Evaluation of parameters such as Spad, cfu per gram of leaf and yield of the harvest. 3. Monitoring of vegetation indexes through satellite photos.
Results:	<ol style="list-style-type: none"> 1. Kreotec could confirm all leaf micro organisms' presence throughout crop cycle. 2. Chlorophyll levels were maintained without significant difference from the control (conventional fertilization). 3. In trails 2 and 3 Kreotec supplies the lack of 40% nitrogen fertilization in rice.

TRIAL SUMMARY

RICE

Comparitive analysis of traditional fertilisers and Kreotec on Rice yield



Treatment

Treatment	Treatment Name	Concentration	Units	Format	Units	Comments
Trial 1	KREOTEC	2,2x10 ⁶	Cfu/gr	Powder	450 gr/ha	60% conventional fertilization
Trial 2	KREOTEC	2,2x10 ⁶	Cfu/gr	Powder	450 gr/ha	60% conventional fertilization
Trial 3	KREOTEC	2,2x10 ⁶	Cfu/gr	Powder	450 gr/ha	53% conventional fertilization

Yield

	Yield (kg/ha)		Increase kg kg/ha (%)
	CONTROL	KREOTEC	KREOTEC
Trial 1	9399.6	8859.1	-5,7
Trial 2	8124.0	8117	-0,008
Trial 3	7031.0	7126	1,35