



Trial Summary - Rice



Trial date: 2014

Report: On-farm trials testing double inoculation of Eco-T and eNrich of rice at Bama (Burkina Faso)

Trial type: Split block demonstrations across 9 farms. Field plots were 0.5Ha basins split into 2 halves.

Product: C active foliar (Branded eNrich)

Country: Ghana

Company: Bioteq

Location: Burkina Faso

Crop: Rice

Variety: TS2, FKR28, FRK 29

Irrigation: Flood irrigation

Fertiliser: NPK and Urea top dress (Refer to figure 2)
C active was applied in addition to the farmers standard fertiliser program.
All other aspects of production were left to the discretion of the farmer.
Eco-T was also applied to trial plots.

C active

Application: First application: C active applied at the nursery stage before transplant via foliar application using a knapsack.
Second application: Foliar application 2 weeks after transplant using a knapsack.

Results:

TABLE 1: Rice Production Data

Variety	Treated Plot Yield (Kg/Ha)	Untreated Plot Yield (Kg/Ha)	Yield Increase (Kg/Ha)	Yield Increase %	Value of increase (\$/Ha)
T1	2320	1620	700	43.20%	\$196.00
FKR 28	5056	3696	1360	36.80%	\$380.80
FK 19	5228	4532	696	15.40%	\$194.90
TS2	5300	4750	550	11.60%	\$154.00
FKR 19	5568	3896	1672	42.90%	\$468.20
TS2	6700	5824	876	15.00%	\$245.30
TS2	8000	6500	1500	23.10%	\$420.00
TS2	8750	7500	1250	16.70%	\$350.00
TS2	9420	7234	2186	30.20%	\$612.10
AVG	6260	5061	1199	26.10%	\$336.00



Trial Summary - Rice



TABLE 2: Fertiliser Input

NPK type	NPK (kg/Ha)	NPK days after transplant	Urea top dressing (kg/Ha)	Urea days after transplant	N	P	K	S	B
14-23-14	150	0	150	29	90	35	21		
14-23-14	150	0	150	23	90	35	21		
14-23-14	125	15	200	30	110	29	18		
14-23-14	200	18	150	23	97	46	28		
15-15-15	150	16	150	31	92	23	23		
14-18-18+6S+1B	200	0	150	35	97	36	36	12	2
14-23-14	200	12	200	27	120	46	28		
14-23-14	150	15	150	29	90	35	21		
14-23-14	250	11 and 26 (50:50)	200	37	127	58	35		



Trial Summary - Rice



Yield: Across 9 farms eNrich in combination with Eco-T increase yield by 26.10%

The lowest yield increase was 11.60%.

Economics: Across 9 farms there was an increase in production of \$336.00/Ha

Conclusion: In combination with low inputs, results suggest that eNrich performs well in rice under subsistence conditions. Data indicates that consistent improvements in yields can be achieved with correct application in rice.



All farmers who participated in the trial were convinced the product was effective.

Full trial reports can be supplied on request.



Thinkbio would like to acknowledge and thank Bioteq for their work in conducting this trial.
www.bioteq-ouest.com

GENERAL ENQUIRIES, SALES, ADMINISTRATION & FINANCE

Lisa Anderson
Tel: 042 700 3881
lisa@thinkbio.com.au

Head Office
thinkbio
47 Moncur St
Woollahra, NSW 2025
Australia

PO Box 595
Waverley NSW 2024
Australia

TECHNICAL, R&D AND PRODUCTION ENQUIRIES

Kyle Merritt
Tel: 040 08 85199
kyle@thinkbio.com.au

Laboratory
thinkbio
3 Bearing Avenue
Warana QLD 4575
Australia

PO Box 828
Cotton Tree QLD 4558
Australia