



Trial Summary - Maize



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| 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 10 farms. |
| Product: | C active foliar (Branded eNrich) |
| Country: | Ghana |
| Company: | Bioteq |
| Location: | Burkina Faso |
| Crop: | Maize |
| Irrigation: | Rain fed |
| Fertiliser: | 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: | Enrich was applied via knapsack during vegetative growth. |

Results

Maize Production Data

| Trial | Treated Plot Yield (Kg/Ha) | Untreated Plot Yield (Kg/Ha) | Yield Increase (Kg/Ha) | Yield Increase % | Value of increase (\$/Ha) |
|-------|----------------------------|------------------------------|------------------------|------------------|---------------------------|
| 1. | 2200 | 1620 | 580 | 35.80% | \$145.00 |
| 2. | 2225 | 1350 | 875 | 64.80% | \$218.70 |
| 3. | 2420 | 1400 | 1020 | 72.90% | \$255.00 |
| 4. | 2440 | 1820 | 620 | 34.10% | \$155.00 |
| 5. | 2550 | 1800 | 750 | 41.70% | \$187.50 |
| 6. | 3080 | 2380 | 700 | 29.40% | \$175.00 |
| 7. | 3125 | 2075 | 1050 | 50.60% | \$262.50 |
| 8. | 3480 | 2620 | 860 | 32.80% | \$215.00 |
| 9. | 3860 | 2640 | 1220 | 46.20% | \$305.00 |
| 10. | 3875 | 3125 | 750 | 24.00% | \$187.50 |



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Yield:

Across 10 farms eNrich in combination with Eco-T increase yield by 24.00%

Economics:

Across 10 farms there was an increase in maize production by \$187.50/Ha

Conclusion:

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

Full trial reports can be supplied on request.

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