



# SOYBEANS

## BRAZIL, 2020



### BAM-FX®

Is a highly unique composition that elicits priming in plants. The technology is formulated to enhance plant growth and development through increased nutrition efficiency, biotic and abiotic stress tolerance and/or improved crop quality traits. Results consistently demonstrate yield, quality, and overall plant vigor increases.

### FIELD STUDY OBJECTIVE:

Evaluate the yield response to the application of BAM-FX in soybean cultivation.



## FIELD STUDY DETAILS AND PROTOCOL:

1st Application

**0.25** 

L/ha in the planting furrow

2nd Application

**0.25** 

L/ha at the V4 stage

3rd Application

**0.25** 

L/ha at the R1 stage

Total Cost per hectare:

**\$16.25** 

(full season, 3 applications)

## PRODUCER HARVEST DATA

Additional  
productivity per hectare

**+2.6** 

bags

Average price  
of soybean 2021

**\$26.85** 

USD/bag

Net Profitability  
according to CEPEA\*  
average price:

**+\$53.56** 

USD/ha

## SUMMARY OF RESULTS



BAM-FX significantly improved plant performance with regards to yield response, overall plant vigor, and uniform stand establishment



Application rate (U.S. conversion ounces/acre):

- **0.25** liters per Hectare = **3.4 ounces** per acre of BAM-FX product applied per acre
- **3.4** oz product/A x 3 applications = **~10 ounces** of BAM-FX total product applied
- **10** oz product = **\$6.40 USD** per acre product cost



**\$70 USD increase yield value per Ha = \$28 increase in yield value per acre**



Return on BAM-FX investment per acre is **over 3:1**

\* CEPEA = Center for Advanced Studies on Applied Economics (Brazil)