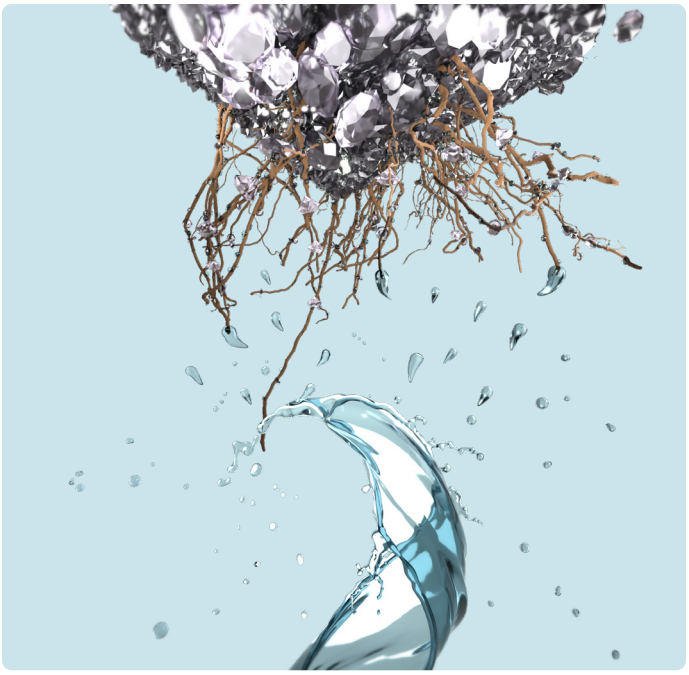
BIOASIS POWER



MORE is MORE

Don't let a temporary weather event change your fortunes. Multiple modes of action means increased productivity and profitability. Bioasis promotes root growth, supports absorption, and helps crops retain water to mitigate stress in drought conditions.

PRODUCT BENEFITS:

BIOASIS is a soil amendment composed of *Bacillus aryabhattai, Bacillus circulans, Bacillus licheniformis,* bacteria recommended for use on agricultural crops.

- Supports abiotic stress tolerance in plants
- Improve soil nutrient conditions

TECHNICAL INFORMATION:

PRODUCT NAME:
Bioasis

PRODUCT AND FORMULATION TYPE:
Liquid Soil Amendment

APPLICATION METHODS & DOSE RATES:
Seed Treatment: 1.5–2.3 fl oz/cwt (100lb of seeds)

Planting furrow: 1.5–2.1 fl oz/ac

Broadcast Spray: 1.5–2.1 fl oz/ac

CONCENTRATION/GUARANTEES:
Bacillus aryabhattai, isolated CMFMA529
3.3 x 10^7 CFU/mL

Bacillus circulans, isolated CCTB15
3.3 x 10^7 CFU/mL

Bacillus licheniformis, isolated CMFMA137
3.3 x 10^7 CFU/mL

CROPS:
Priority: Soybeans, Corn, Sorghum, Wheat, Cotton, Rice, Peanut

Others: Sugarcane, Alfalfa, Beans, Barley, Oats, Canola, Rice, Potato, Tomato

AVAILABLE PACKAGING:
1-gallon jug (treats 60 to 85 acres or 85 cwt seeds – 170 x 50lb units)

2.5-gallon jug (treats 150 to 212.5 acres or 212.5 cwt seeds – 425 x 50lb units)

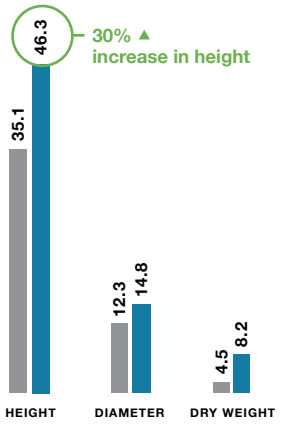
SHELF LIFE:
24 months at room temperature

BIOASIS POWER

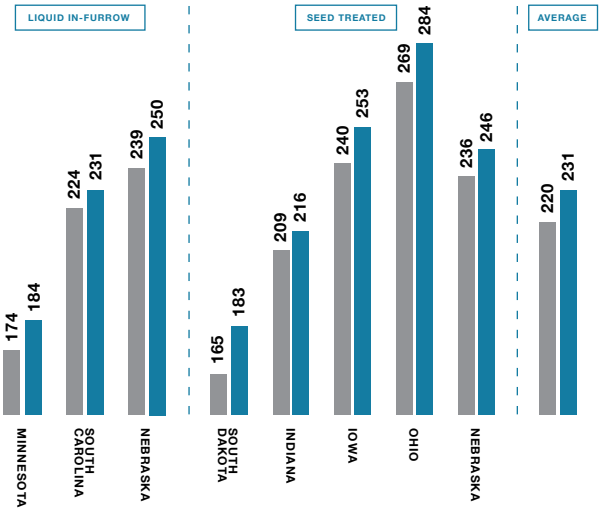
RESULTS AND ROI:

CHECK BIOASIS POWER

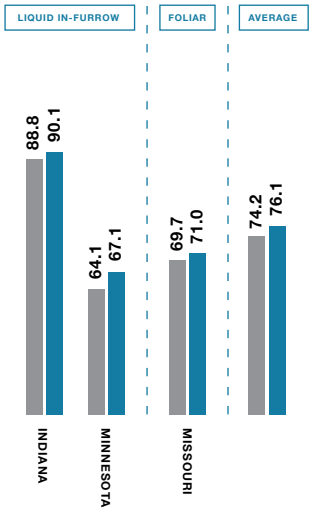
From NC State University:
Greater initial plant development

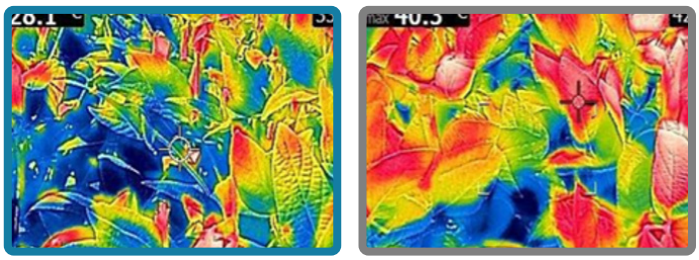


Corn by 8 different CROs in USA
On average 11 bu/ac increase ▲



Soybeans by 3 different CROs in USA
On average 1.9 bu/ac increase ▲



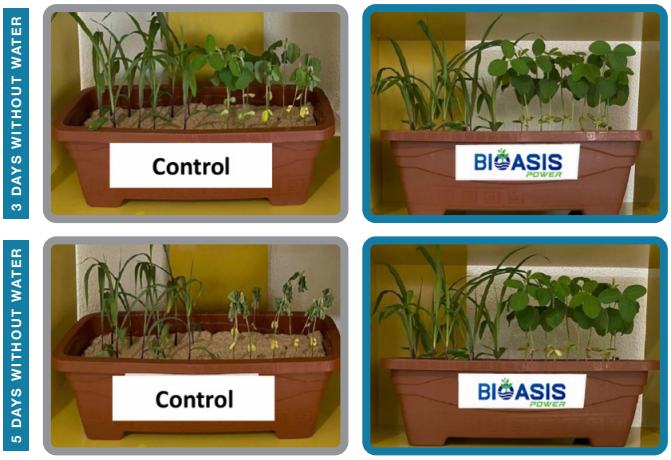


BIOASIS: FOLIAR

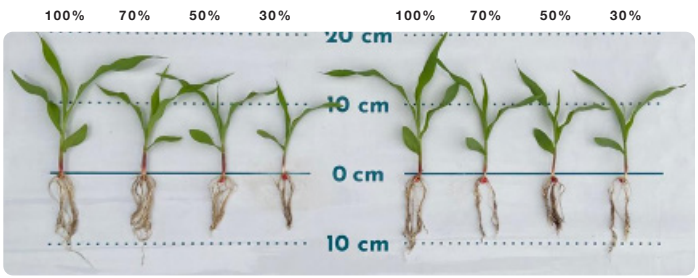
UNTREATED

HEAT STRESS

LESS STRESS MORE STRESS

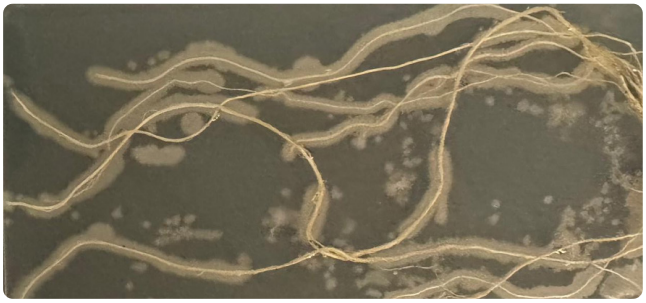


IRRIGATION



UNTREATED BIOASIS

DEVELOPMENT OF BIOASIS MICROORGANISMS IN CORN ROOTS
MOISTURIZING EFFECT



BIOASIS POWER

CHEMICAL AND BIOLOGICAL MIX VIABILITY:*

APPLICATION METHOD	ACTIVE INGREDIENTS / CHARACTERISTICS	VIABILITY
Foliar Spray	CLOROTALONIL	High
Seed Treatment	thiophanate-methyl + fluazinam	High
Foliar Spray	Organomineral fertilizer	High
Foliar Spray	2.4-D-DIMETILAMINA	High
Foliar Spray	thiamethoxam and lambda-cyhalothrin	High
Foliar Spray	BIXAFEM and prothioconazole and trifloxystrobin	High
Foliar Spray	IMIDACLOPRID	High
Foliar Spray	Molybdenum	High
Foliar Spray	Zinc	High
Foliar Spray	METOMIL	High
Seed Treatment	METALAXIL-M and fludioxonil	High
Foliar Spray	chlorantraniliprole	High
In-Furrow	fipronil	High
Foliar Spray	glyphosate	High
Foliar Spray	glyphosate	High
Seed Treatment	pyraclostrobin, thiophanate-methyl and fipronil	High
Foliar Spray	Zinc and Molybdenum	High
Foliar Spray	mancozeb	High
Foliar Spray	Nitrogen 1% + Zinc 40%	High
Seed Treatment	PIRIMIFOS-METILICO	High
Seed Treatment	deltamethrin	High
Seed Treatment	alt 1% (14G/L) Molybdenum 6% (84G/L) Nickel 0.5% (7G/L) Zinc 2.5% (35G/L) INDICE SALINO 9% Amino Acids	High
Seed Treatment	Zinc 4%, Molybdenum 0.50% and Total organic carbon 6%	High

*Capability of the microorganism to be tank-mixed with chemicals while maintaining its effectiveness