

BD-BIOCAST

MICROBIAL PLANT STIMULANT WITH
ORGANIC ACID & AMINO ACID PROFILE

Broadcast or Side Band application | Rate: 32 oz per acre | Spring



The all-around plant performance champion. For every operation.

BD-BioCast contains all the beneficial microbe teams in ENVIRONOC 401, but amplified with the added benefit of organic acid profiles and amino acid profiles derived from plant protein hydrolysates. The robust team of microbes generate biological diversity in the soil to solubilize nutrients and provide continued sustenance, while the organic and amino acids help chelate micronutrients and encourage additional uptakes of key nutrition and H₂O by the plant, leading to healthier, larger plants and increased yield potential.

No in-furrow? No problem. This product is specifically designed for broadcast or side band applications, so all growers can utilize the performance properties found in BD-BioCast.

What you'll see. Fields applied with BD-BioCast will see increased stand emergence and uniformity, enhanced crop vigor, larger and deeper root mass, and overall plant health through the reduction of plant stress due to environmental factors.

AGRONOMIC WINS

Sustained Biostimulant Release

Soil penetration ability allows for continual biostimulant sustenance to plant and soil.

Plant Growth & Health

Healthy plant vigor, emergence, stand quality and uniformity to protect against plant stress factors.

Carbon Source

Provides carbon that feeds plant and soil microbial population.

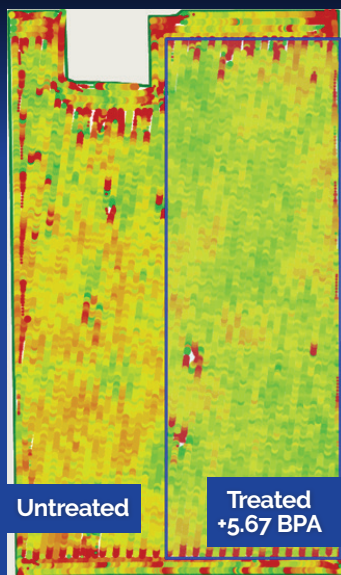
Micronutrient Availability

Valuable organic acids chelate micronutrients to be taken up by the plant.

Application Versatility

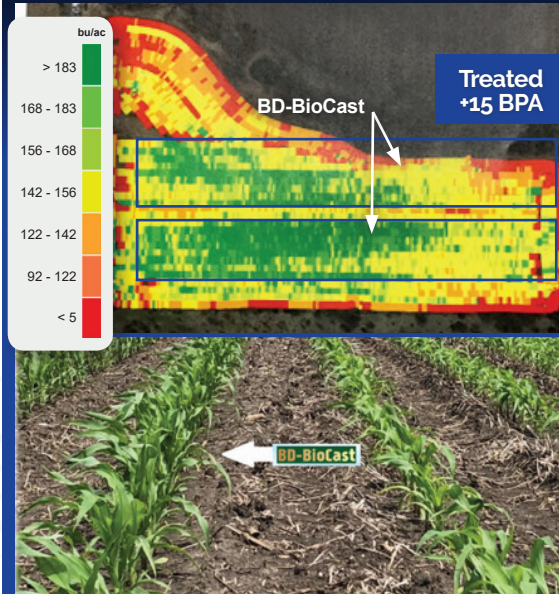
Designed for those who do not have in-furrow capabilities and can be used pre or post planting.

Central Iowa Grower



Prior to planting soybeans in 2020, BD-BioCast was applied to right half of field at a rate of 32 oz per acre, the left half was untreated.

Warren County, Iowa Corn Trial



Trial was applied with BD-BioCast at V3 with post herbicide. Field had 7 weeks without rain July - early August.

BD-BioCast Zone Testing

Nutrient	Zone 1 (Control)	Zone 2 (32 oz BioCast)	Results (% change)
N	3.97	4.16	5%
P	0.24	0.32	33%
K	4.16	4.39	6%
S	0.22	0.27	23%
Mg	0.23	0.21	-9%
Ca	0.69	0.87	26%
Zn	28.62	57.44	101%
Fe	511.68	436.72	-15%
Mn	58.35	75.47	29%
Cu	7.16	11.63	62%
B	12.51	16.40	31%

Trial was applied with BD-BioCast at corn pre-herbicide tissue test (V3-V4) on Zone 2. Zone 1 is control - no BioCast applied.

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STORY COUNTY IOWA CORN TRIAL DATA

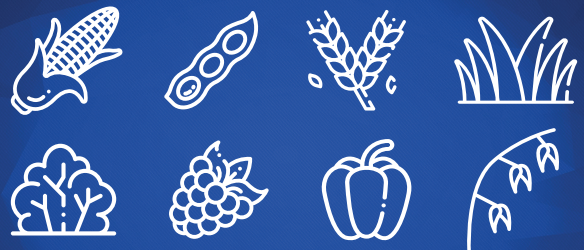
	Total Dry Yield (bu)	Avg. Dry Yield (bu/ac)	Wet Weight (lb)	Avg. Wet Weight (lb/ac)	Avg. Mstr (%)	Area Worked (ac)	
Untreated	3,239.63	223.97	197,570.8	13,659.12	21.95	14.46	= +7.3 BPA
Full Operation	64,051.57	214.43	3,934,743.39	13,172.61	22.39	298.7	
BioCast	1,550.1	231.26	94,474.15	14,094.73	21.9	6.7	

The Versatility of BD-Biocast

Makes it the all-star for plant growth.

- Broadcast application
- Use for pre or post application
- Easy to add to other spray mixes
- Use on all crop types- corn, soybeans, wheat, forages, specialty crops, and more
- Option for those not fertilizing soybeans or other crops

PROVEN RESULTS ON



...and more. Independent and institutional studies will continually be performed across a variety of plants and crops to advance the positive impact of BD-Biocast.

Better Biology Performs

