

Better Roots. Better Results.

A biostimulant approach to improving nutrient uptake, crop resilience and yield.

ICL's portfolio of non-microbial biostimulant solutions helps improve soil biology and root growth to maximize nutrient efficiency, stress tolerance to support higher marketable yields.

Get more out of every nutrient applied by improving the soil environment.



Go Below the Surface: Protect Yield & Nutrient Investment

Get to the root of the matter and align nutritional goals with non-microbial inputs to improve nutrient efficiency, stimulate root growth, activate soil biology and support stress resilience.



SEAWEED & HUMIC ACID

Improve nutrient availability and stimulate root growth.

Increase soil nutrient holding capacity, plus root and shoot resilience. Signal and prime plant for root growth and stress tolerance.

**BIOZ[®]
ESTABLISH**



MOLASSES & YEAST

Supply microbial food, trigger soil enzymatic activity and increase root growth.

Improve nutrient cycling and use efficiency, create an optimal rhizosphere for soil biology, nutrients and roots to thrive.

**BIOZ[®]
DIAMOND**



LIQUID BIOCHAR

Stimulate natural biochemical plant growth pathways.

Create highly efficient micro-environment in rhizosphere to improve nutrient availability, promote root and crop stimulation and abiotic stress support.

BIOZ[®] JET
Powered by FYR[®]



Explore our complete portfolio.

Talk to your retailer or visit icl-growingsolutions.us to learn more.

Non-Microbial Solutions: Product Details

Product	Active Ingredient	Product Details
BIOZ® DIAMOND	Molasses & Yeast Extract	10-0-1: Nitrogen fertilizer contains molasses and yeast extract (microbe food) – roots, nutrient cycling, and fertilizer efficiency. Apply with: Low pH to neutral starter fertilizer (pH 3.5 and above) Why: Supply microbial food for root growth & nutrient cycling When: Whole season: in-furrow, 2×2, sidedress, fertigation, foliar, w/ HIF or residue breakdown
BIOZ® JET	Liquid biochar	A concentrated liquid biochar extract to stimulate plant biochemical pathways – above and below ground growth, stress tolerance. Apply with: Acidic fertilizer or flexibility across pH range Why: Promote uniform emergence & crop success When: Early season in-furrow, 2×2, sidedress, fertigation
BIOZ® ESTABLISH	Seaweed & Humic Acids	Humic acids to stimulate root growth and nutrient uptake with seaweed to enhance further, plus allow plants to tolerate stress better. Apply with: A pH neutral starter fertilizer package Why: Improved efficiency, stress tolerance and crop success When: Early-mid season in-furrow, 2×2, sidedress, fertigation

In the Field: Real-World Results

Research trials and on farm observations show:

- BIOZ Diamond: Increase in soil enzymatic activity (increased nutrient cycling) across 39 sites
- BIOZ Diamond on Corn: +6.6 bu/A @ 32 fl oz/A and 11.4 bu/A @ 64 fl oz/A
- BIOZ Jet on Potatoes: 17% more total tubers at harvest (75 cwt/A higher than control)
- BIOZ Jet on Peanuts: On farm observed increased root mass, deeper roots, more peanuts

For trial information contact an ICL expert.

What is the value of adding BIOZ?

- Get more for less: Low use rates, high return on investment
- Leverage a free pass! Compatible with nutrition or crop protection inputs
- Flexible application: Can be applied in-furrow, banded, 2×2, sidedress, or fertigation
- Get the most from your soil and applied fertilizer:
 - Increase nutrient use efficiency and value from fertilizer
 - Free up bound nutrients in soil
 - Enhance root growth – more nutrient and water uptake
 - Enable higher marketable yields



622 Emerson Dr., STE 500
St. Louis, MO 63141
www.icl-growing-solutions.us
Premium.Fertilizers@icl-group.com

Follow us on

linkedin.com/company/icl-growing-solutions-americas
 youtube.com/@ICLgrowing-solutions-americas
 facebook.com/ICLGrowingSolutionsAmericas

SA5266
09292026