

# **Unlock Your Crop Potential**



## **Nutrient Rich Boost for your Crops**

BioStim features a unique combination of plant-available nutrients, plant-fortifying microbial compounds, and beneficial bacteria that act synergistically when applied to plants or soil.

- Earlier Emergence & More Uniformity, improving seeding vigor and uniformity of plant stands
- Improved Tolerance to Abiotic Stress, including improved drought tolerance
- **Enhanced Root Structures**, improving nutrient acquisition, plant resiliency and soil quality
- Direct Impact on Soil Biodiversity, including beneficial bacteria and active metabolic compounds to stimulate dynamic microbial and soil enzymatic activity
- Improved Availability of Primary and Secondary Nutrients, nitrogen fixation, phosphorus solubilization, and overall improved mobilization of plant nutrients
- Better Crop Yields, across all regions and cropping systems

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"The plant health difference was night and day from fields sprayed compared to ones not sprayed. Over the years I have used more and more of the product, to the point where last year I used it exclusively. It's a great product with great people behind it. The people who work for Envirokure have been very helpful with any questions and logistics and have called me on personal time to make sure that my needs have been met. Overall you can't go wrong with Envirokure!"

Brent Hiske Michigan Farm Owner

### **EK-L BioStim Our foundation product**

 A proven liquid biostimulant with plant growth promoting compounds & microbes, nutrient solubilization/mineralization properties and plant-available macro and micro-nutrients.

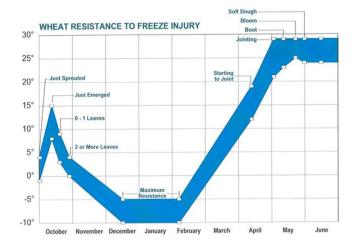






## **Protect your wheat from freeze injury**

Every year, a considerable portion of the US wheat crop is affected by cold weather. Once wheat starts to joint (Feekes 6), damage can have significant impact on yield. During reproductive stages, as little as 2 hours of freezing temperatures will cause severe yield damage.



## BioStim protects your yield, defending your crop from freeze injury that costs you bushels.

- Contains well-documented biochemicals to prepare plants for cold stress and improve overall plant vitality.
- Increased germination and emergence of seeds results in stronger, denser plant stands that insulate the canopy from cold air temperatures.
- Organic compounds, including amino acids and other proteins, enhance plant performance and soil microbiome.
- Enhanced soil biology improves nutrient acquisition, and optimizes plant metabolic activity & productivity, while also minimizing energy losses.

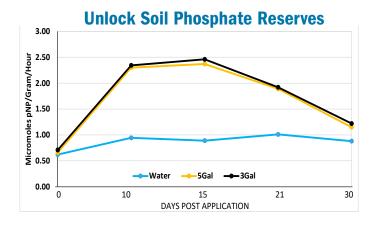
## **Improve Nutrient Acquisition**

#### **Access soil-bound phosphates**

- Phosphatases/phytases are enzymes in BioStim that release P from soil bound phosphates.
- Other metabolites enhance organic acid release by plant roots and microbes to solubilize inorganic P.

#### **Enhance nitrogen availability**

 EnviroKure improves N fixation 4 ways by enhancing rhizobium, azotobacter, streptomyces and azospirillum levels in soil.



## **Proven success on cereal grains**

#### We can help you customize a program to boost your crop and improve your outcomes

Your situation is unique with soil types, regional weather patterns, crop varieties and other factors specific to your farm. BioStim can be combined with most crop inputs and applied throughout the growing season. Our team will work with you to develop a program that meets your goals.

Goal	Application timing/rate	Added Benefit
Enhanced germination & seeding vigor	3-5 gal/acre at planting (pre-seeding or in-furrow)	Stronger, denser plant stands that insulate the canopy from cold air temperatures.
Cold stress prevention	3-5 gallons/acres at Feekes 3 until first frost	Optimizes soil microbial activity
Robust flowering, improved fertilization, enhanced seed fill	3-5 gallons/acre one week before flowering	Protection against stress and disease during reproductive stages
Spring/summer stress relief (water-logging, drought, extreme heat)	2 to 3 gallons/acre	Reduced disease pressure and strong yields

NOTE: As will other crop inputs, jar testing and thorough mixing is recommended when combining products.

