



PROTECTION + PGPR BIOLOGY

PGPR strains in Ionize BIO produce organic acids and enzymes that improve the solubilization of dry fertilizer into plant-available forms.

PGPR BIOLOGY

NITROGEN

Ionize BIO contains bacteria that, when applied to the root zone, will colonize and grow around the root structure of the plant. It sequesters nitrogen from the atmosphere and transfers it to the plant.

PHOSPHORUS

Ionize BIO contains phosphorus solubilizing bacteria that work to unlock fixed phosphorus in your soil by helping the plant produce more organic acids and enzymes, which help to break down unavailable phosphorus.



In addition to the benefits of applying fertilizer treated with Ionize to the soil, the PGPR biology in Ionize BIO increases the levels of ammonium and soluble phosphorus in the soil. The patented molecule in Ionize works in synergy with soil biology, maximizing the benefits of the fertilizer application by protecting and prolonging these nutrients for the plant's use.



FOR MORE INFORMATION VISIT
WWW.AGROTECHUSA.COM
CALL 913-764-7766

Important: Always read and follow label directions.
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**MAXIMIZE YOUR
YIELD WITH OUR
TRIPLE-ACTION
DRY FERTILIZER
COATING**

WHAT IS IONIZE?

Ionize is a revolutionary dry powder coating for dry fertilizers. It provides Nutricharge technology for improving phosphorus fertilizer and proprietary protection for Nitrogen and Potassium. Achieve maximum results from your dry fertilizer applications in just one step. Improve crop yields and plant health with Ionize.

WHY?

Growers typically have to apply multiple products to a single blend in order to target individual nutrients. This is largely done using liquids, which can create handling issues and inaccuracies that compromise performance.

BENEFITS?

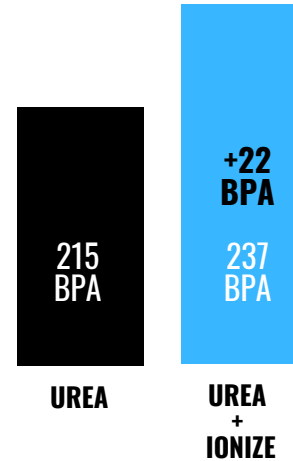
- Protects and enhances multiple nutrients with a single product
 - **Phosphorus**- protect from fixation and release tied up P
 - **Nitrogen**- Reduce loss and enhance nitrogen uptake
 - **Potassium**- Limit fixation and improve uptake
- Works together with soil biology and natural plant process
- Low cost and consistent results across all soil types
- No treated shelf life
- Reduces handling issues from liquid impregnated fertilizer
- Ionize BIO combines PGPR biology and ionize in one uniform coating on each granule

APPLICATION GUIDELINES

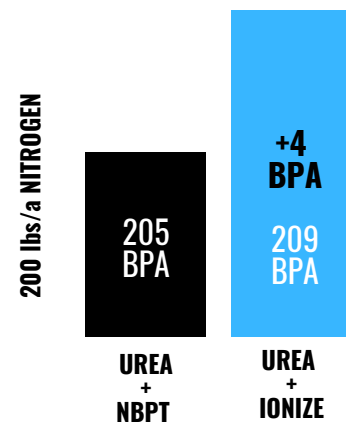
- Nitrogen fertilizer- 1lb per ton
- Blends- 1.5 lb per ton
- Phosphorus- 2 lb per ton

IONIZE RESEARCH

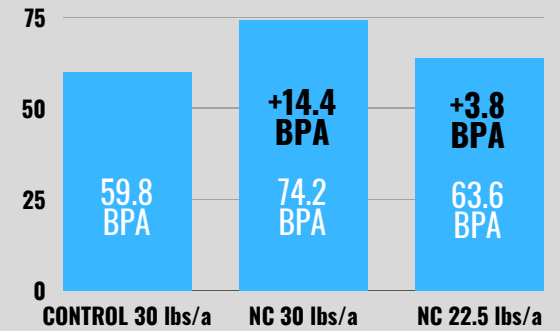
NCSU CORN SIDEDRESS NITROGEN



RICE MCGHEE AR PRE-FLOOD-AERIAL APPLIED NITROGEN



IONIZE PHOSPHORUS EFFICIENCY PERFORMANCE CROP RESEARCH, KANSAS



IONIZE POTASSIUM, NCSU CORN

