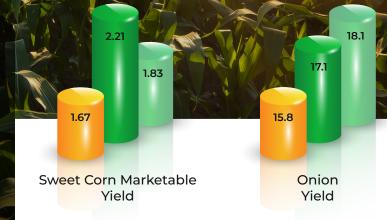
READY TO RETHINK



Pharmgrade NITROS is the industry flagship in sustainable nitrogen supplementation. Engineered with a highly concentrated blend of nitrogen-fixing bacteria, NITROS empowers plants and soil systems to harness nitrogen directly from the atmosphere, converting it into a plant-efficient form that maximizes

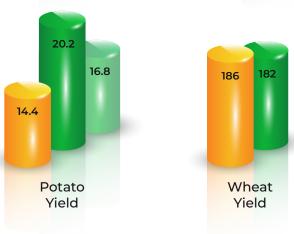
growth without the losses associated with

traditional fertilizers.



BENEFITS FOR GROWERS

- **Cost Savings:** Cut down on expensive chemical inputs while maintaining or boosting yields.
- Long-Term Soil Vitality: Builds healthier soils season after season, setting the stage for sustainable success.
- **Improved Crop Health:** Provides a steady, efficient nitrogen supply for stronger plants and better harvests.
- Versatility: Ideal for a wide range of crops, including row crops, trees, vines, and more.
- **Environmental Stewardship:** Supports regenerative agriculture by enhancing soil biodiversity and reducing chemical runoff.



Rate: I gallon of NITROS will fix 10 units of Nitrogen through its life cycle. Replace on a unit by unit basis or contact your local Pharmgrade rep for crop specific protocols.

Timing: Apply during planting or early growth stages for optimal colonization and nitrogen delivery.

Compatibility: Mixes seamlessly with most fertilizer programs-liquid or dry.

100% Conventional

50% Nitros

25% Nitros

(Data represented is in Tons/Acre)

For more information, contact us: \



1 (800) 725-9578







SPECIES PGPR/PGPM MECHANISM Version: NITROS, 001 Dated: 07.16.2025 Dated: 07.16.2025 Dated: 07.16.	Nitro Fix
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Amino Acid Producer	
Produces Metabolites Similar To Cytokinin, Auxin Etc	
Increase Resistance To Freezing And Cold	
Hydrolyze Starch & Bio Degrades Mannan, Xylan,Cellulose Improves Quality And Taste Of Fruit	
4) PLANT STRESS REDUCTION	
Abiotic Stress Reducer	
Reduce Compaction	
Salt Stress Reducer Sar Plant Responses	
Stimulate Growth	
GENERAL SOIL HEALTH	
Builds Healthy Soil	
Efficient Bio Degrader Accelerate Germination	
Adjusts The Bacterial Balance	
Enhance Soil Microbiome Diversity	
Biofilm Producer (Soil Aggregation)	
Degrades Residual Pesticides Builds Organic Acids Builds Organic Acids	
Improves Root Microbiome	
Improves Soil Aeration	
Improves Soil Condition	
Irrigation, Dripline, Root Dip, Planter Band, Spray Rig, Etc	