MAXIMIZE FERTILIZER **EFFICIENCY WITH** SLINGSHOT



Maximize crop yield with Slingshot - farmer approved innovation.

Ensure every granule of fertilizer works harder, enhancing nutrient uptake and maximizing crop yield potential.

KEY BENEFITS OF INTEGRATING SLINGSHOT

- **Enhanced Nutrient Availability:** Slingshot not only protects phosphate fertilizer but also unlocks phosphate and calcium tied up in high pH soil, making them readily available to plants.
- **Soil Health Improvement:** Incorporating Slingshot into your fertilizer blends enhances soil health. Its well-rounded biological components contribute to a more fertile soil ecosystem.
- **Increased Efficiency and** Cost-Effectiveness: Slingshot boosts the efficiency of your fertilizer applications, potentially reducing your fall fertilizer costs by 20%.

WHY CHOOSE SLINGSHOT?

TAILORED FORMULATION

Developed specifically for blending with dry fertilizers.

PROVEN MICROBIAL TECHNOLOGY

 Harnesses the power of potent microbes to unlock and solubilize nutrients.

EASY INTEGRATION

 Simple to incorporate into existing fertilizer programs without additional steps.

PHARMGRAD

For more information, contact us: (1 (800) 725-9578









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SPECIES PGPR/PGPM	B. Amyloiquefaciens				icus	v							ae	Trichoderma harizanum	irale	ide	
MECHANISM	nefac		B. Licheniformis	E	B. Methylotrophicus	Mucilaginosus	æ			٤			Penicillium bilaiae	ıa ha	Trichoderma Spirale	Trichoderma viride	<u>.</u> ξ
	/loiq	sna	enifo	B. Megaterium	hylot	ilagi	Polymyxa	silus	tiis	L. Herbarum	Pentosus	<u>.v</u>	lium	derm	derm	derm	Azotobacter chroococcum
Version: SLINGSHOT_001 Dated: 07.06.2025	Am)	B. Firmus	Lich	Meg	Met	Muc		B .Pumilus	B. Subtilis	Herb	Pent	L. Lactis	nicil	icho	icho	icho	rooc
Dated: 07.06.2025	mi mi	mi	шi			œi 	шi	ш	шi		ا د د د		ď			Ė	
1) IMPROVES NUTRIENT AVAILABILITY	Aerobes									Anaerobes			Fungi			Nitro Fix	
Increase Fertilizer Use Efficiency																	•
Manufactures Humic/Fulvic Acid		•	-	-		•	-		•		-	-				•	•
Improves Boron Efficiency & Uptake						•											_
Improves Nitrogen Efficiency & Uptake Supplies Atmospheric N To Plant																	-
Improves Calcium Efficiency & Uptake						•											
Improves Copper Efficiency & Uptake						•											
Improves Iron Efficiency & Uptake						-											
Improves Magnesium Efficiency & Uptake Improves Manganese Efficiency & Uptake																	
Improves Molybdenum Efficiency & Uptake																	
Improves Phosphorous Efficiency & Uptake	-	-		-		•			•			•	-			•	
Soluablizes Phosphorous		-		-		•						•	-				
Improves Silicon Efficiency & Uptake Improves Sulfur Efficiency & Uptake																	
Improves Sunur Efficiency & Optake																	
Improves Potassium Efficiency & Uptake						-							-	-		-	
Greater Than Normal Nutrient Availability																	-
2) BIOCONTROL AGENT												_					
High Concentrations Of Cfu/Gram/Acre Competitive Exclusion											H						•
Bio Control Agent										-							-
Nematode Bio Control									•					-			
Endoparasitic Fugus On Nematode		•							•	•	•	•	-	-			
Antibiotics Produced	-		•					_	•	•							-
Endophyte Prevent Gray Mold, Late Blight, V. Wilt			-					-						-			-
Works On Viruses	-																_
Kills Pathogens By Hydrolytic Enzymes	-													-		•	
Low Molecular Weight Antibiotics	•					•	_										
Produces Neosporin/Bacterin Rizoctonia Solani							-										
Fusarium Wilt																	
Early Blight					•				-								
Late Blight	•								-								
Pear Black Spot Powdery Mildew					-												
Botrytis										•							
Grey Mold					•				•	-		•	-				
3) PRODUCES PLANT GROWTH STIMULATORS	S (PL	ANT	HEAL	LTH)													
Promote Root Growth	•	-	-	•	•	•	•	•	•	•	•	•	-	-		•	-
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					-						н						•
Accelerate Germination													-	•		•	•
Adjusts The Bacterial Balance		•	-	-		•	•		•	-	-	•		•		•	
Enhance Soil Microbiome Diversity	-	-	•	-	-	•	•	-	•	-		•	-	•		•	•
Biofilm Producer (Soil Aggregation) Degrades Residual Pesticides											н						
Builds Organic Acids													-	•			
Improves Root Microbiome			-	-	-	-		-	•	•	•	•	-	-		-	
Improves Soil Aeration	-	•	-	•	•	•	•	•	•	-	•	•	-	•		-	•
Improves Soil Condition											Н						
Easy To Apply Irrigation, Dripline, Root Dip, Planter Band, Spray Rig, Etc																	
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