



# 9-18-9

## GOLDSTART® LIQUID FERTILIZERS

### PRODUCT INFORMATION

GoldStart® 9-18-9 is a low-salt, 80/20 ratio of ortho-to-polyphosphate liquid fertilizer in the PureGrade® product line. It is 100% pure liquid fertilizer produced from the finest raw materials. GoldStart 9-18-9 is completely seed safe for in-furrow placement, 2x2 banding or can be foliar applied.

### FEATURES

- Low-salt, chloride free and near neutral pH
- 100% water soluble
- Non-corrosive
- Trouble-free

### BENEFITS

- Seeds respond in cold soils
- Crops emerge earlier and more uniform
- Increases yield potential
- Produces higher quality and drier crops at harvest

### FREQUENTLY ASKED QUESTIONS

**Q: What is the orthophosphate content in GoldStart 9-18-9?**

**A:** GoldStart 9-18-9 is 80% orthophosphate and 20% polyphosphate. This allows seedlings to absorb the orthophosphate they need early then utilize the polyphosphate a little later after it has broken down.

**Q: Am I able to apply GoldStart 9-18-9 directly on the seed without fear of germination damage?**

**A:** Yes, GoldStart 9-18-9 is designed to be applied directly on the seed without causing germination issues. Always follow application rates on the label. Do not apply directly on the seed in saline, alkali, or coarse textured soils.

**Q: Can I add other nutrients to GoldStart 9-18-9?**

**A:** Yes, any EDTA micronutrients will easily blend with GoldStart 9-18-9 with agitation. Soil amendments such as humic acids and additional nutrients like sulfur and potassium may also be added. Always jar test before blending in a tank.

**Q: Can I mix GoldStart 9-18-9 with 28% or 32% UAN solution?**

**A:** No, due to the potassium and the high orthophosphate content in GoldStart 9-18-9, there can be stability issues if mixed with these nitrogen products.

### GUARANTEED ANALYSIS

Total Nitrogen (N)..... 9.0%  
     3.1%...Ammoniacal Nitrogen  
     5.9%...Urea Nitrogen  
 Available Phosphate (P<sub>2</sub>O<sub>5</sub>)..... 18.0%  
 Soluble Potash (K<sub>2</sub>O)..... 9.0%  
 Derived from: ammonia, urea, phosphoric acid, potassium hydroxide

### PHYSICAL PROPERTIES

pH.....7.2  
 Specific Gravity..... 1.33 @ 68°F  
 Density.....11.2 lbs/gal  
 Salt Out ..... 2°F

### APPLICATION

MAXIMUM SUGGESTED APPLICATION RATE IN GALLONS PER ACRE				
SOIL APPLICATION				
Crop	CEC: 15.0 or > OM: 2.5% or >	CEC: 12.0 - 14.9 OM: 2.0 - 2.4%	CEC: 6.0 - 11.9 OM: 0.6 - 1.9%	CEC: < 6.0 OM: < 0.6%
Corn (30" rows)	6.0	5.0	4.0	Inquire about row application in soils that fall within this group
Soybeans (10" rows or less)	5.0	4.0	3.0	
Soybeans (11" to 16" rows)	3.0	2.0	0.0	
Wheat	12.0	12.0	10.0	
FOLIAR APPLICATION				
Corn	1.0-3.0			
Soybeans				
Wheat				



**FOR MORE INFORMATION**  
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