



Pro-Germinator®

Technical Data

11.21

Weight/Gallon
@ 68°F

1.342

Specific Gravity

6.0-6.4

pH @ 68°F

10° F

Salt Out Point

DIRECTIONS FOR USE

The quality and composition of Pro-Germinator® allows placement directly into the root zone with little risk of tissue damage, giving Pro-Germinator® greater efficacy and more application flexibility.

Pro-Germinator® can be applied:

- with versatile planter placement options
- broadcast or banded over the top of or next to the seed zone
- as a topdress or sidedress application
- as a foliar treatment
- through fertigation
- with crop protection products

Broadcast application may reduce Pro-Germinator® efficiency.

USE RATE SUMMARY TABLE

At Planting Application Rates

Gallons Per Acre

Field and Row Crops	0 - 20
Vegetables and Fruit Crops	0 - 20 or 2% in Transplant Solution
Orchards and Vineyards	0 - 20 or 2% in Transplant Solution

In-Season Application Rates - Per Application

Field and Row Crops	1 - 20	Sidedress or Fertigation
Vegetables and Fruit Crops	1 - 20	Sidedress or Fertigation
Orchards and Vineyards	1 - 20	Soil Application or Fertigation

Foliar Application Rates - Per Application

Field and Row Crops	0.25 - 3
Vegetables and Fruit Crops	0.25 - 3
Orchards and Vineyards	0.25 - 3

Composition Guaranteed Analysis

Total Nitrogen (N)

9.00%

1.00% Nitrate Nitrogen
7.00% Ammoniacal Nitrogen
1.00% Urea Nitrogen

Available Phosphate (P₂O₅)

24.00%

Soluble Potash (K₂O)

3.00%

Iron (Fe)

0.10%

0.10% Water Soluble Iron (Fe)

Derived from: Ammonium Nitrate, Ammonium Sulfate, Urea, Superphosphoric Acid, Potassium Polyphosphate, Ferrous Sulfate



Guaranteed by: **AgroLiquid**
Division of COG Marketers, Ltd.
3055 W M-21
St. Johns, MI 48879
AGROLIQUID agroliquid.com



Pro-Germinator®

Directions For Use General Guideline:

For proper agronomic application rates suitable for your geographical area or the maximum allowable non-nutrient application rate per acre, consult a trained soil specialist at AgroLiquid or call or write to AgroLiquid with the address provided.

Pro-Germinator® is used primarily for the application of phosphorus, but is partnered with nitrogen, potassium, and micronutrients for maximum performance. Pro-Germinator®, through Flavonol Polymer Technology, contains both orthophosphate and carbon-protected polymer phosphate to provide readily available and controlled-release phosphorus with minimal danger of tie-up in the soil.

Crop	In-Furrow
Corn (Grain) 30" Row Spacing	2-10 gal/A
Corn (Silage) 30" Row Spacing	2-10 gal/A
Soybeans 30" Row Spacing	1-3 gal/A
Soybeans 15" Row Spacing	2-7 gal/A
Sorghum	1-3 gal/A
Dry Beans	0-3* gal/A
Cotton	0-5* gal/A
Sugarbeet	0-3* gal/A
Canola Drilled	2-5 gal/A
Wheat (Spring or Winter)	2-10 gal/A
Potato	2-10 gal/A Direct contact with the seed piece
Alfalfa	1-3 gal/A

2% in transplant solution
during transplanting.

In-Season Soil Application Recommendations

RATE: 1-20 gallon/acre

Corn
Sidedress

Soybean 30" Rows
Sidedress

Cotton
Sidedress

Sugarbeet
Sidedress

Wheat
Topdress application -
up to growth stage Feekes 4

Potato
Sidedress

Alfalfa
Topdress

**Broadcast, or banded not less than 2"
from the seed furrow, surface banded,
or applied through drip irrigation at the
base of the plant**

RATE: 1-20 gallon/acre

Corn	Canola	Tobacco
Soybean	Wheat	Apples
Sorghum	Potato	Tree Nuts
Dry Beans	Alfalfa	Tree Fruit
Cotton	Grapes	Vegetables
Sugarbeet	Tomato	

Foliar Application Recommendations

RATE: 0.25-3 gallon/acre

Corn
Apply up to kernel dough whenever additional
phosphorus is needed

Soybean 30" and 15" Rows
Apply up to R4 whenever additional phosphorus is
anticipated or observed

Sorghum
Apply up to kernel dough whenever additional
phosphorus is needed

Dry Beans
Apply up to R4 whenever additional phosphorus is
anticipated or observed

Cotton
Apply up to flowering whenever additional phosphorus
is anticipated or observed

Sugarbeet
Apply at any stage whenever additional phosphorus is
anticipated or observed

Canola
Apply at any growth stages from 2 (rosette) to stage
7 (seed set) whenever additional phosphorus is
anticipated or observed

Wheat
Apply at any growth stages from Feekes 4 up to
Feekes 11.1 (kernel milk stage) whenever additional
phosphorus is anticipated or observed

Potato
Apply at any growth stages from 2 (rosette) to stage
7 (seed set) whenever additional phosphorus is
anticipated or observed

Alfalfa
Apply to 6" or more of growth at any time during the
season but not later than 10 days prior to cutting

Please consult with an AgroLiquid Sales Account Manager or Agronomist for further direction when utilizing rates higher than the lower limit of the given range.

 **Guaranteed by: AgroLiquid**
Division of COG Marketers, Ltd.
3055 W M-21
St. Johns, MI 48879
AGROLIQUID agroliquid.com

NOTE: Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>



GS07
WARNING - Irritant: Eyes, Skin