



Technical Data

9.84

Weight/Gallon
@ 68°F

1.179

Specific Gravity

7.2-7.8

pH @ 68°F

35° F

Freezing Point

DIRECTIONS FOR USE

NResponse™ can be used anywhere nitrogen is recommended. It is specially formulated to allow for foliar sprays and planter time applications.

NResponse™ can be applied:

- by planter placement in a band away from the seed (ex: 2"x 2")
- as a topdress or sidedress application
- as part of a foliar fertility program
- through fertigation

If applied with other crop production or protection products, please consult your AgroLiquid representative for the best application method.

USE RATE SUMMARY TABLE

At Planting Application Rates

	Gallons Per Acre
Field and Row Crops	0 - 10
Vegetables and Fruit Crops	0 - 30*
Orchards and Vineyards	0 - 30*

In-Season Application Rates - Per Application

Field and Row Crops	1 - 100	Sidedress or Fertigation
Vegetables and Fruit Crops	1 - 100	Sidedress or Fertigation
Orchards and Vineyards	1 - 100	Soil Application or Fertigation

Foliar Application Rates - Per Application

Field and Row Crops	0 - 3
Vegetables and Fruit Crops	0 - 3
Orchards and Vineyards	0 - 3

* = Not recommended in transplant solution.

Composition Guaranteed Analysis

Total Nitrogen (N)

24.00%

2.00% Nitrate Nitrogen
2.00% Ammoniacal Nitrogen
20.00% Urea Nitrogen

Sulfur (S)

1.00%

1.00% Combined Sulfur

Derived from: Ammonium Nitrate,
Ammonium Sulfate, Urea



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



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.

NResponse™ performs well on all crops. This premium nitrogen product provides more flexibility in application than other nitrogen fertilizers. Specifically formulated for effective foliar and soil applications, NResponse is quickly assimilated into the crop, providing a fast nitrogen response. It contains the same dynamic forms of nitrogen found in other AgroLiquid nitrogen products. NResponse has proven, in situations where a quick nitrogen response is needed, to improve yields and quality compared to conventional nitrogen sources.

Crop	In-Furrow
Corn (Grain) 30" Row Spacing	0-3 gal/A
Corn (Silage) 30" Row Spacing	0-3 gal/A
Wheat	0-10 gal/A

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: 1-100 gallon/acre

Corn	Cotton	Potato
Soybean	Sugarbeet	Alfalfa
Sorghum	Canola	
Dry Beans	Wheat	

RATE: 1-30 gallon/acre

Grapes	Apples	Tree Fruit
Tomato	Tree Nuts	Vegetables
Tobacco		

Foliar Application Recommendations

When used as part of a planned crop nutrition program or if nutrient deficiencies are observed

RATE: 0.25-3 gallon/acre unless otherwise noted

Corn

Apply up to kernel dough

Soybean 30" and 15" Rows

Apply up to R4

Sorghum

Apply up to kernel dough

Dry Beans

Apply up to R4

Cotton

Apply up to flowering

Sugarbeet

Apply at any stage

Canola

Apply at any growth stages from 2 (rosette) to stage 7 (seed set)

Wheat

Apply at any growth stages from Feekes 4 up to Feekes 11.1 (kernel milk stage)

Potato

Apply at any growth stage

Alfalfa

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

Grapes

Apply up through fruit ripening

Tomato

Apply up through fruit ripening

Apples

Apply from bloom through the last cover spray

Tobacco

Apply at any time through the growing season

Tree Nuts

Apply to foliage from bloom through the last cover spray

Other Tree Fruits

Apply from bloom through the last cover spray

Vegetables

Apply at any time during the season up to fruit ripening

In-Season Soil Application

Use Rate Per Application

Corn

Sidedress;
RATE: 1-100 gal/A

Soybean 30" Rows

Sidedress;
RATE: 1-100 gal/A

Sorghum

Sidedress;
RATE: 1-100 gal/A

Dry Beans

Sidedress;
RATE: 1-100 gal/A

Cotton

Sidedress;
RATE: 1-100 gal/A

Sugarbeet

Sidedress;
RATE: 1-100 gal/A

Canola

Topdress;
RATE: 1-30 gal/A

Wheat

Topdress;
RATE: 1-30 gal/A

Potato

Sidedress or fertigation;
RATE: 1-100 gal/A

Alfalfa

Sidedress or fertigation;
RATE: 1-10 gal/A

Grapes

Banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

Tomato

Banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

Tobacco

Banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

Apples

Banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

Tree Nuts

Banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

Other Tree Fruits

Banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

Vegetables

Broadcast, surface banded or through drip irrigation during the growing season;
RATE: 1-100 gal/A

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.

