

## by Darling Ingredients

### 15-0-1

# Hi-Sol Nitrogen Dry Flowable Powder

#### **GUARANTEED ANALYSIS**

Total Nitrogen (N) 15.00%

0.01% Ammoniacal Nitrogen5.21% Water Insoluble Nitrogen\*9.78% Other Water Soluble Nitrogen

 Soluble Potash (K<sub>2</sub>0)
 1.00%

 Iron (Fe)
 0.20%

#### **DERIVED FROM**

Porcine blood meal.

\*This product contains 5.21% slowly available Water Insoluble Nitrogen from porcine blood meal.

#### **DIRECTIONS FOR USE**

This product is intended to be mixed with water using moderate agitation. Once the material is mixed, it should stay in suspension with nominal settling. Below is a quideline for various rates and concentrations.

Target Nitrogen ppm (N)	1:50 2% Solution	1:100 1% Solution	1:128 .80 Solution	1:200 .50 % Solution	1:300 .33%Solution
25	111 oz.	2.22 oz.	2.84 oz.	4,44 oz.	6.67 oz.
50	2.22	4.44	5.69	8.89	13.33
75	3.33	6.67	8.53	13.33	20.00
100	4.44	8.89	11.38	17.78	26.67
150	6.67	13.33	17.07	26.67	40.00
200	8.89	17.78	22.76	35.56	53.33
300	13.33	26.67	3413	53.33	80.00
400	1778	3556	45.51	7111	10667

Simple formula to find ounces for desired PPM: PPM desired divided by 75, divide the answer by the decimal equivalent of the nitrogen (in this case .15) EX: 150 ppm/75=2 2/.15 = 13.33 This indicates the need for 13.33 ounces of this product in 100 gallons of water to obtain 150 ppm.

#### **GENERAL INFORMATION**

This is a dry flowable product. It is an ideal tool to spoon feed organic nitrogen applications for organic growers, nurseries and turf through irrigation systems, drip lines, spray tanks or pivots. This product is allowed under NOP quidelines validating its use in the production of organic certified crops. General Use Fertilizer: Our products contain ingredients safely recycled from animal sources. Caution: Do not eat, feed to animals, or apply to land used for grazing ruminant animals. Wash hands thoroughly with soap and water after handling and before eating or smoking.

Information regarding the contents and levels of metals in this product is available on the Internet at http://www.aapfco.org/metals.html

Sports Turf Directions for Use for Nitrogen: See documents SL191 (http://edis.ifas.ufl.edu/SS404) or BMP's for Enhancement of Environmental Quality on Florida's Golf Courses (http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf).

Lawn Maintenance Companies Directions for Use for Nitrogen:

See document Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries (http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP\_Book\_final.pdf).

Environmental Statement: Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

In Maryland: Do not apply this product at more than 6.0 lbs. product per 1,000 sq. ft. This product is providing nutrients as determined to be necessary in accordance with a soil test that was conducted by a laboratory identified under 8-803.7 of this article and performed no more than 3 years before the application.

In Pennsylvania: Do not apply this product at more than 6.0 lbs. product per 1,000 sq. ft.

UPC

25969

Net Weight 50 LBS. (22.68 KG)

Do Not Feed to Animals

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Guaranteed By: Darling Ingredients Inc. 5601 N. MacArthur Blvd. Irving, TX 75038 U.S.A. (800) 743-7413 naturesafe.com rev. 04/03/2024

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