



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

January 23, 2023

Edith Emory  
Director of Regulatory  
AgXplore International, LLC  
PO Box 638  
Parma, MO 63870

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – Add alternate brand name “Arch; remove Iron from ingredient list to reflect updated CSF  
Product Name: NitroElite  
EPA Registration Number: 95775-1  
Application Date: 12/02/2022  
OPP Case Number: 00414063

Dear Ms. Emory:

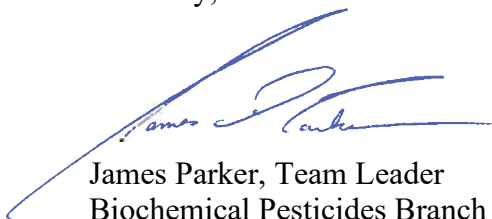
The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. The alternate brand names: ArchiTech has been added to the product’s records. You must submit one (1) copy of the final printed labeling with the modifications.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

If you have any questions, please contact Susannah Powell via email at [powell.susannah@epa.gov](mailto:powell.susannah@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "James Parker", is written over the typed name and title.

James Parker, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# NitroElite

## ABN: ArchiTech

**A plant growth regulator plus fertilizer for stress reduction  
and enhancing photosynthetic activity  
of listed food crops**

### FOR AGRICULTURAL USE ONLY

ACTIVE INGREDIENTS:	BY WT
Gamma Aminobutyric Acid.....	0.5%
Other Ingredients.....	99.5%
<b>TOTAL.....</b>	<b>100.0%</b>

[Editor's note: Fertilizer guaranteed analysis below per state-required format,  
may vary with individual state requirements]

## 10-5-5

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	10.000%
10.0% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	5.000%
Soluble Potash (K <sub>2</sub> O).....	5.000%
Boron (B).....	0.050%
Copper (Cu) .....	0.230%
Manganese (Mn) .....	0.110%
Molybdenum (Mo) .....	0.001%
Zinc (Zn).....	0.200%

*\*Maximum chlorine content 0.75%*

Derived from: Urea, Phosphoric Acid, Potassium Hydroxide, Disodium Octaborate Tetrahydrate, Copper EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA

### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

See (back) panel for additional Precautionary Statements and Directions for Use

First Aid	
If in eyes:	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call the national Poison Control Center at 1-800-222-2212, open 24 hrs/day every day. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a>).</p> <p><b>For general product information, call AgXplore International at 573-357-4506 between the hours of 9 a.m. – 4 p.m. Central Time.</b></p>	

**EPA REG. NO. 95775-1**

**EPA EST. NO. 95775-MO-1**

Produced by:  
AgXplore International, LLC  
7035 State Hwy D  
P.O. Box 638  
Parma, MO 63870  
(573) 357-4506  
Email: [info@agxplyre.com](mailto:info@agxplyre.com)

Net Contents: 2.5 gal  
Batch No:

## **PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **USER SAFETY RECOMMENDATIONS**

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

### **ENVIRONMENTAL HAZARDS**

For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during applications. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.**

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is: coveralls, socks, shoes, chemical resistant gloves.

## PRODUCT INFORMATION

NitroElite is a plant growth regulator containing fertilizer components for enhancing photosynthetic activity and stress reduction on the crops.

## DIRECTIONS FOR USE

May be applied as in-furrow on corn, cotton, legume vegetables, oil seed crops, and small grains. In-furrow applications may be followed by foliar applications as indicated below.

For other crops, foliar applications may be made at the timing(s) indicated in the chart below.

Always use a jar test of NitroElite and other products to determine tank mix compatibility prior to application.

## APPLICATION RATE

**IN-FURROW:** (for Corn, Cotton, Legume Vegetables, Oil Seed Crops, and Small Grains only)  
Apply 1-2 qt (32-64 oz) per acre.

**FOLIAR:** 1-2 qt [32-64 oz] per acre at growth state listed by crop in the chart below.

## APPLICATION INSTRUCTIONS

CROPS/CROP GROUPS	APPLICATION TIMING/METHOD
Corn <sup>1,2</sup> (field, pop, sweet)	In-Furrow: Apply 1-2 qt (32-64 oz) per acre Foliar: Apply from V3 to full tassel
Cotton (acala, pima, and short staple varieties)	In-Furrow: Apply 1-2 qt (32-64 oz) per acre Foliar: Apply at pin head square stage
Cucurbit vegetables (cucumber, cantaloupe, honeydew, muskmelon, summer squash, and watermelon)	Foliar: Apply just prior to first bloom
Fruiting vegetables (tomato, eggplant, and pepper)	Foliar: Apply just prior to first bloom
Herbs (basil, dill, mustard, and sage)	Foliar: Apply at 2-4 leaf stage
Legume vegetables (succulent and dried) Including beans (all types), peas, and soybeans <sup>1,2</sup>	Foliar: Apply mid-vegetative to R1
Leafy vegetables (celery, head lettuce, leaf lettuce, and spinach)	Foliar: Apply after transplant recovery or at early vegetative stage (direct seeded)
Non-grass animal feed and hay such as alfalfa, clover, and vetch	Foliar: Apply at 4 inches of new growth
Oil seed crops (canola <sup>1,2</sup> , flax, and sunflower)	In-Furrow: Apply 1-2 qt (32-64 oz) per acre Foliar: Apply just prior to first bloom
Peanuts	Foliar: Apply at 2-4 leaf stage
Root vegetables (carrot, ginseng, horseradish, parsley (turnip-rooted) radish, and turnip)	Foliar: Apply from 4-leaf stage to tuber initiation
Small grains (barley, millet, oat, rice, rye, sorghum, and wheat)	In-Furrow: Apply 1-2 qt (32-64 oz) per acre Foliar: Apply at Feekes 3-4 stage
Strawberry	Foliar: Apply after transplant recovery up to first bloom

<sup>1</sup>This product can be tank-mixed with glyphosate products registered for use on Roundup Ready® crops

<sup>2</sup>This product can be tank-mixed with glyphosate products registered for use on LibertyLink® crops

**SHAKE WELL BEFORE USE**  
**DO NOT FREEZE**

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Keep containers tightly closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container.

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **For chemical spill, leak, fire or exposure, call CHEMTREC at 1-800-424-9300.**

### LIMITED WARRANTY AND DISCLAIMER

#### STATEMENT OF TERMS AND CONDITIONS OF SALE, INHERENT RISKS OF USE, WARRANTY DISCLAIMER, AND LIMITATION OF REMEDIES

##### STOP! READ BEFORE USING

Do not buy or use this product unless you have read and understand the entire label, including Terms and Conditions of Sale, Inherent Risks of Use, Warranty Disclaimer, and Limitation of Remedies. Return unopened container at once if terms are unacceptable.

##### TERMS AND CONDITIONS OF SALE

By buying and/or using this product, to the extent permitted by law, the Buyer or User accepts the Terms and Conditions of Sale, the Inherent Risks of Use, the Warranty Disclaimer, and the Limitation of Remedies.

##### INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with the use of this product. Failure to use or apply according to label instructions, abnormal environmental conditions, presence of other materials, and other factors may result in lack of product performance, crop injury, and other undesirable consequences. To the extent permitted by law, the Buyer or User accepts all such risks.

##### WARRANTY DISCLAIMER

AgXplore International, LLC warrants that this product reasonably conforms to its chemical description on the label and is reasonably fit for the purposes stated on the label, when the product is used according to the Directions for Use and under normal conditions. AgXplore International, LLC makes no other warranty, express or implied.

##### LIMITATION OF REMEDIES

To the extent permitted by law, the Buyer's or User's exclusive remedy for any injury, loss, or damage resulting from handling or use of this product shall be limited to one of the following, at the discretion of AgXplore International, LLC: Direct damages not exceeding the purchase price of the product or replacement of the product. AgXplore International, LLC and the seller of this product shall not be liable for consequential, special, or incidental damages or losses, nor damages in the nature of a penalty.

No employee or agent of AgXplore International, LLC, nor any employee or agent of the manufacturer or seller of this product, is authorized to vary or exceed the Terms and Conditions of Sale, Inherent Risks of Use, Warranty Disclaimer, or Limitation of Remedies in any manner, including but not limited to a written or verbal statement.

Roundup Ready® is a registered trademark of Bayer Group  
LibertyLink® is a registered trademark of BASF Corporation