

Do's and Do Not's of the Nitro-Max Program

Do - Always clean your sprayer (including booms and nozzles) before spraying Nitro-Max if you previously have been spraying pesticide. Household ammonia is a good product to use.

Do Not - Mix Nitro-Max with insecticide or herbicide

Do - Wait two weeks or until after a good rain before spraying Nitro-Max after insecticide or herbicide or vice-versa

Do Not - Spray Nitro-Max in direct sunlight during the heat of the day. Try to spray it before 10 am or after 2 pm, or when the sky is cloudy

Do - Use at least ten (10) gallons of water per acre when spraying the Nitro-Max program

- ⇒ **Use solution (water/Nitro-Max) within 6 hours of mixing**
- ⇒ **Water should be warm.**
- ⇒ **If water is chlorinated, fill tanks and let sit overnight before adding Nitro-Max.**

Second Application Guidelines

Corn	6"-8"
Sunflowers	10"-12" before flowering
Grasses (Wheat, alfalfa, Rye)	4"-6"
Root vegetables	Before flowering
Row crops	Before Flowering

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"Don't Treat Your Soil Like Dirt"

Key benefits of Using Nitro-Max

- ⇒ Makes more efficient use of applied and residual nitrogen
- ⇒ Increases nitrogen nodulation on legume crops
- ⇒ Input costs are reduced s soil quality improves
- ⇒ Plants begin to naturally resist pests
- ⇒ Healthy soil begins to resist weds
- ⇒ Stimulates plant growth, production and root development
- ⇒ Increases plant sugar/protein content
- ⇒ Flavor and quality improve
- ⇒ Promotes earlier maturation
- ⇒ Breaks dormancy and increases germination rates when used as a seed inoculant

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Nitro-Max: What is it?

Nitro-Max is a non-toxic, non-petroleum based liquid concentrate designed to increase the natural nitrogen cycle in the soil, stimulate growth and reduce fertilizer input costs.

Nitro-Max is a living dormant culture suspended in water that acts as a bio-catalyst to micro-organisms in the soil.

Nitro-Max includes a variety of micro-organisms (bacteria), plus micro-nutrients and trace minerals.

Nitro-Max is a biological soil inoculant that introduces and stimulates microbial activity in the soil

Nitro-Max: What does it do?

- ⇒ Makes more efficient use of residual and applied Nitrogen
- ⇒ Increase nitrogen nodulation on legume crops
- ⇒ Stimulate plant growth, production and root development
- ⇒ Increase plant sugar/protein content
- ⇒ Promotes earlier maturation
- ⇒ Breaks seed dormancy
- ⇒ Increase germination rates when used as a seed inoculant

Nitro-Max: How does it work?

Nitro-Max plays an important role in conditioning the soil to provide the environment needed to support microbial activity. The more active the soil life is, the more efficient a plant or crop will utilize residual and applied nitrogen and other nutrients. Nitro-Max helps your soil come alive.

Nitro-Max: How is it applied?

Nitro-max is easy to apply and economical to use. Nitro-Max can be used as a seed, soil, plant, tuber, or bulb treatment, and may be applied through irrigation systems, ground sprayers, hand sprayers, or by aircraft; using water as the carrier. Be sure to shake the container well before adding the product to the delivery tank.

Recommended Applications:

Ground: Nitro-Max should be applied at the full rate ^{1,2,3} (one gallon for ten acres) in fall to aid in the breakdown of stubble. A second application just before planting. If possible, the applications should be done when the soil is moist.

Seed, Transplant Treatment: Treat all seeds, and/or transplants with a solution of one part Nitro-Max to twenty parts water. Plant within eight hours. ^{1,2,3}

Foliar Application: The recommendation for a foliar application depends upon when or if you are able to compete a ground application. If the application was done in the fall; a full rate should be applied. Full rate is one gallon for ten acres with water as a carrier. ^{1,2,3}

If a spring application was accomplished; the foliar application should be one half rate or one gallon for twenty acres.

Foliar spraying should be done in the evening or early morning, before the heat of the day.

¹ **Use solution within 6 hours**

² **Water should be warm.**

³ **If water is chlorinated, fill tanks and let sit overnight before adding Nitro-Max.**

Use 1/2 rate mixture before flowering, 1/4 Rate after flowering