



**SM10 Organic Nano Seed Dressing &
Fertilizer Program**

SM10 ORGANIC NANO SEED DRESSING & FERTILIZER

WHAT IS NANO ?

Nano

Symbol: (n)

Meaning: dwarf

Size: one billionth

Factor: 0.000000001

A nano-meter is a billionth of a meter.

The average diameter of a human hair is 80,000 nano-meter.

Our nano product is 400x smaller than a human hair and 2,500x smaller than a grain of table salt.

WHAT DOES ORGANIC NANO PRODUCTS MEAN FOR AGRICULTURE ?

Instant Organic Bio-availability

Nano Organic fertilizer for agricultural use was designed with a combination of the latest and state of the art technologies.

Nano Bubbles, Nano Particles, Microbials, Agricultural Enzymes and Humic/Fulvic Acid all in a soluble matrix concentration that is mixed into water for nano bubble reaction, activation of enzymes and dispersion of nano particles for soil conditioning.

Our soil conditioner is based on only natural mineral elements, nutrients, carbon, oxygen, microbes, all in a soluble nano solution.

Our product Nano sizes range from 40nm - 70nm.

ADVANTAGES OF NANO FERTILIZERS OVER CONVENTIONAL CHEMICAL FERTILIZERS

- Improved plant uptake
- Low application rates
- Decreased environmental impacts
- Contains high nutrient concentrations
- Potential to maximize crop yields
- Slow release of nutrients provide a steady supply of nutrients
- High Solubility – Increased solubility due to the reduced particle size
- Increased Efficiency due to direct Bio-delivery of essential nutrients to plants
- Greater surface area – The nano particle increases their capacity to penetrate plants
- Enhancing physical and chemical properties of soil and increases the Carbon sequestration

Nanotech-Agri

SM10 Nano - 3 Stage Program

Stage 1

Nano SM10 Seed Dressing

For protection, increase of seed germination and respiration levels.

100% Bio-available through Nano particle size



Stage 2

Nano SM10 Fertilizer Foliar Spray

When foliage have at least 5 – 6 leaves or 2 to 4 weeks in seedling stage.

+

Leaf Wash

A combination of microorganisms and minerals that work together to fight insects and fungus



Stage 3

Nano SM10 Fertilizer Foliar Spray

When foliage have at least 10 – 12 leaves or 8 to 12 weeks after first leave treatment.

+

Leaf Wash

A combination of microorganisms and minerals that work together to fight insects and fungus



Nanotech-Agri products are shipped in Concentrated form which is adequately mixed in with water ready for use.

Nanotech-Agri Application Program

Stage 1 – Seed Dressing & Planting

Ingredients

- 25L SM10 Concentrate
- PH balancer
- 975 Litres of water with a PH of 5.5 – 6.5

Method

- Adjust water PH between 5.5 -6.5 by using Nanotech-Agri PH balancer
- Premix 25L SM10 Concentrate into 975L water - Ratio 1:39 (1L Concentrate for every 39L water)
- Coat seeds by spraying SM10 mixture through seed treater unit
- Crop application rates: 4ml per Kg seed

Seed Dressing Application Rates

Seed Type	Amount of SM10 (Milliliters)	Amount of Water (Litres)	Seed / Lbs.
Rye	100ml	3.9L	2,200
Oats	100ml	4.1L	2,300
Corn	100ml	4.3L	2,400
Peas	100ml	3.6L	2,000
Grass	100ml	3.9L	2,200
Lentils	100ml	3.9L	2,200
Soybean	100ml	4.3L	2,400
Potatoes	200ml	2.9L	1,600
Sunflower	100ml	3.6L	2,000
Tomatoes	100ml	3.2L	1,800
Canola / Flax	100ml	4.0L	2,200
Barley / Wheat	100ml	4.0L	2,200

Stage 2 – Foliar Spray

1st Leaf Treatment – When foliage have at least 5-6 leaves

Ingredients

- 25L SM10 Concentrate for every 1,500L to 1,800L of water to be sprayed over 40 Acres
- PH balancer
- 1,500 to 1,800 Litres of water with a PH of 5.5 – 6.5

Method

- Adjust water PH between 5.5 -6.5 by using Nanotech-Agri PH balancer
- Premix 25L SM10 Concentrate into 1,500L to 1,800L water
- Spray foliage well with mixture, set sprayer to spray mixture of 1,500L to 1,800L for every 40 Acres

Stage 3 – Foliar Spray

2nd Leaf Treatment – When foliage have at least 10-12 leaves

Ingredients

- 25L SM10 Concentrate for every 1,500L to 1,800L of water to be sprayed over 40 Acres
- PH balancer
- 1,500 to 1,800 Litres of water with a PH of 5.5 – 6.5

Method

- Adjust water PH between 5.5 -6.5 by using Nanotech-Agri PH balancer
- Premix 25L SM10 Concentrate into 1,500L to 1,800L water
- Spray foliage well with mixture, set sprayer to spray mixture of 1,500L to 1,800L for every 40 Acres

Potential Product Benefits

- Increase in oxygen levels (Nano Bubbles)
- Microbes can place carbon back into the soil
- It is 100% bioavailable through Nano particle size
- It can increase seed germination and respiration levels
- Increase in photosynthesis through the Rubisco enzyme
- Stimulation of plant growth and increased soil and enzyme activity
- The result can be an increase in crop yield, quality and production
- Improvement in ground water retention capacity and temperature adjustments
- Increased biological activity and lateral spread of water, proteins and nutrients
- Nano particles enables decontamination, removal of toxins and is a great water-based inoculant
- Activation of plant immune system ability to respond to stress, illnesses and increased self defense
- Organic Nano SM10 is safe to use and 100% natural, it has a positive effect on the plant's DNA & RNA

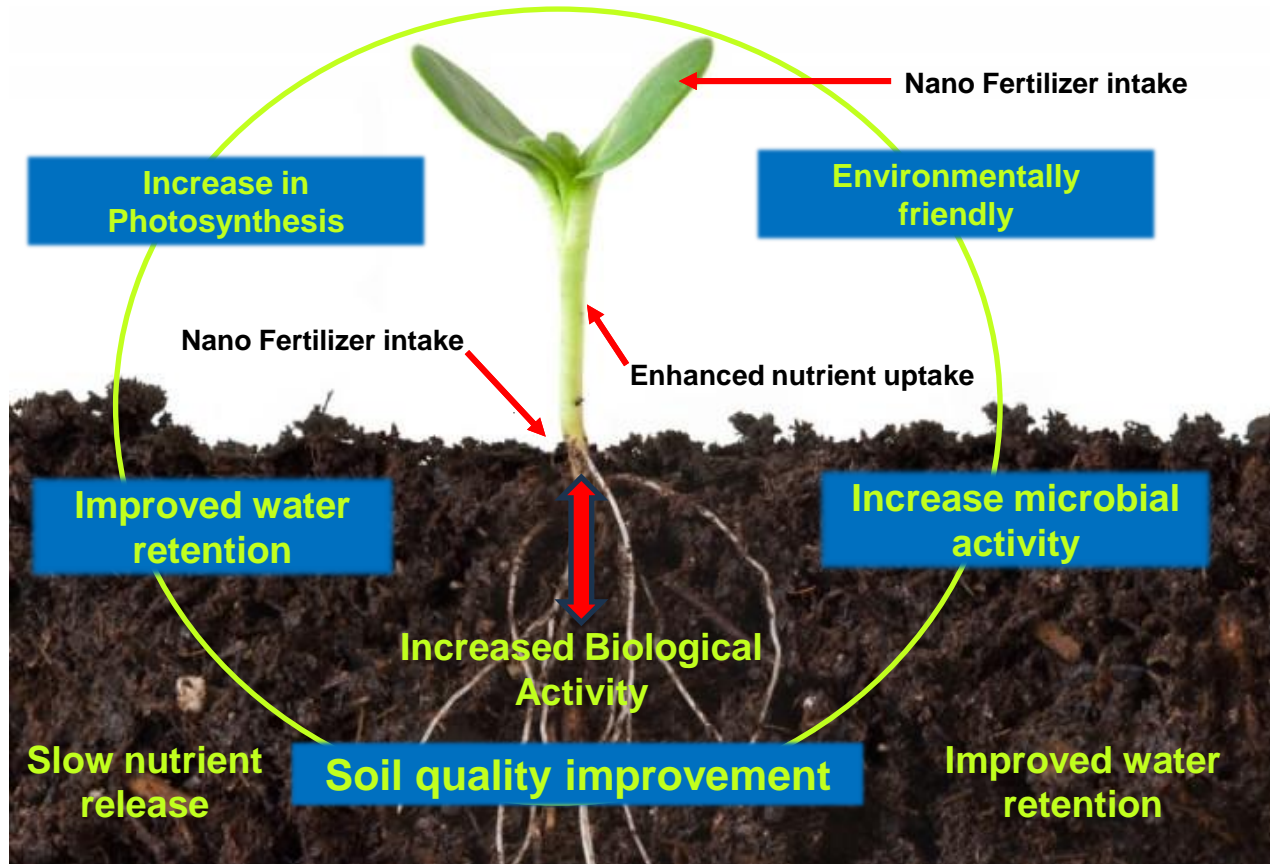
Nanotech- Agri

Our Results speak for itself





WHAT MAKES NANO FERTILIZER DIFFERENT



CONTACT US

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