



# User Guide

## Table of Contents

### Fruits

Citrus  
Banana  
Peaches  
Mango tree  
Grapes  
Berries

### Vegetables

Tomatoes  
Cucumbers  
Lettuce  
Onion  
Squash  
Potatoes

### Grains, Cereals and Oilseed

Wheat  
Barley  
Oats  
Corn  
Rice  
Rye  
Sorghum  
Sunflowers

### Legumes

Soy beans  
Common beans  
Lentils  
Peas  
Nuts  
Alfalfa

### Flowers

Roses  
Tulips  
Orchids  
Clippings

### Spices

Oregano  
Dill  
Parsley  
Pepper  
Basil  
Cilantro

### Cactus

Aloe vera  
Hoodia

### Miscellaneous

Tobacco  
Sod  
Sugar cane  
Bamboo

## Nano-Gro™ treatment of common crops

### Fruits

---



#### fruit trees: citrus, banana, peaches

##### Solution

- ❖ Injection
  - 4** pellet per **1** liter of water
- ❖ All-purpose irrigation
  - 1** pellet per **1** liter of water

##### Instructions for use

There are two methods to apply Nano-Gro™ to fruit trees:

- ❖ Injection under bark.
  1. Drill a hole 3 mm in diameter 1 meter above ground and 2 cm deep in the tree
  2. Within the aperture, inject 20 ml of Nano-Gro™.
- ❖ Soil application:
  1. Create a hole at least 1 m deep, 0.3 m from the plant
  2. Pour 200 ml of the WS into the hole
  3. Cover the hole with the same soil

#### mango

##### Solution

- ❖ Injection
  - 3** pellet per **1** liter of water
- ❖ All-purpose irrigation
  - 1** pellet per **1** liter of water

##### Instructions for use

There are two methods to apply Nano-Gro™ to fruit trees:

- ❖ Injection under bark.
  1. Drill a hole 3 mm in diameter 1 meter above ground and 2 cm deep in the tree
  2. Within the aperture, inject 20 ml of Nano-Gro™.
- ❖ Soil application:
  4. Create a hole at least 1 m deep, 0.3 m from the plant
  5. Pour 200 ml of the WS into the hole
  6. Cover the hole with the same soil

#### grapes

##### Solution

- ❖ All-purpose irrigation
  - 1** pellet per **1** liter of water

##### Instructions for use

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

## berries

### Solution

- ❖ All-purpose irrigation  
1 pellet per 1 liter of water

### Instructions for use

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

## Vegetables

---



## tomatoes, cucumbers, lettuce, onion

### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

### Instructions for use

- ❖ Seeds to seedlings
  1. Soak seeds Nano-Gro™ solution for 10 – 15 seconds
  2. Dry the seed under shade
  3. Once dry, plant seeds in trays
- ❖ Stage of 2 – 3 real leaves
  1. Do not treat again until seedling sprouts 2 to 3 real leaves
  2. Water plant with 30-50ml of Nano-Gro™
  3. Grow as usual

## squash

### Solution

- ❖ All-purpose use  
2 pellet per 1 liter of water

### Instructions for use

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

## potatoes

### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

### Instructions for use

- ❖ Soak seed potatoes in WS for 30 seconds
- ❖ Plant as usual

## Grains

---



### wheat, barley, oats

#### Solution

- ❖ Pre-planting machine  
24 pellet per 10 liter of water

#### Instructions for use

- ❖ Treat seeds by pre-planting machine

#### Usage

- ❖ 10 liters will treat 1 ton of seeds

### corn, rice

#### Solution

- ❖ Pre-planting machine  
24 pellet per 10 liter of water

#### Instructions for use

- ❖ Treat seeds by pre-planting machine

#### Usage

- ❖ 10 liters will treat 1 ton of seeds

### rye, sorghum

#### Solution

- ❖ Pre-planting machine  
24 pellet per 10 liter of water

#### Instructions for use

- ❖ Treat seeds by pre-planting machine

#### Usage

- ❖ 10 liters will treat 1 ton of seeds

### sunflowers

#### Solution

- ❖ Pre-planting machine  
24 pellet per 10 liter of water

#### Instructions for use

- ❖ Treat seeds by pre-planting machine

#### Usage

- ❖ 10 liters will treat 1 ton of seeds

## Legumes

---



### soy beans, common beans, lentils, peas

#### Solution

- ❖ Pre-planting machine  
24 pellet per 10 liter of water

#### Instructions for use

- ❖ Treat seeds by pre-planting machine

#### Usage

- ❖ 10 liters will treat 1 ton of seeds

### nuts

#### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### Instructions for use

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

### alfalfa

#### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### Instructions for use

- ❖ Treat seeds with Nano-Gro™ before planting
  1. Soak seeds Nano-Gro™ solution for 10 – 15 seconds
  2. Dry the seeds under shade
  3. Once dry, plant seeds in trays

## Flowers

---



### plant clippings

#### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### Instructions for use

- ❖ If clippings are rooted in water
  1. Add the correct number of pellets to the rooting water to achieve a 1/1 ratio of pellets per liter
- ❖ If clippings are planted directly
  1. Soak the cuttings in the Nano-Gro™ solution for 30 minutes
    - a. The clippings may be soaked for only 20 minutes, for maximum penetration allow to soak for 30 minutes

### tulips

#### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### Instructions for use

- ❖ Treat bulbs with Nano-Gro™ before planting
  1. Soak bulbs with the Nano-Gro™ solution for 20 - 30 seconds
  2. Dry bulbs under shade
- ❖ Mix Nano-Gro™ with fertilizers

### orchids

#### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### Instructions for use

- ❖ Treat tissue culture with Nano-Gro™
  1. Add 3 – 4 drops of a sterile solution of Nano-Gro™ to tissue culture

### roses

#### Solution

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### Instructions for use

- ❖ If clippings are rooted in water
  1. Add the correct number of pellets to the rooting water to achieve a 1/1 ratio of pellets per liter
- ❖ If clippings are planted directly

2. Soak the cuttings in the Nano-Gro™ solution for 30 minutes
  - a. The clippings may be soaked for only 20 minutes, for maximum penetration allow to soak for 30 minutes
- ❖ Treat rose bushes with Nano-Gro™
  1. Water rose bush with Nano-Gro™ during vegetationOr
  2. Mix Nano-Gro™ with fertilizers

## Spices

---



### oregano

#### Solution

- ❖ All-purpose use
- 1** pellet per **1** liter of water

#### Instructions for use

- ❖ Treat seeds with Nano-Gro™ before planting
  1. Soak seeds with the Nano-Gro™ solution for 10 - 15 seconds
  2. Dry seeds under shade
- ❖ Mix Nano-Gro™ with fertilizers

### dill, parsley, pepper, basil, cilantro

#### Solution

- ❖ Pre-planting machine
- 1** pellet per **1** liter of water

#### Instructions for use

- ❖ Treat seeds by pre-planting machine

#### Usage

- ❖ **10** liters will treat **1** ton of seeds

## **Cactus**

---



### **aloe vera**

#### **Solution**

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### **Instructions for use**

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

### **hoodia**

#### **Solution**

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### **Instructions for use**

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

## **Miscellaneous**

---



### **tobacco**

#### **Solution**

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### **Instructions for use**

- ❖ Seeds to seedlings
  1. Soak seeds Nano-Gro™ solution for 10 – 15 seconds
  2. Dry the seed under shade
  3. Once dry, plant seeds in trays
- ❖ Stage of 2 – 3 real leaves
  4. Do not treat again until seedling sprouts 2 to 3 real leaves
  5. Water plant with 30-50ml of Nano-Gro™, making sure the roots are soaked
  6. Grow as usual





### sod

#### **Solution**

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### **Instructions for use**

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual

### sugar cane

#### **Solution**

- ❖ All-purpose use  
1 pellet per 1 liter of water

#### **Instructions for use**

- ❖ Treat cane stalks with Nano-Gro™
  1. Soak cane stalks with the Nano-Gro™ solution for 10 - 15 seconds
  2. Dry stalks under shade
  3. Plant as usual

### bamboo

#### **Solution**

- ❖ All-purpose use  
2 pellet per 1 liter of water

#### **Instructions for use**

- ❖ Mix Nano-Gro™ with fertilizer and apply as usual