



**LESS DEPENDENCE  
ON FERTILIZERS**

and more efficient  
water utilization



**ENHANCED  
ROOT GROWTH**

and increased  
root mass



**INCREASED  
RESISTANCE**

to biotic and  
abiotic stress



**HEALTHY SOIL  
BIOME**

and overall  
plant health



**MORE EFFICIENT  
WATER AND NUTRIENT**

absorption through  
stimulation of a plant's  
natural metabolism and  
microorganisms in soil

# MitoGrow™

## Aqua 3-IA

Aqua 3-IA is a suspendible dry powder containing a patented combination of IBA, bacteria, mycorrhizae, cytokinin, and vitamins B1, B3, and B6 which promotes root growth and development in most species of trees, shrubs, ornamentals, and turf. Use of Aqua 3-IA encourages and improves overall nutrient and water uptake, thereby enhancing vigor and growth as well as tolerance to environmental stress.

[www.mitogrow.com](http://www.mitogrow.com)

Patent US10836686B1

**NET WEIGHT: 1 LB. (0.45 KG)**

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# Aqua 3-IA

## GUARANTEED ANALYSIS

CONTAINS NON-PLANT FOOD INGREDIENTS

### ACTIVE INGREDIENTS

2.50% Indole-3-Butyric Acid\*

0.25% Vitamin B1

0.15% Vitamin B3

0.25% Vitamin B6

0.004% Cytokinin (as Kinetin)\*

1.1 x 10<sup>7</sup> CFU/g *Bacillus amyloliquefaciens*

2.6 CFU/g *Endomycorrhizae* fungi spores

*Glomus aggregatum*, *G. etunicatum*, *G. clarum*, *G. deserticola*, *G.*

*intraradices*, *G. monosporus*, *G. mosseae*, *Gigaspora margarita*, and

*Paraglomus brasilianum*

2.6 x 10<sup>3</sup> CFU/g *Ectomycorrhizal* fungi

*Laccaria laccata*, *Pisolithus tinctorius*, *Rhizopogon amylopogon*, *R.*

*fulvigleba*, *R. rubescens*, *R. villosuli*, *Scleroderma cepa*, and *S. citrinum*

96% Inert Ingredients

\*Vitamin hormone product not subject to FIFRA regulation pursuant to 40 C.F.R. § 152.6(f).

## PRECAUTIONARY STATEMENTS

Do not breathe dust. Wash hands, forearms, and face thoroughly after handling. Get medical advice /attention if you feel unwell.

### FIRST AID

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

**Skin Contact:** Wash off immediately with soap and plenty of water. **Inhalation:** Remove to fresh air. **Ingestion:** Clean mouth with water and drink afterwards plenty of water.

### DISPOSAL

Do not reuse this container. Dispose of contents/container in accordance with local/regional/national regulations.

### READ ENTIRE LABEL

Always read and follow label instructions. Do not use on food crops. This product is not for human consumption. See first aid and precautionary statements on this label.

### STORAGE

Aqua 3-IA should be stored in its original container, away from heat and direct sunlight. Preferably store in cool areas out of direct sunlight, away from children and pets, feed, and food products. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

### GENERAL PRODUCT INFORMATION

Aqua 3-IA is a suspendable dry powder containing a patented combination of IBA, bacteria, mycorrhizae, cytokinin, and vitamins B1, B3, and B6 which promotes root growth and development in most species of trees, shrubs, ornamentals, and turf. Use of Aqua 3-IA encourages and improves overall nutrient and water uptake, thereby enhancing vigor and growth as well as tolerance to environmental stress.

Note: Aqua 3-IA does not contain plant nutrients and optimal results require a regular fertilization program.

### COMPATIBILITY

DO NOT USE ON FOOD CROPS OR ON PERENNIALS THAT MAY BEAR FRUIT WITHIN ONE YEAR. Do not mix product with bactericides or copper compounds. Tank mix Aqua 3-IA according to the directions in the table below. For liquid applications, it is recommended to pre-dissolve the product in a small amount of water, creating a slurry, prior to adding to the spray tank. Use of a 50- to 100-mesh screen to filter the slurry prior to adding to the spray tank or incorporating a 50 to 100-mesh screen in your application system to prevent clogging is recommended. Ensure adequate agitation during use to maintain suspension. Mix only enough for the immediate application. For fertilizer tank mixing, follow fertilizer manufacturer's directions for mixing priority. It is recommended to mix Aqua 3-IA with other products the day of use.

**Condition of Sale and Warranty:** MitoGrow, LLC warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage, and use of the product by Buyer or User are beyond the control of MitoGrow, LLC and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL MITOGROW, LLC OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

## TREE, SHRUB, PERENNIALS, & NURSERY/GREENHOUSE APPLICATION

Application Method	Rate	Frequency/Directions
Transplant/ New Installation	Mix 1 – 2 lb. of product per 100 Gallons of water (0.16 – 0.32 oz. per Gallon) Metric: Mix 0.48 – 0.95 kg of product per 400 L of water (1.2 – 2.4 gram per L)	Apply the suspension as a drench to the root ball at the time of planting prior to backfilling. Use 1 Gallon (4 L) of solution per each Gallon (4 L) of container or root ball size.
Deep Root Feeding/In-jection Application for Estab-lished Tree Maintenance	Mix 14 oz. of product per 100 Gallons of water Metric: mix 0.42 kg of product per 400 L of water	Apply 2 – 5 Gallons (7.5 – 19 L) per 1" (2.54 cm) DBH (diameter at breast height) of tree Apply one to four times annually depending on tree health. Distressed trees should receive multiple applications throughout the growing season.
Drench Application for Estab-lished Tree Maintenance	Mix 1 lb. of product per 100 Gallons of water (0.16 oz. per Gallon) Metric: mix 0.48 kg of product per 400 L of water (1.2 grams per L)	Apply 2 Gallons (7.5 L) of diluted mixture per 1" (2.54 cm) DBH. Evenly distribute the drench around and within the dripline of the tree. Ensure that the drench is absorbed into the soil and that there is no runoff. Apply one to four times annually depending on tree health. Distressed trees should receive multiple applications throughout the growing season.
Nursery Maintenance/ Sizing Up Containers/ Seed Bench	Mix 8 – 16 oz. into 100 Gal-lons of water (0.08 – 0.16 oz. per Gallon) Metric: mix 240 – 475 grams of product into 400 L of water (0.6 – 1.2 g per L)	Apply when liners are potted, and each time the plant is repotted into a larger container. Apply one quart (1 L) of solution per nominal Gallon (4 L) of container size.

## TURF APPLICATION

Application Method	Rate	Frequency/Directions
Seed Treatment	0.35 Oz – 0.7 Oz / 100 Lb Of Grass Seed Metric: 11 – 22 G / 50 Kg Of Grass Seed	Blend Product With Seed To Be Treated. Higher Rate Recommended For Smaller Seed Diameters
Established Turf	8 oz – 16 oz of product per acre (0.18 oz – 0.36 oz per 1000 ft <sup>2</sup> ) Metric: 560 g – 1.12 kg of product per hectare (56 g – 112 g per 1000 m <sup>2</sup> )	Mix product with amount of water for your coverage needs.

USE PRODUCT BEFORE:

