

**EVYP** Crop  
Biostimulation  
Technologies

**EVYP** is an innovative Greek company, specialized in the production of exclusively plant origin Non-GMO hydrolyzed proteins and amino acids for agricultural use. Main focus is the field of Bio Stimulants, Plant Growth Enhancers, Liquid Fertilizers and Food Insect Attractants.

EVYP is the only company in Greece and one of the few in South East Europe in the related field of expertise.

Following the imperatives of the current era for a new form of agriculture that seeks economic, environmental and social sustainability, people of EVYP, Technical Staff, Chemists, Agronomists, Economists and expertised skilled personnel, are guided for the creation of innovative, Patented, state-of-the-art internationally-established products.

Starting with the production of Food Insect Attractants and continuing with the sector of Biostimulants, EVYP has been consistently standing on the side of the modern farmer, providing the market with targeted innovative products that focus on plant production optimization, reduction of unreasonable use of crop protection agents and fertilizers, aiming to achieve a respective decrease of the farmer's operational costs and always supporting progressive agricultural forms and take under consideration the long term sustainability of the natural environment.

Taking into account the increasing demands of the modern farmer, the company's R&D Dpt. stays in continuous collaboration with Universities and Research Institutes supporting the creation of newly brand innovative high-quality products as well as the evolution of the already existing ones.

The modern production unit is located in the Industrial Area of Thessaloniki, in Greece. All raw materials used as well as the end-products are subject to protocol based in-house controls at the company's laboratory, ensuring a consistent and excellent high-quality operation.

EVYP has been evaluated and accepted by the European Commission as a member of the ECOLINK+Business Club, among the 100 developing and eco-innovative businesses. The company has been awarded for the innovative-oriented development in the relative field of expertise, within the framework of the 5<sup>th</sup> "Innovation & Development" multi-event conference of the "ka-business" portal.

The production process is compliant with the Quality Management System EN ISO 9001 & the Environmental Management System EN ISO 14001 by TUV HELLAS/TUV NORD GROUP.



UNIQUE PRODUCTS FOR ADVANCED AGRICULTURAL DEVELOPMENT



# Amino16® biostimulants' product line

# Amino16®

Organic Solution  
of 16 free L-Amino Acids  
of Plant Origin



Plant Nutrition/  
Plant Growth  
Enhancer



A particularly powerful and effective biostimulant  
with unique composition

**Amino16®** is a particularly powerful and effective biostimulant. Its unique composition with 16 L-amino acids and peptides derived exclusively from non-genetically modified plant origin proteins, makes it necessary for all crops: industrial & forage crops, outdoor and indoor/greenhouse production, arboriculture, vineyards, ornamental plants.  
Information by crop: [www.evyp.gr](http://www.evyp.gr).

### The dynamic reinforcement of all crops

- Activates the natural defense mechanisms
- Stimulates the basic functions of metabolism.
- Amazingly enhances fruit setting
- Effectively reduces the premature dropping of fruit.

- Increases crop yield.
- Improves quality.
- Enhances the development of the root system by helping the plant to better utilize the nutrient elements.
- Enhances the effectiveness of fertilizers.
- Facilitates the action of crop protection agents.
- Supports crops to overcome biotic and abiotic stress conditions (frost, drought, weed competition, high/low temperature, frequent temperature fluctuations, over fertilization, over application of pesticides).
- Improves the size, color, shelf life, appearance of fruits and vegetables.

### Modes of application / Dosage rates

#### Foliar applications

- ▶ Spray on the foliage with a 300-600 ml Amino16® solution for every 100 lt of water. The dosages and frequency of applications vary according to the crop and the vegetative stage.

#### Application in soil

- ▶ 1-2 lt Amino16® per 1,000 m<sup>2</sup> through the irrigation network. The dosages and frequency of applications vary according to the crop and the vegetative stage.
- ▶ Detailed dosage rates & application frequencies available at [www.evyp.gr](http://www.evyp.gr).

### Compatibility

- ▶ Combines well with most crop protection agents and liquid/water soluble fertilizers
- ▶ Not to be combined with products containing Sulfur (S)
- ▶ When combined with Copper (Cu) Products pre-test before application. On olive trees no test is needed.

### Storage / Stability

Store in well ventilated places, away from sunlight under temperatures -10°C to +39°C. Under these conditions and when kept in its original, sealed packaging, it remains stable for at least 2 years.

### Composition

Free L-Amino Acids	11.3%
Total Nitrogen	3%
Organic Matter	33%
pH	3

### list of 16 L-Amino Acids

L-Glutamic Acid	L-Threonine
L-Phenilalanine	L-Glycine
L-Methionine	L-Proline
L-Lycine	L-Tyrocine
L-Aspartic Acid	L-Valine
L-Leucine	L-Histidine
L-Serine	L-Arginine
L-Isoleucine	L-Alanine

### Precautions

Keep it away from children, food, drink & animal feed.  
Do not drink it.

Procedures: EN ISO 9001, EN ISO 14001

250 ml

1L

5L

20L



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SUITABLE FOR USE IN ORGANIC FARMING

# Amino16® biostimulants' product line

Biostimulant rich in free L-amino acids and proteins for the enhancement of plant growth development

## Amino16® B Zn

with  
Boron B and  
Zinc Zn

Plant Nutrition/  
Plant Growth  
Enhancer



**Amino16® with B&Zn** is the result of an excellent combination of Amino16® and high-quality trace elements of Boron and Zinc, elements with a valuable contribution to plant nutrition, absolutely necessary for better flowering and fruit setting in all crops (Industrial & Forage Crops, Arboriculture, Indoor & Outdoor Production etc). The Amino Acids of Amino16® contribute to the most efficient uptake of Boron and Zinc so as the plants overcome nutritional deficiencies, store B & Zn and achieve a desirable yield.

Information by crop: [www.evyp.gr](http://www.evyp.gr).

### list of 16 L-Amino Acids

L-Glutamic Acid	L-Threonine
L-Phenilalanine	L-Glycine
L-Methionine	L-Proline
L-Lycine	L-Tyrocine
L-Aspartic Acid	L-Valine
L-Leucine	L-Histidine
L-Serine	L-Arginine
L-Isoleucine	L-Alanine

### Modes of application / Dosage rates

#### Foliar applications

- ▶ **Olive Trees:** 500 cc per 100 lt of water in the end of winter, 300 cc per 100 lt of water before flowering, 300 cc per 100 lt of water after fruit setting
- ▶ **Citrus Trees:** 300 cc per 100 lt of water before flowering, 2-3 applications with 500 cc per 100 lt of water after fruit setting
- ▶ **Rest of the cultivations:** 4-5 applications per growing season with 300 cc per 100 lt of water.

#### Application in soil

- ▶ Amino16® B & Zn can be applied through the irrigation system at dosage rates of 300 cc per 100 lt of water at least 4-5 applications per growing season
- ▶ The recommended dosage rates are indicative and vary according to temperature, sunshine and soil pH.

Procedures: EN ISO 9001, EN ISO 14001

### Composition

Total Nitrogen (N)	3%
Boron (B)	0.5%
Zinc (Zn)	0.8%
Organic Matter	19%
Free L-Amino Acids	10%
pH	3

The product is also available with enhanced concentration of Boron & Zinc (**Amino16® B&Zn Plus**)

### Amino16® B&Zn Plus composition

Total Nitrogen (N)	2.8%
Boron (B)	0.9%
Zinc (Zn)	1.2%
Organic Matter	17.2%
Free L-Amino Acids	10%
pH (at 25°C)	2.5

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# Amino16® biostimulants' product line

Biostimulant rich in free L-amino acids and proteins for the enhancement of plant growth development

## Amino16® Si Zn

with  
Silicon Si and  
Zinc Zn

Plant Nutrition/  
Plant Growth  
Enhancer



**Amino16® with Si&Zn** is the result of an excellent combination of Amino16® and high-quality trace elements of Silicon and Zinc, elements with a valuable contribution to plant nutrition, especially rice, cereals and tree crops. The effective absorption of Silicon and Zinc, catalyzed by the amino acids of Amino16® solution, strengthens the resistance of plants in adverse conditions, promotes the enzymatic activity, leads to a more effective fruit setting and contributes to the increase of the crop yield.

Information by crop: [www.evyp.gr](http://www.evyp.gr).

### list of 16 L-Amino Acids

L-Glutamic Acid	L-Threonine
L-Phenilalanine	L-Glycine
L-Methionine	L-Proline
L-Lycine	L-Tyrocine
L-Aspartic Acid	L-Valine
L-Leucine	L-Histidine
L-Serine	L-Arginine
L-Isoleucine	L-Alanine

### Modes of application / Dosage rates

#### Foliar applications

- ▶ **Rice:** 500 cc per 100 lt of water at 4-6 leaves and later with the fungicide preferably before the emergence of the flowers at the same dosage rate.
- ▶ **Cereals:** 500 cc per 100 lt of water at the tillering stage (combined with the herbicide) and later at the booting stage (combined with the fungicide) at the same dosage rate.
- ▶ **Rest of the cultivations:** 4-5 applications per growing season with 300 cc per 100 lt of water .

#### Application in soil

- ▶ Amino16® Si & Zn can be applied through the irrigation system at dosage rates of 300 cc per 100 lt of water at least 4-5 applications per growing season
- ▶ The recommended dosage rates are indicative and vary according to temperature, sunshine and soil pH level.

### Composition

Total Nitrogen (N)	3%
Silicon (Si)	0.5%
Zinc (Zn)	0.6%
Organic Matter	27%
Free L-Amino Acids	100-130 g/L
pH	3.2

Procedures: EN ISO 9001, EN ISO 14001

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1L



5L



# Amino16® biostimulants' product line

Biostimulant, a mixture of 16 L-amino acids of plant origin and Ascophyllum Nodosum seaweed extracts

# fruitfix

Combinational mixture of 16 L-Amino Acids and Seaweed Extracts

Plant Growth Enhancer  
Biostimulant



**Fruitfix** is the result of a very successful combination of 16 L-amino acids of plant origin (Amino16®) and seaweed extract of species Ascophyllum Nodosum. The application of such combination leads to an improved flowering & fertilization process, increased fruit setting, activation of natural defense mechanisms, recovery of plants after exposure to adverse biotic and abiotic conditions, efficient absorption of nutrient elements and increase the crop yield of all crops. Also suitable for organic farming.

## list of 16 L-Amino Acids

L-Glutamic Acid	L-Threonine
L-Phenilalanine	L-Glycine
L-Methionine	L-Proline
L-Lycine	L-Tyrocine
L-Aspartic Acid	L-Valine
L-Leucine	L-Histidine
L-Serine	L-Arginine
L-Isoleucine	L-Alanine

## Modes of application / Dosage rates

### Foliar applications

- ▶ 200-500 ml solution for every 100 lt of water. The dosages and frequency of applications vary according to the crop and the vegetative stage.

### Application in soil

- ▶ 2-4 lt per 1,000 m<sup>2</sup> through the irrigation network.
- ▶ The recommended dosage rates are indicative and vary according to temperature, sunshine and soil pH level.

## Composition

Seaweed extracts	6.25% w/v
Ascophyllum Nodosum	
Plant Origin	9.6% w/v
L-Amino Acids	

Procedures: EN ISO 9001, EN ISO 14001

**EVYP** Crop Biostimulation Technologies



SUITABLE FOR USE IN ORGANIC FARMING





# Amino16® biostimulants' product line

# Granbrix

Organic mixture of 16 L-amino acids of plant origin, seaweed extracts and polysaccharides

Biostimulant



Biostimulant for optimum root establishment, first rapid growth and upgrade of sugar content and color of the fruits

**Granbrix** is a particularly powerful and effective organic biostimulant. Its unique composition that combines 16 L-Amino acids exclusively of plant origin with seaweed extracts sp. *Ascophillum Nodosum* and polysaccharides, promotes optimum root establishment and first rapid growth of the vegetables. Its application accelerates the proper development of the root system and improves nutrients' uptake. Contributes to the upgrade of the quality characteristics, as it increases the size, improves the color and taste of the fruits, as well as their relative sugar content. In addition, it contributes to the increase of the crop yield and post-harvest fruit conservation. It activates the natural defense mechanisms and imparts endurance to stress conditions caused by biotic & abiotic causes. Suitable for organic farming.

## list of 16 L-Amino Acids

L-Glutamic Acid	L-Threonine
L-Phenylalanine	L-Glycine
L-Methionine	L-Proline
L-Lycine	L-Tyrosine
L-Aspartic Acid	L-Valine
L-Leucine	L-Histidine
L-Serine	L-Arginine
L-Isoleucine	L-Alanine

## Modes of application / Dosage rates

### Foliar applications

- ▶ 200-500 ml solution for every 100 lt of water. The dosages and frequency of applications vary according to the crop and the vegetative stage.

### Application in soil

- ▶ 2-4 lt per 1,000 m<sup>2</sup> through the irrigation network.
- ▶ The recommended dosage rates are indicative and vary according to temperature, sunshine and soil pH level.

## Composition

Seaweed extracts, sp. <i>Ascophillum Nodosum</i>	4% w/w
Free L-Amino Acids of plant origin	7.2% w/w
Sugars	8% w/w
Nitrogen	2.3% w/w

Procedures: EN ISO 9001, EN ISO 14001

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food insect attractants

# Db100

Dacus bait 100

Insect attractant for the management of Bactrocera Oleae , Ceratitis Capitata and Rhagoletis Cerasi



Used for over 40 years by the Ministry of Rural Development and Food of Greece for the Bactrocera Oleae (Dacus Fly) Management Program

**Db100** has contributed to the improvement of the quality of the Greek olive oil since it is used for over 40 years by the Ministry of Rural Development and Food of Greece for the Bactrocera Oleae (Dacus Fly) Management Program. Its action and effectiveness is scientifically documented by a large number of studies by the Aristotle University of Thessaloniki, the Department of Entomology, the Benaki Phytopathological Institute, the Institute of olive trees subtropical plants and viticulture of Chania as well as many research centers of the Hellenic Agricultural Organisation "DIMITRA" (former N.AG.RE.F.). It is particularly soluble in water, it leaves no residue on the fruits and the leaves, it shows high selectivity, it is easy to use and it has great effectiveness.

Approved for use in organic farming (EC 839/2008).

Db100 has a European Southern Zone Registration and marketing authorization in Albania, Turkey, Syria, Iran and Tunisia, where it is being exported.

It is applied according to the species of the targeted insect:

With the method of **bait spraying** that provides reduction of insecticide use, drastic reduction of the chemical residues, protection (assurance) of the production, financial benefit to the producer, is non-toxic and friendly the environment, the user and the consumer, is absolutely harmless for plants, beneficial insects and animals and it can be combined with all authorized/ approved insecticides.

With the method of **mass trapping** that eliminates pesticide use, does not attract beneficial insects and bees, enables re-use of the trap, provides protection (assurance) of the production and financial benefit to the producer, it is friendly to the environment, the user and the consumer.

## Modes of application / Dosage rates

### Bait spraying

- **Dosage Rate:** Spray 3 lt of spraying solution / 1,000 m<sup>2</sup> (2-5% Db100 diluted in water with an approved insecticide).

### Mass trapping

- **Dosage Rate:** 1 portion of Db100 to 3 portions of Water (1:3) without insecticide.  
**Density:** 1 trap per tree

## Composition

Hydrolyzed protein	55%
Plant origin amino acids	3%

Procedures: EN ISO 9001, EN ISO 14001

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1L



5L



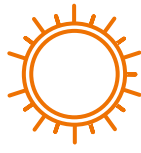
20L



216L







[www.evyp.gr](http://www.evyp.gr)

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