



**Technical  
information**

**VEGEAMINO**

**Properties & benefits**

### The product

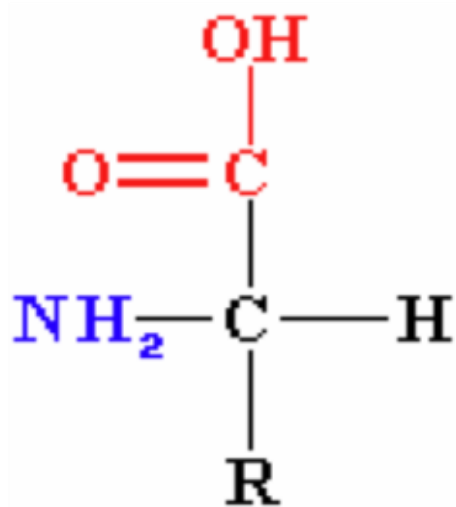
**VEGEAMINO** is a bioactivator composed by free amino acids of vegetal origin obtained by hydrolysis.

It acts as an activator for the physiology and the hormonal processes of the plant.

It contains elements aimed at the stimulation of crops development.



## Components



Organic compounds formed by a carboxylic acid (-COOH), a lateral chain (-R) and an amino group (-NH).

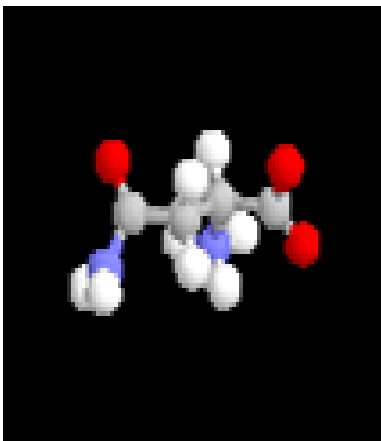
**VEGEAMINO** contains amino acids in L-position, fully assimilable by the plant.

**VEGEAMINO** amino acids are:

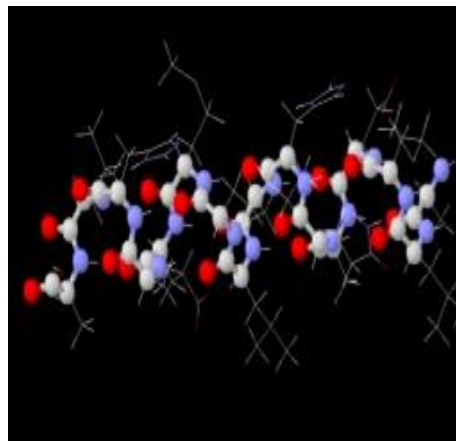
ASP – VAL – GLU (14,0%) – PHE – SER – ILE – GLY (5%) – LEU THR – LYS – ARG – HIS –  
ALA – PRO – TYR HYP – MET

**Amino acids join to create Peptide chains.  
Peptide chains fold themselves forming Proteins.**

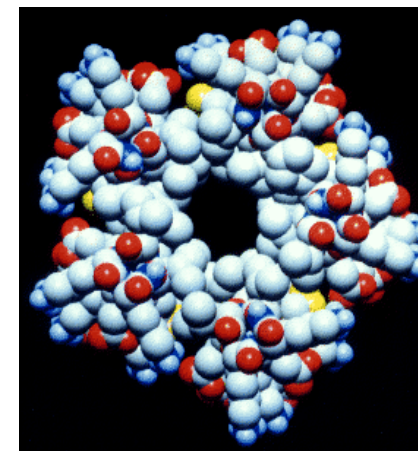
**AMINO ACID**



**PEPTIDE**



**PROTEIN**



Proteins have several functions, being one of their main the **enzymatic activity**

**Enzymes** are organic molecules composed by amino acids that **process substrates** which they convert into **metabolic products** through chemical reactions.

Through addition of **amino acids** the enzymatic activity increases, **boosting** metabolic speed.

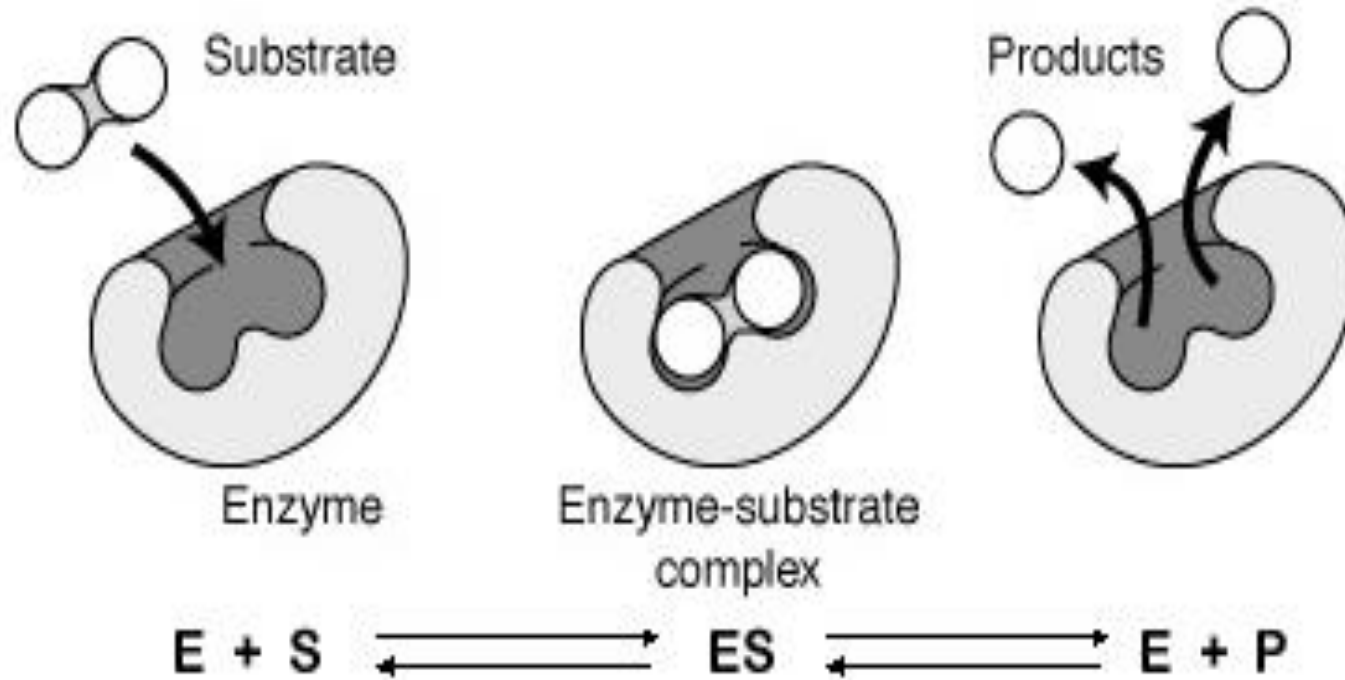


Diagram of the enzymatic activity

**Benefits**

**VEGEAMINO** amino acids give your crop the following benefits:

- ✓ Boosting of the **plant metabolism**
- ✓ Improving the **absorption** of microelements
- ✓ Reduction of the **energetic expenditure** for the plant
- ✓ Reinforcement of the **anti-stress systems**
- ✓ Improve the activity of the **phytosanitary**

**Summary**

Element	Guaranteed contents
Free amino acids	20,00% w/w = 24,80% w/v
Total Nitrogen (N)	3,90% w/w = 4,83% w/v

Density:	1,24 gr/cc
pH (20°C):	6,1



## Application

**VEGEAMINO** is recommended for all kinds of crops: **fruits** (pip and pit), **citrus**, **vegetables**, **extensive** and **ornamental**.

**VEGEAMINO** has a **completely assimilable** formula, so it can be applied both by the roots or by foliar spraying.

**VEGEAMINO** application is recommended during growth stages of the crop and during stress periods, like freezes, or along the application of phytosanitaries.

## Application & dose

CROP	Foliar application	Radicular application	APPLICATIONS / FREQUENCY
Fruit vegetables	200-250 cc/100 l	2-3 l/ha	2 – 4 applications when active growth occurs and along with phytosanitary
Leaf vegetables	200-250 cc/100 l	2-3 l/ha	2 – 4 applications when active growth occurs and along with phytosanitary
Citrus & subtropical crops	200-300 cc/100 l	2-4 l/ha	In pre-blossoming, petal fall and fattening
Fruit trees, olive trees & vines	200-300 cc/100 l	2-4 l/ha	Sprouting, pre-flowering, setting and ripening
Extensive & Ornamental	200-300 cc/100 l	2-4 l/ha	2 – 4 applications, with post-emergency herbicides, in the beginning and the end of the tillering process
Fertigation	-----	5-6 l/ha	Every 15-21 days

\* In fruit trees is recommended to apply just in fertigation.

### Benefits



- ✓ Favours **metabolic activity** in the crop
- ✓ Improves crop **growth**
- ✓ **Energy saving** for the plants
- ✓ Favours plant recovering against **stress** situations
- ✓ **Complexes** some **microelements**, favouring their absorption by the plant
- ✓ Improves the **effectivity** of **pesticides**.