

# PRODUCTS COMPOSITIONS

	(N) Total	(N) Nitric	(N) Amm.	(N) Ureic	P205	K2O	Fe	Mn	Zn	Cu	B
Master Supreme STARTER 11.42.11	11	2.6	8.4	//	42	11	0.07	0.03	0.01	0.005	0.02
Master Supreme DEVELOPMENT 20.5.15	20	5	1	14	5	15	0.07	0.03	0.01	0.005	0.02
Master Supreme FLOWERING 8.24.24	8	0.5	4.7	2.8	24	24	0.07	0.03	0.01	0.005	0.02
Master Supreme RIPENING 5.10.40	5	3.9	0.8	0.3	10	40	0.07	0.03	0.01	0.005	0.02
Master Supreme BALANCED 18.18.18	18	5.1	5.4	7.5	18	18	0.07	0.03	0.01	0.005	0.02

# CHEMICAL AND PHYSICAL CHARACTERISTICS

	FORMULATION	PH (1% SOLUTION)	SOLUBILITY (G/100 ML)	CONDUCTIVITY E.C. -1‰ (MS / CM) 18°C
Master Supreme STARTER 11.42.11	soluble microcrystals	5.9	10	0.91
Master Supreme DEVELOPMENT 20.5.15	soluble microcrystals	5.6	10	0.60
Master Supreme FLOWERING 8.24.24	soluble microcrystals	5.9	10	1.13
Master Supreme RIPENING 5.10.40	soluble microcrystals	6.1	10	1.19
Master Supreme BALANCED 18.18.18	soluble microcrystals	6.5	10	1.10

# DIRECTIONS FOR USE

METHOD OF APPLICATION

FERTIRRIGATION

## FRUIT CROPS



**Period of application**  
During the crop cycle

**Dosage**  
2,5 - 5 Kg/1000 m<sup>2</sup>

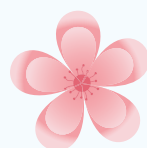
## HORTICULTURAL CROPS



**Period of application**  
During the crop cycle

**Dosage**  
2,5 - 5 Kg/1000 m<sup>2</sup>

## FLOWER CROPS



**Period of application**  
During the crop cycle

**Dosage**  
2,5 - 5 Kg/1000 m<sup>2</sup>

PACKAGING: 10 KG

# MASTER SUPREME

## FEEDS YOUR PLANTS IN A SPECTACULAR WAY



CHOOSE MASTER SUPREME  
TO TURN YOUR HARVEST INTO A GALA

**Valagro**<sup>®</sup>  
Where science serves nature

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MASTER SUPREME is a new line of high quality water-soluble fertilizers, enriched with biologically active components which guarantee both nutritional and biostimulant effect. The innovative formulations, based on Geopower technology (GEA582), are naturally involved in the biological and physiological processes of the plant, stimulating metabolism and ensuring a greater increase of quantity and quality of production. The line offers five different solutions in order to ensure a perfect nutrition for each phenological stage of plant growth.  
www.valagro.com

**Valagro**<sup>®</sup>  
Where science serves nature

**Master Supreme** is a new line of NPK water-soluble fertilizers enriched with **biologically active substances** which come from seaweed extract *Ascophyllum nodosum*. Starting from a deep knowledge of the raw materials and the innovative extraction methods, Valagro has developed this powerful solution in order to provide greater and more efficient nutrition to all crops.



## DOUBLE ACTION: NUTRITIONAL AND BIOSTIMULANT EFFECT

The exclusive formulations, based on Geapower technology (GEA582), guarantee the correct amount of macro and micronutrients requested by each phenological stage, optimize plant nutrition while offering a biostimulant effect to all plants.

- Regulates metabolism and the natural plant growth
- Stimulates plant's development and production
- Optimizes plant nutrition
- Enriched with biologically active components
- Increases the quantity and quality of yield

## BIOLOGICALLY ACTIVE INGREDIENTS

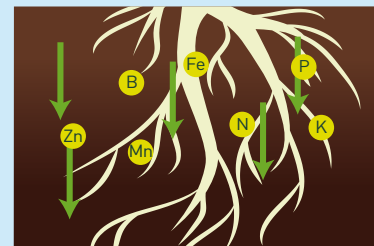
### FULVIC ACIDS

Fulvic Acids are part of the humic substances in rich composting soil. In particular, the fraction of the humic substance soluble at any pH. Furthermore Fulvic acids (FAs) are the most effective carbon containing chelating compounds known.

#### BENEFITS OF FULVIC ACIDS:

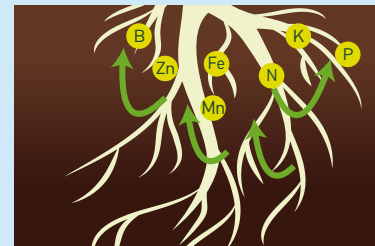
- Increase root absorption of macronutrients and trace elements
- Enhance the availability of nutrients and make them more absorbable
- Hormone-like activity for a better root and plant development
- Stimulate plant metabolism

Low Fulvic acid content → Exchange Capacity. Low Cation



- More nutrients leaching
- More groundwater contamination
- Less nutrients availability for roots

High Fulvic acid content → Exchange Capacity. High Cation

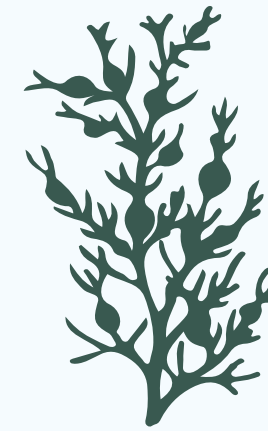


- Less nutrients leaching
- Less groundwater contamination
- More nutrients availability for roots

## SEAWEED EXTRACT *Ascophyllum nodosum*

*Ascophyllum nodosum* is a brown large alga that grows in the northern Atlantic Ocean, especially on the north-west coast of Europe and northeastern coast of North America. Seaweed extract contains several elements with potent anti-stress properties that used for the production of special fertilizers are able to give to the treated plants some of the typical properties of *Ascophyllum nodosum*.

The presence of seaweed extract in the Master Supreme formulations enhances the crop's physiological processes, the plant's growth performances, making them more efficient and productive.



#### BENEFITS OF ASCOPHYLLUM NODOSUM

- Improve crop vigor, yields, quality of fruits and vegetables
- Improve soil structure
- Reduce yield losses
- Enhance plant chlorophyll content
- Improve root system

## ONE SOLUTION FOR EACH PHENOLOGICAL STAGE

Master Supreme offers 5 different solutions in order to provide the correct amount of nutrients and biologically active substances for each vegetative stage of development and production:



#### 1. MASTER SUPREME **STARTER:**

The nutritional solution to improve crop-growing start-up and increase root growth



#### 2. MASTER SUPREME **DEVELOPMENT:**

The formulation suitable to feed the plant and increase the vegetative growth



#### 3. MASTER SUPREME **FLOWERING:**

The formulation designed to feed the plant during flowering able to stimulate the metabolic activity



#### 4. MASTER SUPREME **RIPENING:**

The presence of biological active components helps to improve the fruit quality parameters



#### 5. MASTER SUPREME **BALANCED:**

The balanced formula for any phenological stage of plant growth

## A STEP FORWARD THE NORMAL NUTRITION

ALLOWS TO MINIMIZE  
NUTRIENTS LEACHING

INCREASE NUTRIENTS USE  
EFFICIENCY AND CROP PRODUCTION

OPTIMIZES  
PLANT NUTRITION



Valagro is a leader in the production and commercialization of biostimulants and specialty nutrients for use in agriculture, gardening, and industrial applications. Founded in 1980 and headquartered in Atessa (Italy), Valagro is committed to providing innovative and effective solutions for plant nutrition and care. Its mission is to increase the quantity and quality of plants and harvested crops while enhancing productivity and reducing the environmental impact of cultivations.



## INNOVATION ACCORDING TO GEAPOWER

Using science to seize and exploit the potential of Nature with an eye to environmental sustainability:

This is the principle behind Geapower, the exclusive technology platform developed by Valagro in order to turn potential active ingredients into high-quality nutrient solutions. A technology based on four fundamental concepts:



Deep knowledge of active ingredients and raw materials



Selection of the extraction methods of active ingredients



Cutting edge investigations and analytical skills



Proven ability to provide effective solutions to the customer's requirements