

# PETRO 318 ACID ThB

BASAL DRESSING  
LINE



1

Provides organic matter of high value and quality

2

Phyto-stimulates plant metabolism

3

Improves the chemical, physical and biological characteristics of the soil

A NEW WAY OF MAKING  
BASAL DRESSING



**special fertilizers**  
for modern  
agriculture

[www.agriges.com](http://www.agriges.com)  
[info.contact@agriges.com](mailto:info.contact@agriges.com)



Certified company  
ISO 9001  
ISO 14001  
OHSAS 18001

# PETRO 318 ACID ThB



## DESCRIPTION

Petro is the historical Agriges basal dressing line made from high-quality raw materials of organic and mineral origin, skilfully processed and blended to obtain a complete product, capable of: nourishing the plant in a balanced and constant manner over time, stimulating plant metabolism and improving the chemical, physical and biological characteristics of the soil. Petro 318 Acid ThB is a biologically active product thanks to the unique *RyZea* and *ThioBac* production technologies, which enrich it with phytostimulant molecules and exclusive siderophore bacteria. The outcome of the synergy of its various components is a product that improves root development and nutrients uptake by acidifying and desalinising the circulating solution.

## COMPOSITION

Organic Nitroaen (N)	3,0 %	AEROBIC bacterial load *	1,0 x 10 <sup>8</sup> UFC/g
Total phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	3,0 %	ANAEROBIC bacterial load*	5,5 x 10 <sup>8</sup> UFC/g
Total Calcium Oxide (CaO)	14,0 %	<i>Bacillus megaterium</i> strain <i>S3Nb3</i> *	1,0 x 10 <sup>8</sup> UFC/g
Total Sulphur Trioxide (SO <sub>3</sub> )	20,0 %	HUMIFICATION RATE *	75-85 %
Organic Carbon (C)	15,0 %	HUMIC + FULVIC acids*	10-11 %

**Components:** protein hydrolysates with variable mineralisation, humified manure mixture (cattle, poultry), vegetable cakes, calcium sulphate, elemental sulphur, RyZea, ThioBac. Product enriched with 5% elemental sulphur contributing 12% SO<sub>3</sub>. \*Average values not shown on the label and referring to the natural living organic matrix.

***Bacillus megaterium S3Nb3* is an exclusive strain isolated and deposited by Agriges in an international reference microbial collection.**

AMINO ACIDS	% p/p		% p/p		% p/p		% p/p
Aspartic acid (including Asparagine)	1,28 %	Glycine	2,70 %	Proline	1,22 %	Cysteine and total cysteine	0,11 %
Glutamic acid (including Glutamine)	2,15 %	Isoleucine	0,52 %	Serine	0,69 %	Total Tryptophan	0,06 %
Alanine	1,34 %	Histidine	0,30 %	Tyrosine	0,44 %	Methionine	0,20 %
Arginine	1,39 %	Leucine	1,09 %	Threonine	0,52 %	<b>Total</b>	<b>16,2 %</b>
Phenylalanine	0,56 %	Lysine	0,89 %	Valine	0,70 %		

## DOSES AND INSTRUCTIONS FOR USE

Crops	Soil application	Dose kg/ha
Tree crops	Upon planting, before vegetative resumption or after harvesting	1000-1200
Horticultural crops	Before sowing/transplanting during tillage	700-1000
Industrial crops, Cereals	Before sowing/transplanting during tillage	800-1200
Fourth range vegetable	Before sowing during tillage	500-700

The above doses are purely indicative and may vary according to the soil and climate characteristics of each area.

## WARNINGS

The product must be buried, avoiding direct contact with the fertilized plants. Store in a cool, dry place, away from excess heat. To use the product in the best way, consult the fertilization plans.

## FORMULATION

Pellets/powder

## PELLET DIAMETER

3,5 mm

## HUMIDITY

5 - 6 %

## PACKAGES

25 - 600 kg / Bag, big bag

## TECHNICAL NOTES



Soil application



Exclusive Agriges production technology



Allowed in Organic Farming



Exclusive Agriges production technology



**special fertilizers**  
for modern  
agriculture

[www.agrises.com](http://www.agrises.com)  
[info.contact@agrises.com](mailto:info.contact@agrises.com)