

With its guarantee of:



Exclusive disposition of the

**New** fertilizer series



# Haisol



# NitroFarm

— since 1976 —



Industrial Area of Sindos, SQ20,  
B35-55, 57022, Thessaloniki



Free-phone: 800 11 820 820  
+30 2310 553354-7



e-mail: [info@nitrofarm.gr](mailto:info@nitrofarm.gr)  
[www.nitrofarm.gr](http://www.nitrofarm.gr)

# Welcome to ICL

**\$7 BILION**

Expected sales in 2021,  
with balanced product portfolio

**42**

Manufacturing plants  
in 13 countries worldwide

**~11,000**

Employees worldwide

## Global Reach, Strong Impact

We produce, sell and innovate globally



**42**

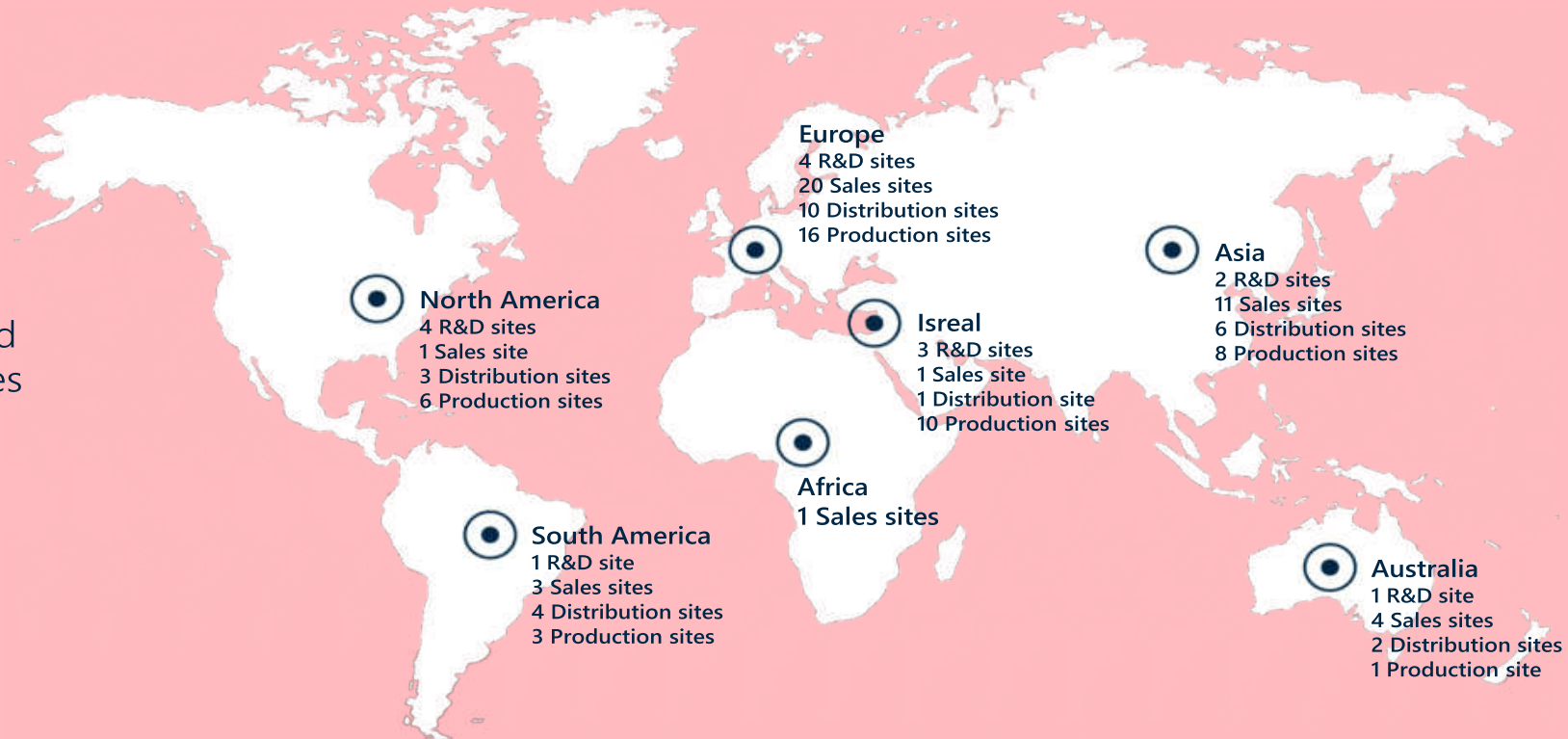
Production  
sites in 13  
countries

**30**

Logistics and  
sales services  
in over 30  
countries

**11K**

Full-time  
employees  
worldwide





# ICL's broad fertilizers portfolio for Agriculture;

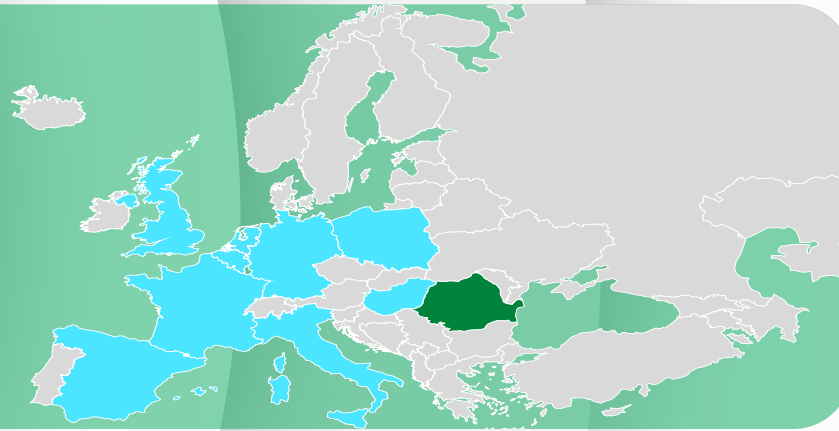
specialties and commodities = synergy

Fertilizerplus	Controlled release fertilizers	Water soluble fertilizers	Beyond fertilizers	Straight soluble P fertilizers	Granulated PK/NPK (GPK/ GNPK)	Commodity
<b>Polysulphate</b> ICL UK ♀ Boulby, UK	<b>E-max technology</b> Heerlen ♀ Netherlands Summerville ♀ USA	<b>Liquid fertilizers</b> ICL Haifa ♀ Israel Fuentes ♀ Spain	<b>Water Conditioners</b> Amega UK ♀ UK	<b>MKP</b> Rotem ♀ Israel	<b>NP fertilizers</b> Amfert ♀ Netherlands ♀ Germany	<b>Potash (potassium chloride, KCl)</b> Dead Sea Works ♀ Israel Iberpotash ♀ Spain
<b>PKplus</b> Amfert ♀ Netherlands ♀ Germany	<b>Resin coated technology</b> Heerlen ♀ Netherlands Charleston ♀ USA	<b>Solid Water soluble</b> ICL Haifa ♀ Israel ICL Belgium ♀ Belgium ICLSF Iberia ♀ Spain	<b>Wetting Agents (H2Flo)</b> Amega UK ♀ UK	<b>MAP</b> Rotem ♀ Israel	<b>NPK fertilizers</b> Amfert ♀ Netherlands ♀ Germany	<b>Phosphoric acid</b> Rotem ♀ Israel
<b>Potashplus</b> ICL UK ♀ Boulby, UK Iberpotash ♀ Spain (2020)	<b>Polymer / Sulphur coated technology (Poly-S)</b> Scotts Miracle Grow ♀ USA		<b>Bio stimulants</b> Marketing SF	<b>PeKacid</b> Rotem ♀ Israel	<b>PK fertilizers</b> Amfert ♀ Netherlands ♀ Germany	<b>TSP</b> Rotem ♀ Israel Amfert ♀ Netherlands ♀ Germany
<b>Novaphos</b> Amfert ♀ Netherlands ♀ Germany Rotem ♀ Israel				<b>HiPeaK</b> Rotem ♀ Israel		<b>SSP</b> Rotem ♀ Israel Amfert ♀ Netherlands ♀ Germany
<b>NPS</b> YPH ♀ China						

## ICL Europe activities

### At a glance:

- Active in every country in Europe
- 8 Production locations
- 13 Sale offices
- 61 Warehouses
- 24 Tolling operations
- 12 specialized agronomists



# HAISOL

WSF NPK



**HaiSol**



**Unique fertilizers of NitroFarm  
for Greek Producers**

**NitroFarm**

— since 1976 —



# CHARACTERISTICS

HaiSol

Low  
pH

Low <6  
Neutral  
High >8



Anti  
clogging  
action



Enhances  
nutrients  
uptake



## Fully Soluble Acidic Fertilizers



# FORMULAS



Formulation	Product Line	Total N	NH2	NO3	NH4	P2O5	K2O	pH	EC	Contains	Contains	Cl Free	Acidifying	MgO	CaO	Max. solubility 25°C
		%	%	%	%	%	%	1% solution	0.1% solution	MgO	TE			%	%	$\frac{g}{100\text{ gr H}_2\text{O}}$
Haisol 25-14-14	Haisol	25	20,8		4,3	14	14	3,2	0,98				V			60
Haisol 9-9-39	Haisol	9	5,9		3,2	9	39	3,01	1,75				V			40
Haisol 14-4-30	Haisol	14	8,5		5,5	4	30	3,13	1,56				V			40
Haisol 5-11-38+2MgO+TE	Haisol	5		4,2	0,8	11	38	2,85	1,13	V	V	V	V	2,1		40
Haisol 8-8-39+2MgO+TE	Haisol	8		7,4	0,6	8	39	2,79	1,19	V	V	V	V	2,1		40
Haisol 13-7-31+7CaO+TE	Haisol	13	1,9	11,1		7	31	3,47	1,37		V	V	V		7,1	50
Haisol 14-12-25+2MgO+TE	Haisol	14	4,8	5,4	3,9	12	25	2,9	1,06	V	V	V	V	2,2		50
Haisol 15-6-26+4MgO+TE	Haisol	15	6,1	6,7	2,2	6	26	3,06	1,23	V	V	V	V	4,1		50
Haisol 9-9-39+2MgO+TE	Haisol	9		9		9	39	2,97	1,3	V	V	V	V	2,1		40
Haisol 10-35-10+2MgO+TE	Haisol	10		1	9	35	10	3,35	1,34	V	V	V	V	2,1		60
Haisol 11-9-33+4MgO+TE	Haisol	11	0,8	9,3	0,9	9	33	2,73	1,28	V	V	V	V	4,1		60



# FORMULAS

The HaiSol logo is located in the top right corner of the page. It consists of the word "HaiSol" in a white, sans-serif font, set against a red, rounded rectangular background.

## 30-10-10 + TE

N	Ureic	Nitric	Amm	P205	K2O	MgO	CaO	SO3	Fe	B	Zn	Mn	Cu	Mo
30	30			10	10	2	-	4.2	0,05	0,012	0,022	0,012	0,01	0,002

pH (1%): 4,20

Sol (g/l): 400

## 20-20-20 + TE (Low Chlorine)

N	Ureic	Nitric	Amm	P205	K2O	MgO	CaO	SO3	Fe	B	Zn	Mn	Cu	Mo
20	15,5	2	2,5	20	20	2	-	4.2	0,044		0,011	0,022	0,003	0,003

pH (1%):3,65

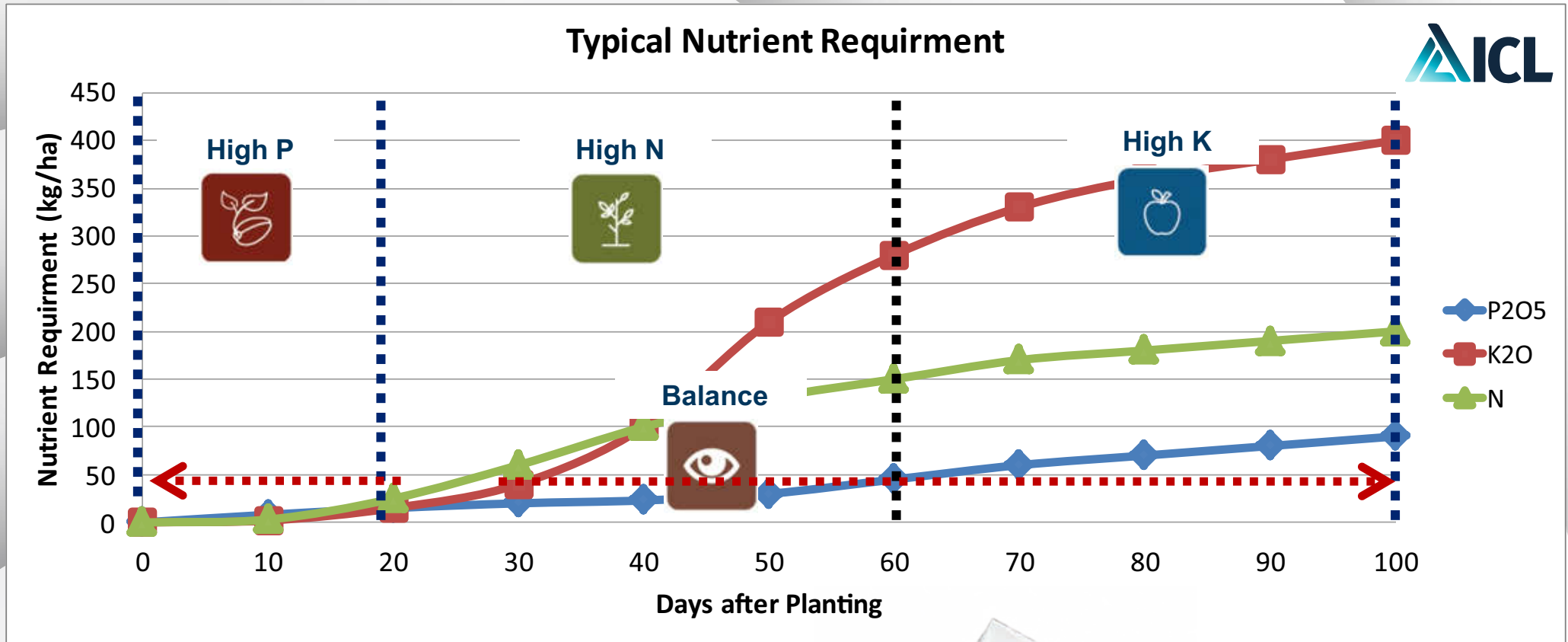
Sol (g/l): 530

## CHARACTERISTICS

- Most of the formulas Cl free (low chlorine content)
- Low pH suitable in hard water
- All the formulas with **TE chelated**
- High solubility



# Which formula to use?



**NitroFarm**

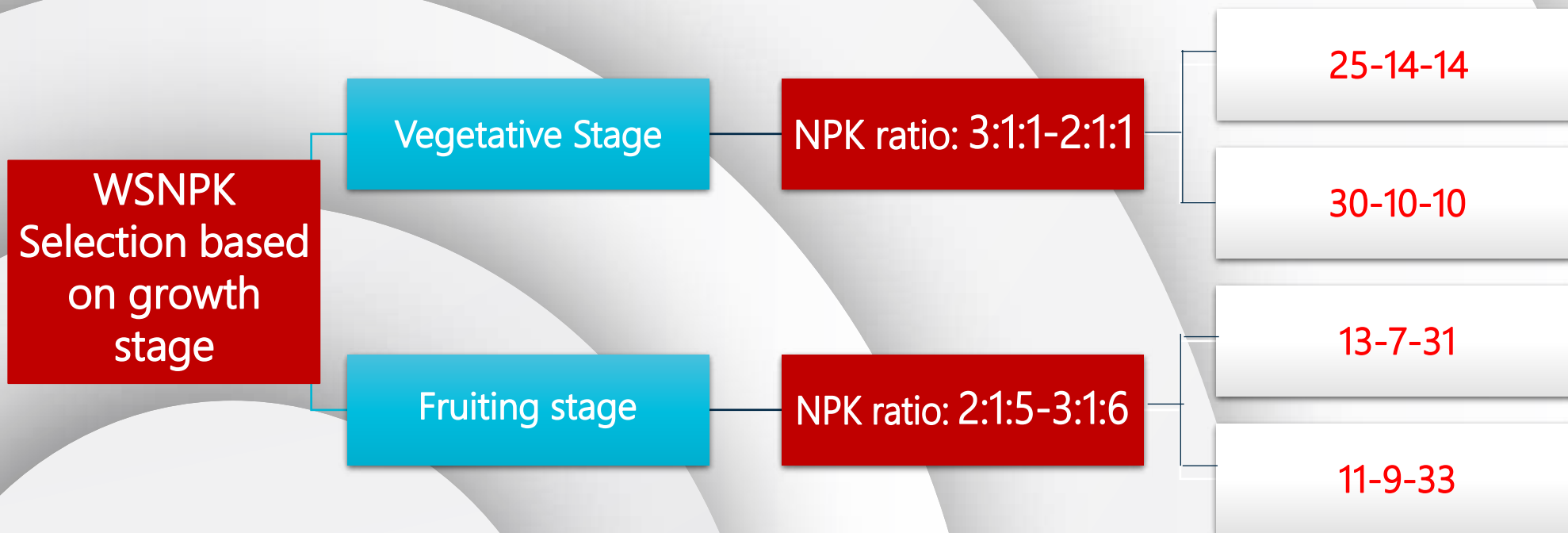
— since 1976 —



# CHARACTERISTICS

HaiSol

- Different formulas for any crop and any stage



After transplanting or seeding apply High P fertilizer (10-35-10 + 2 MgO+TE)

AND NOW THE FOLLOWING TYPES OF HAI SOL FERTILIZERS ARE AVAILABLE:







Foliar crystalline fully water soluble NPK fertilizers, special purpose. They contain nitrogen, phosphorus and potassium with nutrients that are a source of nutrition for plants. Water soluble in powder form.



# Haisol

## 1 20-20-20 + TE

Guaranteed composition: «EC FERTILIZER»  
 Total Nitrogen (N): 20%  
 Ammoniacal nitrogen (NH<sub>3</sub>): 2,5%  
 Nitrate nitrogen(NO<sub>3</sub>): 2%  
 Ureic Nitrogen (NH<sub>2</sub>): 15,5%  
 Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>): 20%  
 (100% water soluble)  
 Potassium oxide (K<sub>2</sub>O): 20%  
 (100% water soluble)

## 4 10-35-10 + 2MgO + TE

Guaranteed composition: «EC FERTILIZER»  
 Total Nitrogen (N): 10%  
 Ammoniacal nitrogen (NH<sub>3</sub>): 9%  
 Nitrate nitrogen(NO<sub>3</sub>): 1%  
 Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>): 35%  
 (100% water soluble)  
 Potassium oxide (K<sub>2</sub>O): 10%  
 (100% water soluble)  
 MgO (Magnesium oxide): 2,1

## 2 30-10-10 + TE

Guaranteed composition: «EC FERTILIZER»  
 Total Nitrogen (N): 30%  
 Ureic Nitrogen (NH<sub>2</sub>): 30%  
 Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>): 10%  
 (100% water soluble)  
 Potassium oxide (K<sub>2</sub>O): 10%  
 (100% water soluble)

## 5 9-9-39 + 2MgO + TE

Guaranteed composition: «EC FERTILIZER»  
 Total Nitrogen (N): 9%  
 Nitrate nitrogen(NO<sub>3</sub>): 9%  
 Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>): 9%  
 (100% water soluble)  
 Potassium oxide (K<sub>2</sub>O): 39%  
 (100% water soluble)  
 MgO (Magnesium oxide): 2,1

## 3 13-07-31 + 7CaO + TE

Guaranteed composition: «EC FERTILIZER»  
 Total Nitrogen (N): 13%  
 Nitrate nitrogen (NO<sub>3</sub>): 11,1%  
 Ureic Nitrogen (NH<sub>2</sub>): 1,9%  
 Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>): 7%  
 (100% water soluble)  
 Potassium oxide (K<sub>2</sub>O): 31%  
 (100% water soluble)  
 CaO (Calcium oxide): 7,1



# NitroFarm

— since 1976 —



With its guarantee of:



**THANK YOU FOR  
YOUR ATTENTION!!!**

**QUALITY & RESULT  
FOR THE GREEK FARMER !!!**



**NitroFarm**

— since 1976 —



Industrial Area of Sindos, SQ20,  
B35-55, 57022, Thessaloniki



Free-phone: 800 11 820 820  
+30 2310 553354-7



e-mail: [info@nitrofarm.gr](mailto:info@nitrofarm.gr)  
[www.nitrofarm.gr](http://www.nitrofarm.gr)