

PRODUCT CATALOGUE

www.arelchem.com

Λ RELCHE M°

SOLD TM

Suspension Concentrate Technology

Difference from Standard Fertilizers

- * Molecule micron diameter dimensions.
- * It is very easily taken up by the plant.
- * Low dose gives high effect.
- * It contains 8 times more molecules
- * per unit area.

Black SC (%18 d:1,15 pH:3-5)

Zinc SC (%40 d:1,71)

Mn-Zn SC (%14-%20 d:1.65)

Copper SC (%24 d:1,6)

Sulphur SC (%80 d:1,45)

Calcium SC (%27,5 d:1,95)

16-67-16 SC (d:1,6 pH:6)

9-54-54 SC (d:1,89 pH:4)

25-25-25 SC (d:1,51 pH:4,5)

17-11-55 SC (d:1,7 pH:3,5)



SOLDEX SC: Used in production

Thanks to suspended concentrate (SC) technology reduced to a molecule with a diameter of 10 microns.

from the stomata in the leaf (7-15 microns)

It can pass almost without wasting any energy. Through pores in the cell wall (20-80 microns)

passes without wasting energy.

Your plant gets the "ELEMENTS" it needs under all conditions.



EC FERTILIZER

NUTRICHEM

Water Soluble Fertilizer



Explore What?

- > The specially selected different formulations as may be used in plant
- > A different, 100% special activated microelements
- > Activation agents to create a difference in plant
- > A high efficiency **difference** through less usage
- > Different organic compounds ensuring plant development

Formülasyonlar:

- > 10.52.10+TE
- > 10.40.10+TE
- > 18.18.18+TE
- > 16.8.24+TE
- > 15.5.30+TE
- > 20.10.20+TE
- > 17.7.21+TE





SOLID ORGANOMINERAL FERTILIZER WITH NP

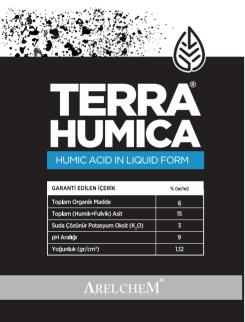


Connects your plant to earth with strong roots.

ROOT DEVELOPMENT REGULATORS

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	30
Total Nitrogen (N)	6
Organic Nitrogen (N)	1
Ammonium Nitrogen (N-NH ₄)	5
Total Phosphorus Pentoxide (P ₂ O ₅)	30
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	30
EDTA Chelated Zinc (Zn - EDTA)	2
pH Range	2 - 4





More powerful, stronger crops.

HUMIC ACID IN LIQUID

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	6
Total (Humic+Fulvic) Acid	15
Water Soluble Potassium Oxide (K ₂ O)	3
pH Range	9
Density (gr/cm³)	1,12







Source of biological simulator for root zone.

ROOT DEVELOPMENT REGULATORS

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	20
Total Nitrogen (N)	4
Ammonium Nitrogen (N-NH ₄)	1,5
Urea Nitrogen (N-NH ₂)	2,5
Total Phosphorus Pentoxide (P ₂ O ₅)	7
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	7
Free Amino Acids	3
pH Range	4-6
Density (gr/cm³)	1,2



ROOT DEVELOPMENT REGULATORS



1 1 t 1 5 t 1 10 t 1 20 t

ARELCHEM

RADI SOFT



Ensures fast-paced and regular rooting of plant.

ROOT DEVELOPMENT REGULATORS

GUARANTEED CONTETS	(w/w) %
Total Organic Matter	35
Organic Carbon	15
Total Nitrogen (N)	2
Water Soluble Potassium Oxide (K ₂ O)	3
pH Range	5 - 7
Desity (gr/cm³)	1,2



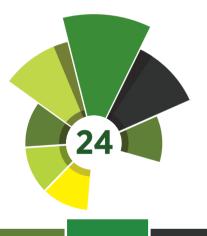


10lt 20lt



ARELCHEM[®]





Ensures continuity and good health for vegatables.

PLANT ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINA ACID

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	35
Organic Carbon	15
Organic Nitrogen (N)	3
Water Soluble Potassium Oxide (K ₂ O)	1
Free Amino Acids	18
pH Range	3,5 – 5,5
Density (gr/cm³)	1,2



PLANT ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINA ACID



1 1 th 1 5 th 1 10 th 1 20 th





MAXI



Ensures the fruit development.

PLANT ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINA ACID

(w/w)%
30
15
3
3
8
3-5
1,2



PLANT ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINA ACID



1 1 t = 5 t = 10 tt = 20 tt

ARELCHEM

ROUANING Plant Origin Liquid Organic Fertilizer Containing Amino Acid



Adds extra value to your field.

PLANT ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINA ACID

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	30
Organic Carbon	10
Organic Nitrogen (N)	3
Water Soluble Potassium Oxide (K ₂ O)	3
Free Amino Acids	4
pH Range	3,5 – 5,5
Density (gr/cm³)	1,2





Paves the way for maximum efficency.

ANIMAL ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACID

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	60
Organic Carbon	30
Organic Nitrogen (N)	9
Free Amino Acids	12
pH Range	6 - 6,5
Density (gr/cm³)	1,2
Density (gr/cm³)	1,2



ANIMAL ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACID



1 1 t 1 5 t 1 10 tt 1 20 tt



ARELCHEM



It provides fruit with a higher nutritional value.

ANIMAL ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACID

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	50
Organic Carbon	24
Organic Nitrogen (N)	8
Free Amino Acids	8
pH Range	6.0 - 6.5
Density (gr/cm³)	1,20



ANIMAL ORIGIN LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACID



11 t 5t 10t 20t

ARELCHEM®





Establishes an apron while nourishing.

PLANT SELF-DEFENCE ENHANCERS

GUARANTEED CONTENTS	(w/w)%
Water Soluble Copper (Cu)	3
pH Range	4-5
Density (gr/cm³)	1,26







Enlarges safely and healthfully

PLANT SELF-DEFENCE ENHANCERS

GUARANTEED CONTENTS	(w/w)%
Water Soluble Potassium Oxide (K ₂ O)	12
Water Soluble (SiO ₂)	25
pH Range	10 – 11
Density (gr/cm³)	1,3



PLANT SELF-DEFENCE ENHANCERS



1 lt = 5 lt



Potassium Fertilizer





The purest and the most realiable state of copper.

COPPER BASED FERTILIZER SOLUTION

GUARANTEED CONTENTS	(w/w) %
Water Soluble Copper (Cu)	10
pH Range	4-6
Density (gr/cm³)	1,2



1 lt **5** lt

Arelchem®

BLOOMINLiquid Organomineral Fertilizer with NP



A leader of quality flower and fruit setting.

POLLINATION AND FRUIT SET

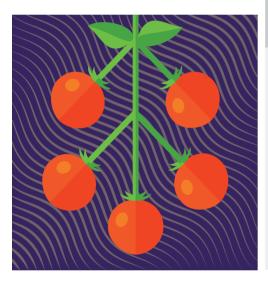
GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	25
Total Nitrogen (N)	5
Urea Nitrogen (N-NH₂)	3
Total Phosphorus Pentoxide (P ₂ O ₅)	15
Water Soluble Boron (B)	0,05
Water Soluble Copper (Cu)	0,01
Total Iron (Fe)	0,07
Water Soluble Manganese (Mn)	0,05
Water Soluble Molybdenum (Mo)	0,01
Water Soluble Zinc (Zn)	2
pH Range	2-3
Density (gr/cm3)	1,2





1 lt = 5 lt

ACTIPLUS MIXTURE OF MICRO PLANT NUTRIENTS



Affects all generative reactions in the plant.

MIXTURE OF MICRO PLANT NUTRIENTS

GUARANTEED CONTENTS	(w/w) %
Water Soluble Boron (B)	4
Water Soluble Molybdenum (Mo)	10
Water Soluble Zinc (Zn)	5
pH Range	6-7



MIXTURE OF MICRO PLANT NUTRIENTS



1 250 gr

Λ RELCHE $ext{M}^*$





Economik Solution

MIXTURE OF MICRO PLANT NUTRIENTS

GUARANTEED CONTENTS	(w/w) %
Water Soluble Boron (B)	0,5
Water Soluble Molybdenum (Mo)	0,02
Water Soluble Zinc (Zn)	4
pH Range	6-7





■10lt **■**20lt



EC FERTILIZER

MAXIBOR®

BORON ETANOL AMÍN



Eliminates structural disorders in plants.

BORON ETHANOLAMINE

GUARANTEED CONTENTS	(w/w) %
Water Soluble Boron (B)	10
pH Range	8 - 8,5
Density (gr/cm³)	1,3











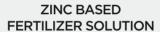
EC FERTILIZER

ZINCO PLUS

ZINC BASED FERTILIZER SOLUTION



Ensures an efficient transition of zinc into plant.



GUARANTEED CONTENTS	(w/w) %
Water Soluble Copper (Zn)	10
pH Range	4-6
Density (gr/cm³)	1,2







ARELCHEM®

EC FERTILIZER

MICRO CHEM

MIXTURE OF MICRO PLANT NUTRIENTS



Trace element safely and efficiently ingested.

SINGLE AND MULTIPLE DEFICIENCY CORRECTORS

GUARANTEED CONTENTS	(w/w) %
Water Soluble Iron (Fe)	7
Water Soluble Zinc (Zn)	7
Water Soluble Manganese (Mn)	5
Water Soluble Boron (B)	1
Water Soluble Copper (Cu)	1
Water Soluble Molybdenum (Mo)	0,01
pH Range	3 - 3,5





EC FERTILIZER

MIXTURE OF MICRO PLANT NUTRIENTS



Economic solution.

SINGLE AND MULTIPLE DEFICIENCY CORRECTORS

GUARANTEED CONTENTS	(w/w) %
Water Soluble Boron (B)	0,5
Water Soluble Copper (Cu)	0,5
Water Soluble Iron (Fe)	6
Water Soluble Manganese (Mn)	3
Water Soluble Molybdenum (Mo)	0,01
Water Soluble Zinc (Zn)	6
pH Range	4 - 4,5





■ 5 kg ■ 10 kg





Special calcium carrier.

ORGANOMIERAL FERTILIZER CONTAINING AMINO ACID & CALCIUM

GUARANTEED CONTENTS	(w/w) %
Total Organic Matter	10
Total Nitrogen (N)	10
Organic Nitrogen (N)	0,5
Ammonium Nitrogen (N-NH₄)	1
Nitrate Nitrogen (N-NO ₃)	8,5
Water Soluble Calcium Oxide (CaO)	16
Water Soluble Boron (B)	0,15
Free Amino Acids	3,5
pH Range	3-5
Density (gr/cm³)	1,4



ORGANOMIERAL FERTILIZER
CONTAINING AMINO ACID & CALCIUM



1 1 t 15 t 10 t 20 t

ARELCHEM®





For high quality and strong product.

CALCIUM SOLUTION

Water Soluble Calcium Oxide (CaO)	12
Water Soluble Boron (B)	0,17
pH Range	5-6
Density (gr/cm³)	1,3
	•



CALCIUM SOLUTION



1 1 t 15 t 10 t 20 t

ASCOMIN

LIQUID SEAWEED

Encourages the strong and healthy growth of plants.

LIQUID SEAWEED

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	10
Water Soluble Potassium Oxide (K₂O)	5
Alginic Acid	1
pH Range	6 - 6,5







For healthy crop nutrition.

SINGLE AND MULTIPLE DEFICIENCY CORRECTORS

GUARANTEED CONTENTS	(w/w) %
Water Soluble Iron (Fe)	6
EDDHA Chelated Iron (Fe)	6
pH Range of Stable	3-9
EDDHA Chelate	



ARELCHEM®

ARELCHEM® EC FERTILIZER NITRO CHEM



Soil acidifier.

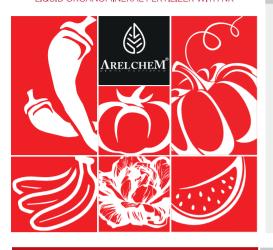
SOIL ACIDIFIER

GUARANTEED CONTENTS	(w/w) %
Total Nitrogen (N)	21
Ammonium Nitrogen (NH ₄ -N)	2
Urea Nitrogen (NH ₂ -N)	19
Water Soluble Sulfur Trioxide (SO₃)	21
pH Range	1 – 1,5
Density (gr/cm³)	1,3
Density (gr/cm³)	1,3



5-0-30

POLIK-30®



Ensures rapid and regular plant growth with (K).

FRUIT ENLARGEMENT IMPROVER

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	10
Total Nitrogen (N)	5
Urea Nitrogen (NH₂-N)	5
Water Soluble Potassium Oxide (K₂O)	30
Free Amino Acids	3
Density (gr/cm³)	1,40



ARELCHEM[®]

FOX-K 5.0.20



Never stop keep going for fruit.

FRUIT ENLARGEMENT IMPROVER

GUARANTEED CONTENTS	(w/w)%
Total Organic Matter	15
Total Nitrogen (N)	5
Urea Nitrogen (NH ₂ -N)	5
Water Soluble Potassium Oxide (K ₂ O)	20
Free Amino Acids	3
Density (gr/cm³)	1,20



ULTRA DESAL



Actively used for desalination.

ACTIVE DESALINATOR CATION HOLDER AND ION EXCHANGER

GUARANTEED CONTENTS	(w/w) %
Water Soluble Calcium (CaO)	7,28
Organic Matter	10
Complexing Agents	Lignosulfonicacids Polycarboxylic acids (mono and poly groups)
pH Range	1,5 - 2
Density (gr/cm³)	1,25
pH working Range Where The Product is Stable	1-9



ARELCHEM[®]





Promoter of fertile flowering.

NP FERTILIZER SOLUTION 3-18-0+3ZN

GUARANTEED CONTENTS	(w/w) %
Total Nitrogen (N)	3
Urea Nitrogen (N-NH ₂)	3
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	18
Water Soluble Zinc (Zn)	3
pH Range	2-3
Density (gr/cm3)	1,25





ARELCHEM

ENJOY SEVEN



Never stop keep going for fruit.

GUARANTEED CONTENTS	(w/w) %
Total Nitrogen (N)	7
Ammonium Nitrogen (N-NH ₄)	3,5
Nitrate Nitrogen (N-NO ₃)	3,5
Total Phosphorus Pentoxide (P ₂ O ₅)	7
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	7
Water Soluble Potassium Oxide (K₂O)	7
pH Range	2 - 3
Density (gr/cm³)	1,2



NPK FERTILIZER SOLUTION



■10 lt **■** 20 lt

ARELCHEM®





Minimum nitrogen loss.

SINGLE AND MULTIPLE DEFICIENCY CORRECTORS

GUARANTEED CONTENTS	(w/w) %
Total Nitrogen (N)	32
Nitrate Nitrogen (N-NO₃)	8
Ammonium Nitrogen (N-NH ₄)	8
Urea Nitrogen (N-NH ₂)	16
pH Range	6,5 - 7
Density (gr/cm³)	1,15





1 t = 5 t = 10 t = 20 t



Pure nitric acid for soil applications.

SOIL AND WATER REGULATORS

GUARANTEED CONTENTS	(w/w) %
Nitrate Nitrogen (N-NO ₃)	12
HNO₃ (Technical Grade)	56
pH Range	1 - 1,5





20lt

^RELCHEM®

SOFT NİT



Pure nitric acid for soil applications.

SOIL AND WATER REGULATORS

GUARANTEED CONTENTS	(w/w) %
Nitrate Nitrogen (N-NO ₃)	12
HNO ₃ (Technical Grade)	56
pH Range	1 - 1,5





20lt

ARELCHEM[®]



Free from additives and transparent.

SOIL AND WATER REGULATORS

GUARANTEED CONTENTS	(w/w) %
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	54
pH Range	1-2





■10 lt **■20** lt

PLANT NUTRITION IS THE BASIS FOR GOOD PLANT HEALTH



WATER SOLUBLE NPK



HUMIC & FULVIC ACID AND ORGANIC MATTER



FRUIT ENLARGEMENT IMPROVER



PLANT SELF-DEFENCE ENHANCERS



PHOTOSYNTHESIS AND PLANT GROWTH REGULATORS



SINGLE AND MULTIPLE DEFICIENCY CORRECTORS



POLLINATION AND FRUIT SET



ORGANIC AND ORGANOMINERAL FERTILIZERS



ROOT DEVELOPMENT REGULATORS



AMINO ACID SOLUTIONS



SOIL AND WATER REGULATORS





AREL CHEM TARIMSAL ÜRÜNLER İMALAT PAZ. İHR. VE İTH. LTD. ŞTİ.

AŞAĞIOBA MAHALLESİ TOPTANCILAR BİRLİĞİ 102/13 DÖŞEMEALTI/ANTALYA Tel: +90 242 247 47 37

info@arelchem.com / www.arelchem.com

