



# KELON

IRON CHELATES 2019

Fe

Fe

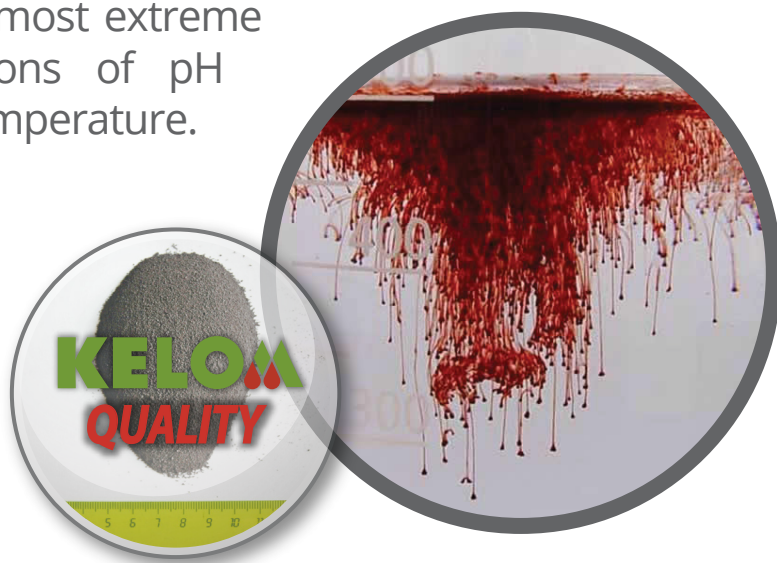
Fe

Fe

Fe

Fe

The KELOM Iron Chelates offers the best solution to iron chlorosis, being manufactured with chelating agents have proven more stable and allow the iron be available for plants even in the most extreme conditions of pH and temperature.



## 5 keys to achieve best results

# KELOM

## Characteristics

Excellent water solubility

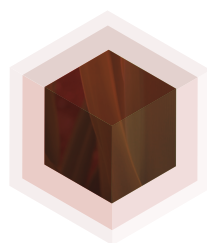
Stability in wide pH range (3-11)

Optimal balance between shock/persistence effect over time

Presented in soluble dispersible microgranule

For all crops

## 6 Products for different needs

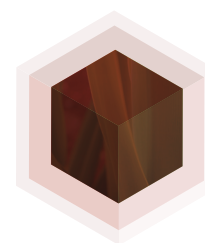


**KELOM**

**K1**

Fe EDDHA

Iron Chelated ortho-ortho 4,8 %w/w  
Iron Total (Fe) 6+0,4 %w/w

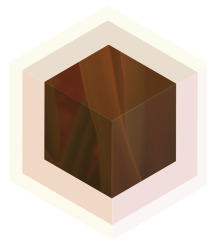


**KELOM**

**K2**

Fe EDDHA

Iron Chelated ortho-ortho 4,2 %w/w  
Iron Total (Fe) 6+0,4 %w/w

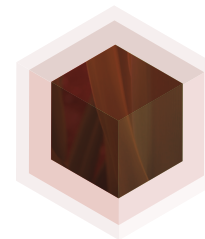


**KELOM**

**K3**

Fe EDDHSA

Iron Chelated ortho-ortho 4,0 %w/w  
Iron Total (Fe) 6+0,4 %w/w

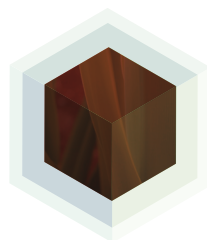


**KELOM**

**K6**

Fe EDDHA

Iron Chelated ortho-ortho 4,8 %w/w  
Iron Total (Fe) 6+0,4 %w/w

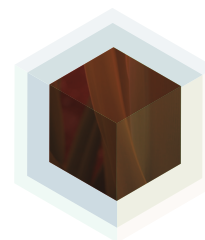


**KELOM**

**K6 Energy**

Fe EDDHA + Aa

Iron Chelated ortho-ortho 3,2 %w/w  
Iron Total (Fe) 6+0,4 %w/w  
Total Amino acids 12,0 %w/w



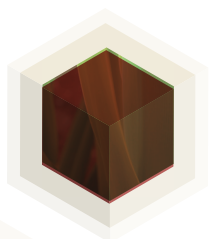
**KELOM**

**Activ**

Fe EDDHA

Iron Chelated ortho-ortho 2,0 %w/w  
Iron Chelated ortho-para 1,0 %w/w  
Iron Total (Fe) 6+0,4 %w/w





## KELOM K1 EDDHA 4,8%

### Description

Molecular formula	$C_{18}H_{16}N_2O_6FeNa$
Chemical name	Ethylendiamine-N,N' Bis(o-hydroxyphenylacetic acid), ferric-sodium complex
Appearance	Reddish brown micro granulated
EC Fertilizer	E.1.4.4. (b) (annex 1 of Regulation (CE) 162/2007
CAS Reg. N°	84539-55-9

### Chemical composition

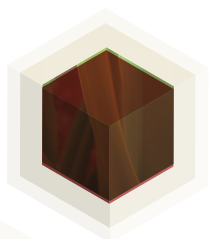
Iron (Fe), EDDHA chelated	6,0% w/w
Iron (Fe), orto-orto EDDHA chelated	min 4,8% w/w
K <sub>2</sub> O content	Absent
N content	5,5% approx

### Physical properties

Density	0,45 - 0,65 g/cm <sup>3</sup>
pH	7,0 - 9,0 (1% solution)
Solubility	120 g/L
Bulk density	Approx. 650Kg/m <sup>3</sup>







## KELOM K2 EDDHA 4,2%

### Description

Molecular formula	$C_{18}H_{16}N_2O_6FeNa$
Chemical name	Ethylendiamine-N,N' Bis(o-hydroxyphenylacetic acid), ferric-sodium complex
Appearance	Reddish brown micro granulated
EC Fertilizer	E.1.4.4. (b) (annex 1 of Regulation (CE) 162/2007)
CAS Reg. N°	84539-55-9

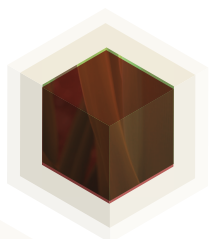
### Chemical composition

Iron (Fe), EDDHA chelated	6,0% w/w
Iron (Fe), orto-orto EDDHA chelated	min 4,2% w/w
K <sub>2</sub> O content	Absent
N content	5,5% approx

### Physical properties

Density	0,45 - 0,65 g/cm <sup>3</sup>
pH	7,0 - 9,0 (1% solution)
Solubility	120 g/L
Bulk density	Approx. 650Kg/m <sup>3</sup>





## KELOM K3 EDDHSA 4,0%

### Description

Molecular formula	$C_{18}H_{16}FeNaS_2O_{12}$
Chemical name	Ethylenediamine di(5-sulfo-2hydroxyphenylacetic acid), ferric salt
Appearance	Reddish brown micro granulated
EC Fertilizer	E.1.4.4. (b) (annex 1 of Regulation (CE) 162/2007)
CAS Reg. N°	84539-54-8

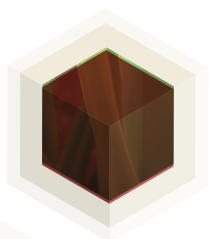
### Chemical composition

Iron (Fe), EDDHA chelated	6,0% w/w
Iron (Fe), orto-orto EDDHSA chelated	min 3,9% w/w
K <sub>2</sub> O content	Absent
N content	5,5% approx

### Physical properties

Density	0,45 - 0,65 g/cm <sup>3</sup>
pH	7,0 (1% solution)
Solubility	120 g/L
Bulk density	Approx. 0,75 g/ml





## KELOM K6 EDDHA 3,2%

### Description

Molecular formula	$C_{18}H_{16}N_2O_6FeNa$
Chemical name	Ethylenediamine-N,N' Bis(o-hydroxyphenylacetic acid), ferric-sodium complex
Appearance	Reddish brown micro granulated
EC Fertilizer	E.1.4.4. (b) (annex 1 of Regulation (CE) 162/2007
CAS Reg. N°	84539-55-9

### Chemical composition

Iron (Fe), EDDHA chelated	6,0% w/w
Iron (Fe), orto-orto EDDHA chelated	min 3,2% w/w
K <sub>2</sub> O content	Absent
N content	5,5% approx

### Physical properties

Density	0,45 - 0,65 g/cm <sup>3</sup>
pH	7,0 - 9,0 (1% solution)
Solubility	120 g/L
Bulk density	Approx. 650Kg/m <sup>3</sup>





## KELOM K6 ENERGY EDDHA 3,2%

### Description

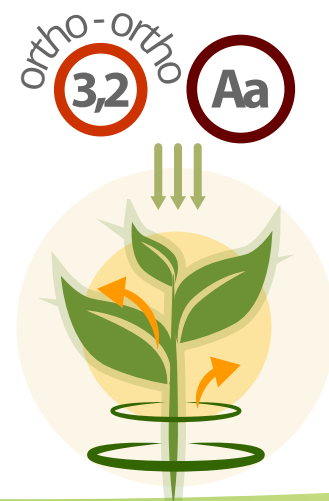
Molecular formula	$C_{18}H_{16}N_2O_6FeNa$
Chemical name	Ethylenediamine-N,N' Bis(o-hydroxyphenylacetic acid), ferric-sodium complex
Appearance	Reddish brown micro granulated
EC Fertilizer	E.1.4.4. (b) (annex 1 of Regulation (CE) 162/2007
CAS Reg. N°	84539-55-9

### Chemical composition

Iron (Fe), EDDHA chelated	6,0% w/w
Iron (Fe), orto-orto EDDHA chelated	min 3,2% w/w
K <sub>2</sub> O content	Absent
N content	1,8% approx
Total Aminoacids	12,0%
Free Aminoacids	2,3%

### Physical properties

Density	0,45 - 0,65 g/cm <sup>3</sup>
pH	7,0 - 9,0 (1% solution)
Solubility	120 g/L
Bulk density	Approx. 660Kg/m <sup>3</sup>





## KELOM ACTIV EDDHA

### Description

Molecular formula	$C_{18}H_{16}N_2O_6FeNa$
Chemical name	Ethylenediamine-N,N' Bis(o-hydroxyphenylacetic acid), ferric-sodium complex
Appearance	Reddish brown micro granulated
EC Fertilizer	E.1.4.4. (b) (annex 1 of Regulation (CE) 162/2007
CAS Reg. N°	84539-55-9

### Chemical composition

Iron (Fe), EDDHA chelated	6,0% w/w
Iron (Fe), orto-orto EDDHA chelated	min 2,0% w/w
Iron (Fe), orto-para EDDHA chelated	min 1,0% w/w
K <sub>2</sub> O content	Absent
N content	1,8% approx

### Physical properties

Density	0,65 - 0,75 g/cm <sup>3</sup>
pH	7,5 - 9,5 (1% solution)
Solubility	300 g/L
Bulk density	Approx. 660Kg/m <sup>3</sup>



Shock



Persistence



