



# Trace Elements Range



# Amco Combi

**Amco Combi** is a micronutrients mix for correcting and curing multiple deficiencies.

Formulated as soluble powder containing EDTA chelated micronutrients

Highly absorbed by plants

**Amco Combi** will prevent deficiencies if applied regularly.



## Analysis & Physical Properties

### **Formulation: %**

Fe	5.0
MgO	4.5
Cu	2.5
Mn	2.5
Zn	1.5
B	0.5
Mo	0.05
pH (1\100)	3.0-4.0
EC mS (1\1000)	1.2
Sol. g/Lit at 20°C	200



## Crops & Rate of Use

Crop	Application Rate		Application Time
	Fertigation	Foliar	
Vegetables			
Green houses	0.5 Kg/1000 m <sup>2</sup>	0.5-1 Kg/ha	Throughout the growing cycle
Open field	1-3 Kg/ha		
Field crops & Forages		0.5-1 Kg/ha	Throughout the growing cycle
Fruit trees	20-50 gm/tree	0.75 - 1.25 Kg/ha	Throughout the growing cycle



# Combi liquid

**Combi liquid** is a mixture of liquid chelate trace elements especially for the treatment of combined deficiencies and the nutritious balance of the plants.

**Combi liquid** contains the seven essential trace elements which important on plant development functions.

**Combi liquid** perfect absorption through the leaves thanks to multiple chelating gents of carboxylic acids and amino acids, this property gives Combi liquid advantage of foliar use in case of soil elements fixation.



## Analysis & Physical Properties

### Formulation w/v:%

Fe	2
MgO	1
Cu	0.5
Mn	2
Zn	2
B	0.3
Mo	0.05
pH (1/100)	3.0-4.0
EC mS (1/1000)	0.27
Sol. g/Lit at 20°C	100%
Density (Kg/Lit)	1.27



## Crops & Rate of Use

Crop	Application Rate		Application Time
	Fertigation	Foliar	
Fruit trees, Citrus, Grape, Olive, Pears, Stone fruits	3 – 6 Lit/ha	2 – 4 Lit/ha	Throughout the growing cycle
Vegetable crops on Greenhouses	3 – 6 Lit/ha	2 – 4 Lit/ha	
Vegetable crops on open fields	3 – 6 Lit/ha	2 – 4 Lit/ha	
Nurseries	2 Lit/ha	1 – 2 Lit/ha	Throughout the growing cycle
Flowers and Ornamentals	2 – 4 Lit/ha	1 – 3 Lit/ha	Throughout the growing cycle

The application rates above are guidelines and rely on deficiency situation on plant, we recommend to use minimum dosage for slight deficiency, and maximum dosage for severe deficiency.

### Amco Fe 9% Liquid

Amco Fe liquid is a soluble fertilizer applied to correct and prevent Fe deficiency. Complexed with organic matters to increase efficiency. Increases the productivity if applied regularly. It can be applied by fertigation due to its acidic pH.

### Amco Cu 13%

Amco Cu EDTA chelated in water soluble powder form.

Applied to correct copper deficiencies and recommended for soil & foliar application

Copper plays a role in seed production and formation, chlorophyll formation and is essential for proper enzyme activity. It can be used also to protect & control several fungal diseases.



### Amco Manganese 13%

Manganese functions primarily as part of plant enzymes system, it is necessary in photosynthesis, nitrogen metabolism and to form other compounds required for plant metabolism.

Amco Manganese chelate (Mn EDTA) is in water soluble powder form.

Recommended for soil & foliar application for correction of manganese deficiency



### Amco Zn 13%

Zinc is an essential component of various enzyme systems for energy production, protein synthesis, and growth regulation. It takes part in the formation of tryptophan which is a precursor of auxin IAA.

Amco Zn chelate (Zn EDTA) is in water soluble powder form.

Recommended for soil & foliar application for correction of zinc deficiency.



### Isotrene Fe 6% EDDHA

Iron Chelate (Fe EDDHA) .  
Contains 6% Fe (available in  
3.2 % or 4.8% Ortho-Ortho)

Recommended for soil  
application for the correcting  
iron deficiency

### Amco Fe 13 %

Amco Fe prevents and  
cures chlorosis resulting from  
iron deficiency.

Iron chelate (Fe EDTA) in  
soluble powder form.

Amco Fe can be used as foliar  
application however, recom-  
mended for soil application.



#### Analysis & Physical Properties

Formulation: %	Fe	Zn	Mn	Cu	pH (1\100)	EC mS (1\1000)	Sol. g/Lit at 20°C
Amco Fe 13 EDTA	13.0	0	0	0	2.5-3.5	1.2	100
Isotrene 6 EDDHA	6.0	0	0	0	8.0-9.0	0.4	200
Amco Fe 9 Organic N 1.5, Organic Matter 10	9.0 (w/v)	0	0	0	3.5-4.5	0.4	100%
Amco Cu 13 EDTA	0	0	0	13.0	2.5-3.5	1.0	200
Amco Zn 13 EDTA	0	13.0	0	0	2.5-3.5	1.25	100
Amco Mn 13 EDTA	0	0	13.0	0	2.5-3.5	1.12	200

#### Crops & Rate of Use

Product	Fertigation	Foliar
Isotrene	10-15 Kg/ha	-----
Amco Fe 13%	5-10 Kg/ha	1-2 Kg/ha
Amco Fe 9%	2.5-3 Lit/ha	0.5-1 Lit/ha
Amco Zn 13%	5-10 Kg/ha	1-2 Kg/ha
Amco Mn 13%	5-10 Kg/ha	1-2 Kg/ha
Amco Cu 13%	1-2 Kg/ha	0.5-1 Kg/ha

