

Amco Green Suspension

MCFP produces highly-concentrated liquid foliar fertilizers, named suspension fertilizers. These suspension fertilizers are distinguished by having high nutrient concentrations with 100% water-solubility

The advantage of using suspension fertilizers is that these formulations achieve nutrients concentration in the solution close to solid fertilizers and much higher than normal solution fertilizers

Can be used for fertigation as well as foliar applications.

All formulations are enriched with micro elements that are necessary for plant growth stages; therefore, it will prevent and correct any deficiencies.

All these formulations are chloride free.

Available packing: 5Kg, 10 Kg, 15Kg & 20 Kg pails



Amco Green

Balanced and semi balanced NPK Formulas

Formula with high analysis of Nitrogen, Phosphate and Potassium which should be available for plant during the early vegetative stages. Any deficiencies of these macro elements will negatively affect the root development, vigor and yield. The difference between the first and second formula is the presence of magnesium which is vital for chlorophyll and protein synthesis.

Its also advisable for crops with gradual ripening which require high levels of NPK at the same time in order to develop new flowers, improve ripening and maintain vegetative development



Analysis & Physical Properties

Formulation (W/V): %	Nitrogen details			Total N	P ₂ O ₅	K ₂ O	MgO	pH (1/100)	EC mS (1/1000)	Sol. g/L at 20°C	Density (Kg/ Lit)
	Nitric	Amm.	Uric								
24-24-18+1.5MgO+TE	0	3.3	20.7	24.0	24.0	18.0	1.5	2.0-3.0	1.2	300	1.58
15-15-15+TE	0.0	15.0	0.0	15.0	15.0	15.0	0	3.0-4.0	1.2	200	1.58

Trace Elements content: Fe 100ppm, Cu 100ppm, Zn 100ppm, B 100ppm, Mn 100ppm, Mo 50ppm.

Crops & Rate of Use

Crop	Application Rate		Time of Application
	Fertigation	Foliar g/100 Lit water	
Vegetables			
Green houses	2-4 Kg/500 m ²	150-300	During mid-stages, after flowering & setting
Open field	2-4 Kg/1000 m ²		
Field crops	12-15 Kg/ha		Tillering & stem extension stages
Forages	12-15 Kg/ha		During Vegetative growth stages & after each cut
Fruit trees	50-150 g/tree	150-300	During Vegetative growth stages
Ornamentals	15-20 Kg/ha	150-300	Weekly
Nurseries	50-100 g/100 Lit (drenching)		Weekly



formula with high phosphorus which is important for plants during early stages to build stronger roots system as well as vegetative development

The available form of Phosphorus in these formals will ensure best performance and results on the crop.



suspension

Analysis & Physical Properties

Formulation (W/V): %	Nitrogen details			Total N	P ₂ O ₅	K ₂ O	pH (1/100)	EC mS (1\1000)	Sol. g/L at 20°C	Density (Kg/Lit)
	Nitric	Amm.	Uric							
12-61-0+TE	0	5.5	6.5	12.0	61.0	0.0	2.0-3.0	1.6	350	1.56
0-52-34+TE	0	0	0	0.0	52.0	34.0	2.0-3.0	1.5	350	1.78
10-50-10+TE	0	8.25	1.75	10.0	50.0	10.0	2.0-3.0	0.8	300	1.50

Trace Elements content: MgO 100ppm, Fe 100ppm, Cu 100ppm, Zn 100ppm, B 100ppm, Mn 100ppm, Mo 50ppm.

Crops & Rate of Use

Crop	Application Rate		Time of Application
	Fertigation	Foliar g/100 Lit water	
Vegetables			
Green houses	2-4 Kg/500 m ²	150-300	During root development and flowering stage
Open field	2-4 Kg/1000 m ²		
Field crops		12-15 Kg/ha	At 1 st month
Forages		12-15 Kg/ha	At 1 st month
Fruit trees	50-150 g/tree	150-300	At flowering stage
Ornamentals	15-20 Kg/ha	150-300	Upon need
Nurseries	50-100 g/100 Lit (drenching)		After true leaves appearance



Potassium is a macro element required in large amounts for normal plant growth and development as it's essentially involved in metabolism and plant water relations. Potassium also has important function in controlling stomatal movements. Potassium plays an important role in photosynthesis and is also involved in transport of sugars from the leaf.

These formulas of Amco Green containing high Potassium analysis designed to improve production quality by favoring the formation of sugars, intensifying color and storage conditions of fruits.



Analysis & Physical Properties

Formulation (W/V): %	Nitrogen details			Total N	P ₂ O ₅	K ₂ O	pH (1/100)	EC mS (1\1000)	Sol. g/L at 20°C	Density (Kg/Lit)
	Nitric	Amm.	Uric							
5-0-60 + TE	5.0	0	0	5.0	0	60.0	2.5-3.5	1.1	100	1.75
10-10-40 + TE	3.0	0	7.0	10.0	10.0	40.0	1.5-2.5	1.2	200	1.70
0-0-45 + TE	0	0	0	0	0	45.0	2.5-3.5	1.00	200	1.58

Trace Elements content: MgO 100ppm, Fe 100ppm, Cu 100ppm, Zn 100ppm, B 100ppm, Mn 100ppm, Mo 50ppm.

Crops & Rate of Use

Crop	Application Rate		Time of Application
	Fertigation	Foliar g/100 Lit water	
Vegetables			
Green houses	2-4 Kg/500 m ²	150-300	During fruit development stage
Open field	2-4 Kg/1000 m ²		
Field crops	12-15 Kg/ha		During heading stage
Forages	12-15 Kg/ha		After each cut
Fruit trees	50-150 g/tree	150-300	During fruit development stage
Ornamentals	15-20 Kg/ha	150-300	Upon need

