Choose your favorite colour from

AMCOLÓN

Water Soluble Powder Fertilizers

MCFP *produces high quality water soluble powder NPK made with pure crystals and micronutrients, under Amcolon brand.*

AMCOLON *is a fast dissolving & fully water soluble NPK powder fertilizer that can be used in all types of irrigation systems and foliar application.*

AMCOLON *provides a complete range of formulas, suitable for a wide range of applications.*

AMCOLON *formulas are based on low-biuret Urea and contains essential middle & micronutrients for proper plant growth and for preventing any deficiency; including SO3, MgO, Fe, Zn, B, Mn, Cu & Mo.*

AMCOLON *has a very low content of Chloride & Sodium, it Also has low EC values*

The ***AMCOLON*** *range is normally compatible with most fertilizers and pesticides. However, we always recommend making a compatibility test before application.*

Available packing: 1Kg, 10 Kg & 25 Kg bags

**** The company can produce other formulations than list below depending on customer's request***

AMCOLÓN

Balanced NPK Formulas

General purpose formulas suitable for all crops with balanced ratio of NPK applied during different plant growth stages

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

All formulas contain Micronutrients that are essential for plant growth and prevent any deficiencies.

Analysis & Physical Properties

Formulation %	Nitrogen details			Total N	P_2O_5	K_2O	pH (1\100)	EC mS (1\1000)	Sol. g/L at 20°C
	Nitric	Amm.	Uric						
20-20-20 + TE	5.0	4.0	11	**20.0**	**20.0**	**20.0**	3.5-4.5	0.8	350
19-19-19 + TE	5.6	6.4	7.0	**19.0**	**19.0**	**19.0**	4.0-5.0	1.0	300
18-18-18 + TE	3.0	6.0	9.0	**18.0**	**18.0**	**18.0**	3.0-4.0	0.8	350
17-17-17 +TE	0	7.0	10.0	**17.0**	**17.0**	**17.0**	3.5-4.5	1.0	300
20-10-20 +TE	12.0	8.0	0	**20.0**	**10.0**	**20.0**	3.5-4.5	1.0	350

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	
Vegetables Green houses Open field	2-4 Kg/500 m^2 2-4 Kg/1000 m^2	150-200 g/100 Lit water	During mid-stages, after flowering & setting
Field crops	10-12 Kg/ha		Tillering & stem extension stages
Forages	10-12 Kg/ha		During Vegetative growth stages & after each cut
Fruit trees	50-150 g/ tree	150-200 g/100 Lit water	During Vegetative growth stages
Ornamentals	15-20 Kg/ha	100-150 g/100 Lit water	Weekly
Nurseries	50-100 g/100 Lit (drenching)		Weekly

BALANCED FORMULA FERTIGATION FOLIAR

AMCOLÓN

High Nitrogen Formulas

Formulas with high nitrogen content suitable for promoting vegetative development.

The availability of other Macro & Micro nutrients will prevent nutritional imbalance.

Analysis & Physical Properties

Formulation: %	Nitrogen details			Total N	P_2O_5	K_2O	pH (1\100)	EC mS (1\1000)	Sol. g/L at 20°C
	Nitric	Amm.	Uric						
28-14-14 +TE	4.0	3.0	21.0	**28.0**	**14.0**	**14.0**	4.0-5.0	0.6	300
30-10-10 + TE	3.0	5.0	22.0	**30.0**	**10.0**	**10.0**	3.5-4.5	0.7	300
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	
Vegetables Green houses Open field	2-4 Kg/500 m^2 2-4 Kg/1000 m^2	150-200 g/100 Lit water	During vegetative growth stages
Field crops	10-12 Kg/ha		After 1st month
Forages	10-12 Kg/ha		After 1st month and after each cutting
Fruit trees	50-150 g/tree	150-200 g/100 Lit water	After vegetative buds blooming and during vegetative development
Ornamentals	15-20 Kg/ha	100-150 g/100 Lit water	Weekly
Nurseries	50-100 g/100 Lit (drenching)		Upon need

HIGH NITROGEN FERTIGATION FOLIAR

AMCOLÓN

High Phosphorus Formulas

Formulas with high content of totally available Phosphorus, it can be used as starter application for root development and after transplanting. It is also recommended to be used to boost flowering.

These formulas contain needed micro elements that are necessary for most plant biological activities.

Analysis & Physical Properties

Formulation: %	Nitrogen details			Total N	P_2O_5	K_2O	pH (1\100)	EC mS (1\1000)	Sol. g/L at 20°C
	Nitric	Amm.	Uric						
15-30-15 + TE	0	6.0	9.0	**15.0**	**30.0**	**15.0**	3.5-4.5	0.8	300
13-40-13 + TE	1.7	7.9	3.4	**13.0**	**40.0**	**13.0**	3.5-4.5	0.8	350
10-50-10 +TE	0	9.0	1.0	**10.0**	**50.0**	**10.0**	3.5-4.5	0.8	300

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	
Vegetables Green houses Open field	2-4 Kg/500 m^2 2-4 Kg/1000 m^2	150-200 g/100 Lit water	During root development and flowering stage
Field crops	10-12 Kg/ha		At 1st month
Forages	10-12 Kg/ha		At 1st month
Fruit trees	50-150 g/tree	150-200 g/100 Lit water	At flowering stage
Ornamentals	15-20 Kg/ha	100-150 g/100 Lit water	Upon need
Nurseries	50-100 g/100 Lit (drenching)		After true leaves appearance

HIGH PHOSPHORUS FERTIGATION FOLIAR

AMCOLÓN

High Potassium Formulas

Formulas with high Potassium content that will be necessary during fruit development and ripening stages.

The Potassium in these formulations is important for translocation of sugar, improving the plant and fruit quality as well as providing the plant with better strength for tolerating adverse conditions

Available micronutrients will prevent their deficiencies

Analysis & Physical Properties

Formulation: %	Nitrogen details			Total N	P_2O_5	K_2O	pH (1\100)	EC mS (1\1000)	Sol. g/L at 20°C
	Nitric	Amm.	Uric						
12-12-36 + TE	8.0	2.5	1.5	**12.0**	**12.0**	**36.0**	3.0-4.0	1.0	150
15-5-35 + TE	5.5	1.0	8.5	**15.0**	**5.0**	**35.0**	3.0-4.0	1.2	150
15-15-30 + TE	7.0	3.0	5.0	**15.0**	**15.0**	**30.0**	3.0-4.0	1.1	300
16-8-24 +TE	2.5	6.5	7.0	**16.0**	**8.0**	**24.0**	3.0-4.0	1.2	250
11-11-42 +TE	10	0	1.0	**11.0**	**11.0**	**42.0**	3.5-4.5	1.1	200
17-10-27 +TE	3.0	3.0	11.0	**17.0**	**10.0**	**27.0**	3.0-4.0	0.8	250
7-7-40+TE	1.5	1.5	4.0	**7.0**	**7.0**	**40.0**	3.0-4.0	1.2	100
12-6-40 +TE	6.6	0	5.4	**12.0**	**6.0**	**40.0**	3.0-4.0	1.1	200
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	
Vegetables Green houses Open field	2-4 Kg/500 m^2 2-4 Kg/1000 m^2	150-200 g/100 Lit water	During fruit development stage
Field crops	10-12 Kg/ha		During heading stage
Forages	10-12 Kg/ha		After each cut
Fruit trees	50-150 g/tree	150-200 g/100 Lit water	During fruit development stage
Ornamentals	15-20 Kg/ha	100-150 g/100 Lit water	Upon need

HIGH POTASSIUM FERTIGATION FOLIAR

AMCOLON PLUS

Amcolon plus *is a range of special water soluble fertilizers with special additives designed from selected raw materials with highest purity and solubility beside 100% chelated micronutrients to ensure an optimum plant response on all phonological stages.*

Available packing: 1Kg, 10 Kg & 25 Kg bags

AMCOLON PLUS

High Potassium Formulas with Calcium

Amcolon Plus is a special water soluble fertilizers made from purest raw materials with presence of calcium beside three major elements and microelements.

Amcolon Plus contain high amount of potassium with calcium which it is best to use on fruiting stage to increase fruit size and improve cell wall strength.

Amcolon Plus improve fruit shelf life.Amcolon Plus excellent to use by foliar due to its rapid absorption by plant.

Amcolon Plus suitable to use by all fertigation system which no conflict interaction between phosphorous and calcium.

Amcolon Plus suitable to use on hydroponic (soilless crops).

Analysis & Physical Properties

Formulation: %	Nitrogen details			Total N	P_2O_5	K_2O	CaO	pH (1\100)	EC mS (1\1000)	Sol. g/L at 20°C
	Nitric	Amm.	Uric							
13-8-24+10 CaO+TE	12	0	1.0	**13**	**8**	**24**	**10**	2.5-3.5	1.3	250
14-11-22+8 CaO+TE	10.5	0	3.5	**14**	**11**	**22**	**8**	2.0-3.0	1.26	250
Trace Elements content: Fe 200ppm, Cu 100ppm, Zn 100ppm, B 100ppm, Mn 100ppm, Mo50ppm.										

Crops & Rate of Use

Crop	Application Rate		Time of Application
	Fertigation	Foliar	
Fruit trees, Citrus, Grape, Olive, Pears, Stone fruits	25 – 50 Kg/ha	2 – 4 Kg/ha	After fruit setting and during fruiting stage
Vegetable crops on Greenhouses	25 – 50 Kg/ha	1.5 – 2.5 Kg/ha	
Vegetable crops on open fields	25 – 50 Kg/ha	2 – 4 Kg/ha	
Nurseries	12 – 25 Kg/ha	1 – 2 Kg/ha	Starting from 4th leaf
Flowers and Ornamentals	12 – 25 Kg/ha	1.5 – 2 Kg/ha	After transplanting and during vegetative growth
Hydroponic System	12 – 25 Kg/ha (Use it as stock solution 15 – 20% max. concentration and dilute in the irrigation system)		After fruit setting and during fruiting stage

*The application rates above are guidelines and relay on deficiency situation on plant, we recommend using minimum dosage for slight deficiency, and maximum dosage for severe deficiency.

HIGH POTASSIUM FERTIGATION FOLIAR