

CODA RANGE OF PLANT NUTRITIONAL PRODUCTS FOR FOLIAR & FERTIGATION



CODASAL PLUS 2000

A liquid calcium complex containing several organic acids to correcting calcium deficiencies in many kinds of soils.

CODAHUMUS 20

Soil and water conditioner and ameliorator

CODASUL pH

A highly concentrated acid liquid solution of nitrogen with sulphur for soil and water amendment and nutrition

CODAMIN RADICULAR

An N: P: K formulation based on enzymatic amino acids and Potassium Phosphite with nutritional, stimulation and phytofortification effect.

CODAMIN B-Mo

A formulation containing Boron and Molybdenum complexed with Amino acids.

CODAPHOS K

A high concentration fertilizer solution containing phosphorous and potassium as potassium phosphite for optimal plant growth (flowering and fruit set) and for phytofortification.

CODA MIX

A balanced Liquid blend of trace elements for deficiencies corrections suitable for use throughout the crop cycle




greencare by



A. SOIL /WATER CONDITIONERS & CORRECTORS

1. CODASAL PLUS 2000

	GUARANTEED ANALYSIS		REMARKS
		%W/W	
	CALCIUM OXIDE	12.3	17.5
COMPLEXING AGENT: Lignosulfonate, gluconic Acid, EDTA			

CROPS RECOMENDATIONS AND TIMING

1.1 CALCIUM DEFICIENCY CORRECTION

CROPS	FERTIGATION - DOSE	USAGE - OBSERVATIONS
Strawberry	5-6 L/ha- application	Apply weekly during the crop cycle
Table grape	4-6 L/ha- application	Apply weekly from raceme formation till one week before harvest
Tomato	Open field: 4- 6 L /ha-applications Green house: 1 L /1000m ² -application	Apply weekly
Citrus	4-6 L /ha –application	Apply every 7-10 days from fruit setting till start of harvesting
Pome fruits-apple	5-6 L /ha-application	Apply weekly from petals fall till harvesting

1.2 SOIL AMELIORATOR - DRIP IRRIGATION

Soil type	Doses /Ha	Number of applications
Sand	5L/Ha	6 applications, each 10-15 days
Loam	5L/Ha	4 applications, each 10-15 days
Clay	5L/Ha	3 applications, each 10-15 days

The fertigation may cause salts concentration in the root zone. The application of CODASAL PLUS 2000 in the initial crop stages favours the plant grow firmly in the soil.




1.3 SALINE AND SODIC SOILS CORRECTOR-SOIL TEXTURE DEGRADATION

Doses	Observations
5-10 L /ha –application	Drip irrigation 2 -5 applications depending on soil texture and Sodium (Na+) concentration.

1.4 SALINE WATER CORRECTION - SODIUM EXCESS

Doses	Observations
10-40 cc/m ³ irrigation water	Depending on: salinity, crop resistance to salt, irrigation water volume and soil texture.

2. CODAHUMUS 20

	GUARANTEED ANALYSIS		REMARKS	
		%W/W		%W/V
	TOTAL HUMIC EXTRACTS	20.2	22.8	<ul style="list-style-type: none"> - CODAHUMUS 20 Ameliorates the physical, chemical and biological properties of the soil, due to the origin and characteristics of its Humic Acids - CODAHUMUS 20 increases the fertility both in acid and alkaline soils. The physical and chemical properties of Humic and Fulvic acids increase the soils cation exchange capacity. - CODAHUMUS 20 favors root development due to the soil structure improvement .It also increases the nutrient availability helping some elements to be absorbed (by its chelating properties); thus avoiding nutritional unbalance on plants.
	HUMIC ACIDS	10.0	11.3	
FULVIC ACIDS	10.2	11.5		

CROPS RECOMENDATIONS AND TIMING

2.1 DRIP IRRIGATION

CROP	DOSE OF CODAHUMUS 20
Tomato	30-40 lts/ha-cycle
Vegetables	30-40 lts/ha-cycle
Strawberries	30-45 lts/ha-cycle
Olive tree	25-40 lts/ha-cycle
Almond ,pistachios and hazel nut trees	25-35 lts /ha-cycle
Nursery	40-50 lts/ha-cycle
Banana	40-50 lts/ha-cycle
Fruit tree	30-40 lts /ha-cycle
Citrus	30-40 lts/ha-cycle


- In fruits tree, it is recommended to make 4-5 applications from sprouting stages.
- In vegetables and ornamentals, treatments should be repeated every 15 days.
- It is possible to apply together with chelates and trace elements, therefore saving on application costs.
- In case of flooding irrigation increase the doses up by 50%.

2.2 CODAHUMUS 20 MIXED WITH CHELATES.

High Chlorosis	1 kg Fe chelate	3 lts Codahumus 20
Medium Chlorosis	1 kg Fe chelate	2 lts Codahumus 20
Trace elements	1 kg trace elements	2 lts Codahumus 20



3. CODASUL pH

	GUARANTEED ANALYSIS		REMARKS
		%W/V	
	NITROGEN	22.8	<ul style="list-style-type: none"> - Supplies both macro and trace elements to plants. - An excellent pH acidifier for irrigation water –avoiding the typical plugging of emitters or other parts in irrigation systems. - Temporarily acidifies the soil solution, giving additional benefit to the crops nutrition. - Encourages the unblockage of soil nutrients; making easier the uptake of such nutrients. - Improves water penetration in the soil. - Encourages the salts leaching - Solubilizes some fertilizers - As additive for foliar sprayings, it increases the effectiveness of the phytosanitary or fertilizer applied
	SULPHUR	60.8	
	IRON	0.03	
	ZINC	0.01	


APPLICATION METHOD AND DOSES

APPLICATIONS	DOSES	OBSERVATIONS
Water with high Risk of Precipitations and Excess of salts.	100-250 cc /m ³	It is advised to apply minimum once a week, or in each irrigation.
Water with Moderate risk of Precipitation	50-100 cc/m ³	Apply each week or 10 days along the season
To encourage Plants Nutrition in alkaline soils	25-50 cc /m ³	Apply each week along the season
To increase effectiveness of foliar Spray solution	10-15 cc/m ³	Apply with an absolute rigor to final pH 6-6.5



B. AMINO ACIDS AND BIOSTIMULATORS

1. CODAMIN RADICULAR

	GUARANTEED ANALYSIS			REMARKS
		%W/W	%W/V	
	NITROGEN	2.6	3.04	<ul style="list-style-type: none"> - Root stimulation: stimulates root formation because of the amino acids. The presence of phosphite protects the new roots from fungi attacks or diseases. - Nutritional: The N: P: K content and free amino acids supply nutritional elements to the plant. - SANITARY: The potassium phosphite protects the crops against fungi pathogens like Pythium and Phytophthora - CROP YIELD: it increases the crop yield because of better absorption, translocation and activity of the nutrients especially when applied with irrigation water.
	PHOSPHORUS [P ₂ O ₅]	9.8	11.4	
	POTTASSIUM [K ₂ O ₅] WATER SOLUBLE	3.5	4.1	
	FREE AMINO ACIDS	5.0	5.8	
TOTAL ORGANIC MATTER	6.0	7.0		


CROPS RECOMENDATIONS AND TIMING

CROPS	DOSES	OBSERVATIONS
Ornamentals	2-3 lts/ha Repeat every 15 days	Distributed from the beginning of plantation
Fruit crops Citrus	20-40 lts/ha –cycle	Distributed from sprouting and during the fruit development
Horticultural crops : Outdoor Green house	4-8 lts /ha-application 5-10 lts/ha-application	From the first crop stages (2-4 applications)

Is applied through fertigation. It is recommended in fruit trees, citrus, horticultural crops and ornamentals during the plants development stages. The main application stages are:-

- beginning of vegetative activity,
- pre-flowering and fruit setting,
- fruit development
- after stress situations.

2. CODAMIN B-Mo

	GUARANTEED ANALYSIS			DETAILS
		%W/W	%W/V	
	BORON [B] COMPLEXED AND WATER SOLUBLE	5.00	6.20	<ul style="list-style-type: none"> - It has free Amino acids that increase absorption both through leaves and roots. - It stimulates the plants and increases its resistance through harmful influences (as disease or infection) - Applied with amino acids it helps the plant synthesize its own proteins faster. - Stimulates the physiological functions of sprouting, blossom, pollination, fruit setting and fruit development
	MOLYBDENUM [Mo] COMPLEXED AND WATER SOLUBLE	0.17	0.20	
COMPLEXING AGENT: FREE AMINO ACIDS 120g/L				

APPLICATION METHOD AND DOSES

Codamin B-Mo is applied by foliar spray or fertigation.

APPLICATION METHOD	CODAMIN B-Mo	No of applications
Foliar	2-3 cc / LT	2-3
Fertigation	2-3 LT /Ha application	3-4

EXTENSIVE CROPS	CODAMIN B-Mo	No of applications
Alfafa	2 L /Ha	After cutting (1-15 cm high)
Sugar beet	3-5 L /Ha	From 8-10 leaves onwards
Sunflower	3 L /Ha	From 6-8 pairs of leaves onwards

APPLICATION TIMING:


TREE CROPS:

- pre flowering
- Fruit setting
- Fruit development

OTHER CROPS: apply from first stages of crop development

C. PREVENTIVES

1. CODAPHOS K

	GUARANTEED ANALYSIS		DETAILS
		%W/W	
	PHOSPHORUS P ₂ O ₅	30.0	42.0
POTASSIUM K ₂ O WATER SOLUBLE	20.0	28.0	

APPLICATION METHOD AND DOSES


Application method and doses: Codaphos k can be applied either as foliar spray or fertigation. It is recommended to apply the product in active growth stages for optimal distribution of the product inside the plant.

CROPS	DOSES	FOLIAR APPLICATION	FERTIGATION	OBSERVATION
FRUIT TREES (CITRUS)	2-3lt/Ha	3 Treatments spread within 6 months of active growing	5 lts /ha –application	2-4 applications per crop cycle
Horticultural ornamentals and straw berries	2-3lt/Ha	2-3 applications. 1 st application: pre-flowering and repeat every 15 days.		
Conifers	2-3lt/Ha	3-4 applications Repeat every month		

Timing :
It is recommended to apply the product during stages of active growth.

D. DEFICIENCIES CORRECTORS CHELATES

1. CODA MIX

	GUARANTEED ANALYSIS		REMARKS	
		%W/W		%W/V
	Boron [B]	0.30	0.38	- Contains balanced blend of trace elements with natural complexing agent [lignosulphonates], providing greater assimilation and absorption in foliar application - It is a good dispersing and wetting agent when applied with other products - Water soluble
	Copper [Cu] complexed	0.12	0.15	
	Iron [Fe] complexed	4.00	5.12	
	Manganese [Mn] complexed	2.00	2.56	
	Molybdenum [Mo] complexed	0.08	0.10	
	Zinc [Zn] complexed	0.50	0.64	
COMPLEXING AGENT: EDTA, citric acid and Lignosulphonate				

CROPS RECOMENDATIONS AND TIMING

Coda mix is applied as a foliar spray or by fertigation.

CROP	NO of applications	Average doses /Application L/HA CODA MIX
Citrus	2-4	2-3
Fruit trees	2-3	2-3
Vineyard		
Coffee .cacao	1-3	2-3
Banana	4-8	2-4
Tobacco	1-8	1.5-3
Pineapple	2-4	2-3
Cotton	1-3	2-3
Corn , sorghum	1-2	1-3

CROP	NO of applications	Average doses /Application L/HA CODA MIX
Wheat ,rice	1-2	1-3
Soya	1-2	2-3
Peanuts	1-2	2-3
Leguminous	1-3	2-3
Tomato	2-3	2-3
Pepper	2-3	2-3
melon	2-4	2-3
Water melon	2-4	2-3
Cucumber	2-4	2-3
Ornamentals	2-3	1-3

AVERAGE FOLIAR DOSE : 2-3 LTS /HA

FERTIGATION : From 1 to 2 liters /HA every 7-10 days



BENEFITS

- Offers vital supplement to conventional plant nutrition especially when roots are not able to fully absorb nutrients from the soil e.g. during cold weather, when soil has a high PH, during periods of water shortage etc.
- Guarantees the kind of results farmers want to see in their crops i.e. a strong root system to absorb water and minerals from the soil, greener foliage for maximum photosynthesis, big size fruits/berries/seeds, uniformly ripened fruits/berries e.t.c
- Made from the premium quality raw materials, thus guarantees high quality final product at affordable prices.
- Highly concentrated giving crops the required nutrients at optimum levels
- Contain a high level of well balanced EDTA chelated trace elements preventing leaching and guaranteeing perfect absorption.
- Highly soluble fertilizers ,mixes easily with water
- Compatible with most pesticides as foliar spray or fertigation treatment.
- Low chlorine content(less than 0.5) preventing the risk of salinity.
- Free flow and anti-caking
- Convenient packaging for ease of handling-1 lt ,5 lt, 20 lt packs



Our product families for the improvement and yield of your crop

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