Apple Tree Program






APPLE	*05* Emergence of inflorescence	*61* Pre-flowering	*65* Flowering	*71* Fruit set	*77* Fruit enlargement	*8* Fruit ripening
NPK fertilization by fertirrigation	SolDenso 13-40-13 (10-30 L/ha)		SolDenso 15-15-15 (4-8 L/ha)		SolDenso 12-05-42 (20-40 L/ha)	
Soil conditioners: improve the physical and chemical characteristics of the soil	KELOM Sal (75-125 L/ha divided into 3 applications)					
	MOL (100-150 cc/arbre)					
Amino acids: biostimulants effect and plant recovery in stress periods	STYM 25 (200-300 cc/100L)					
	STYM Natur (200-300 cc/100L)			STYM Natur (200-300 cc/100L)		
Stimulation of plant self-defense mechanism; phosphorus and potassium input	KELOM FosCu (300-450 cc/hl) 2 applications (7-20/ha) 2 applications			KELOM FosOrg (200-300 cc/hl)		
Magnesium input		KELOM Mag (3 L/ha water rate: 500/1000L/ha)		KELOM Mag (3 L/ha water rate: 500/1000L/ha)		
Calcium input				KELOM Foliar Ca Mg Aa (2,3-4,5 L/ha)		
Calcium and Boron input	KELOM Ca Forte (10-15 L/ha)			KELOM Ca Forte (10-15 L/ha)		
Potassium input				COLOR K Neutral (250-400 cc/100L)		
	PRONAT BIOFOL (100-200 cc/100L/ha)			PRONAT BIOFOL (100-200 cc/100L/ha)		
	KELOM ACTIV (25-50 g/tree)					
	KELOM MIX SOLID (100-200 g/hl)					
Natural defense (Fire Bligth and Scal)	Lamiprotect (Fire Blight 0,7 L/ha - 0,075 L/hl) (Apple Scab 1L - 0,1 L/hl)					
Biostimulants: improves plant growth, promotes production and helps the plant to overcome stress situations		Algex Amyn (250-300 cc/hl)		Algex Amyn (250-300 cc/hl)		
Boron input		KELOM B (100-150 cc/hl)		KELOM B (100-150 cc/hl)		
Boron and Molybdenum input		KELOM B-Mo (100-150 cc/hl)				

Soil application *Foliar application*

Apple. Products

	PRODUCT	STATE	COMPOSITION
	SOLDENSO 13-40-13	Gel	Total N 13,0 % w/v P_2O_5 soluble 40,0 % w/v K_2O soluble 13,0 % w/v
	SOLDENSO 15-15-15	Gel	Total N 15,0 % w/v P_2O_5 soluble 15,0 % w/v K_2O soluble 15,0 % w/v
	SOLDENSO 12-05-42	Gel	Total N 12,0 % w/v P_2O_5 soluble 5,0 % w/v K_2O soluble 42,0 % w/v
	KELOM Sal	Liquid	Calcium oxide complexed (CaO) 10,0 % w/w Calcium soluble (CaO) 10,0 % w/w Total N 4,0 % w/w Density 1,27 pH 4,8
	MOL	Liquid	Organic Material 42,5 % w/w Total Humic Extract 18,1 % w/w Humic acids 11,0 % w/w Fulvic acids 7,1 % w/w Organic N 4,5 % w/w K_2O 3,5 % w/w Mg 1,02 % w/w Density 1,27 pH 4,8
	STYM 25	Liquid	Free Amino Acids 25,0 % w/w Total N 6,4 % w/w Organic Carbon 27,5 % w/w Total Organic Material 47,0 % w/w ISI (Disease-Resistance Activator) 3,0 % w/w C/N Ratio 4,3 % w/w Vitamines 0,96 % w/w Density 1,25 pH 5,6
	STYM NATUR	Liquid	Total Amino Acids 36,00 % w/v Free Amino Acids 12,40 % w/v Fulvic Acids 32,00 % w/v Total N 5,00 % w/v K_2O 3,10 % w/v Ca 1,00 % w/v MgO 0,31 % w/v SO_3 0,97 % w/v
	KELOM FOSCu	Liquid	P_2O_5 25 % w/w Cu 6 % w/w Density 1,4

	PRODUCT	STATE	COMPOSITION
	KELOM FOSORG	Liquid	P_2O_5 30 % w/w K_2O 20 % w/w pH 4-5 Density 1,4
	KELOM Mag	Liquid	NO_3 7 % w/w MgO 10 % w/w Desity (20°C) 1,35 pH (Dissolution 10%) 4-7
	KELOM FOLIAR Ca Mg Aa	Liquid	Ca 8,8 % w/v MgO 2,7 % w/v Free Amino Acids 43,6 % w/v Densité 1,33 pH 5,5-6
	KELOM Calcium Forte	Liquid	CaO 6,5 % w/w B 0,2 % w/w Density 1,3 pH 4-5
	ColorK Neutral	Liquid	K_2O 15 %w/w Density 1,33 pH 6,8
	Pronat Biofol	Liquid	B 150 mg/l Cu 310 mg/l Fe 750 mg/l Mn 310 mg/l Mo 80 mg/l Zn 760 mg/l N Total (N) 24,4 %w/v P_2O_5 11,2 %w/v K_2O 17,4 %w/v Aminoacids 1,20 %w/v Auxin 0,60 %w/v Cytokinins 2,00 %w/v Density 1,48
	KELOM ACTIV	Solid	Total Fer-EDDHA 6,0 % w/w Iron Chelate Orto-Orto 2,0 % w/w Iron Chelate Orto-Para 1,0 % w/w pH stability 3-1 Chelating agent EDDHA Ethylenediamine-N, N (o-hydroxyphenyl acetic) acid

	PRODUCT	STATE	COMPOSITION
	KELOM MIXSOLIDO	Solid	MgO 1,20 % w/w Fe 4,00 % w/w Mn 3,00 % w/w Cu 0,50 % w/w Zn 4,00 % w/w B 1,50 % w/w Mo 0,05 % w/w Chelating Agent EDTA (ethylenediaminetetraacetic acid).
	LAMIPROTECT	Liquid	Orcanic Material 25,5 % w/w Laminaria extract 45,0 g/l pH 4,2
	Algex Amyn	Liquid	Seaweed extract (Ascophyllum Nodosum) 40 % w/w Free Amino Acids 10 % w/w Azote 5 % w/w Density 1,1 pH 6-7
	KELOM BORO	Liquid	Total N 4,0 % w/w B 15,0 % w/w Density 7,8 pH 7,5
	KELOM B-Mo	Liquid	Mo 10,0 % w/w B 10,0 % w/w