



# Apple

Nutrient Management According to the Stages of Crop Growth



**World's Leading Fertilizers**

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# Apple Crop Nutrition Schedule

## Soil & foliar fertilization

### >10 Standard Orchards



Growth Stages	Bud Burst Stage	Pink bud stage	Fruit Set Stage	Fruit Development stage (15-20 days after fruit set)	Fruit Development stage (30-35 days after fruit set)	Beginning of ripening (30 - 35 days before harvest)	After harvest (within 15 days of harvest)
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Fertilizers application ( Soil)	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree
Polysulphate (0-0-12.5+5MgO+15CaO+17.5 S)	1000 g			1000 g			500 g
ICL BIOZ HELIODOR	100 g			100 g			
Boronated CN (14.5-0-0+17Ca+0.2B)	1000 g			500 g			500 g
NPK complex (15-15-15 or 16-16-16)	1000 g			500 g			

Fertilizer application (Foliar)	g/l water	g/l water	g/l water	g/l water	g/l water	g/l water	g/l water
NutriVant Starter (11-36-24)		5 g / l water					
TechLeaf (11-5-19+9 Cao+2.5 MgO)			10 g / l water				
NutriVant Fruit (12-5-27+8CaO)				10 g / l water			
NutriVant Booster ( 8-16-39)					5 g/l water		
Fertiflow Potassium+ (8-0-47+7S)					5 g/l water		
NutriVant PeakVant (0-49-32)						5 g/l water ( two spray )	
TechLeaf (31-11-11)							10 g/l water
Select Calcium Liquid ( 11%)						1 ml/ l water	
Select Zn EDTA ( 12%)				1 g/l water			2 g/l water
Select Boron ( 20%)		1 g/l water				1 g/l water	

# Apple Crop Nutrition Schedule

## Soil & foliar fertilization

### 3 – 5 year High Density Orchards



Growth Stages	Bud Burst Stage	Pink bud stage	Fruit Set Stage	Fruit Development stage (15-20 days after fruit set)	Fruit Development stage (30-35 days after fruit set)	Beginning of ripening (30 - 35 days before harvest)	After harvest (within 15 days of harvest)
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Fertilizers application ( Soil)	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree
Polysulphate (0-0-12.5+5MgO+15CaO+17.5 S)	50 g			50 g			50 g
ICL BIOZ HELIODOR	5 g			5 g			

Fertilizers application ( Fertigation)	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree
Hi Peak (0-44-44)	10 g	10 g	10 g			10 g	
Fertiflow (12-6-22+ 12 CaO)				15 g	15 g		
Boronated CN (14.5-0-0+17Ca+0.2B)	30 g	30 g	30 g				

Fertilizers application ( Foliar)	g/l water	g/l water	g/l water	g/l water	g/l water	g/l water	g/l water
NutriVant Starter (11-36-24)		5 g / l water					
TechLeaf (11-5-19+9 Cao+2.5 MgO)			10 g / l water				
NutriVant Fruit (12-5-27+8CaO)				10 g/l water			
NutriVant Booster ( 8-16-39)					5 g/l water		
Fertiflow Potassium+ (8-0-47+7S)					5 g/l water		
NutriVant PeakVant (0-49-32)						5 g/l water ( two spray)	
TechLeaf (31-11-11)							10 g/l water
Select Calcium Liquid ( 11%)						1 ml/ l water	
Select Zn EDTA ( 12%)				1 g/l water			2 g/l water
Select Boron ( 20%)		1 g/l water				1 g/l water	

# Apple Crop Nutrition Schedule

## Soil & foliar fertilization

### >5 year High

### Density Orchards



Growth Stages	Bud Burst Stage	Pink bud stage	Fruit Set Stage	Fruit Development stage (15-20 days after fruit set)	Fruit Development stage (30-35 days after fruit set)	Beginning of ripening (30 - 35 days before harvest)	After harvest (within 15 days of harvest)
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Fertilizers application ( Soil)	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree
Polysulphate (0-0-12.5+5MgO+15CaO+17.5 S)	100 g			50 g			50 g
ICL BIOZ HELIODOR	10 g			10 g			

Fertilizers application ( Fertigation)	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree	g/tree
Hi Peak (0-44-44)	10 g	10 g	10 g			10 g	
Fertiflow (12-6-22+ 12 CaO)				25 g	25 g		25 g
Boronated CN (14.5-0-0+17Ca+0.2B)	40 g	40 g	40 g				

Fertilizers application ( Foliar)	g/l water	g/l water	g/l water	g/l water	g/l water	g/l water	g/l water
NutriVant Starter (11-36-24)		5 g / l water					
TechLeaf (11-5-19+9 Cao+2.5 MgO)			10 g / l water				
NutriVant Fruit (12-5-27+8CaO)				10 g/l water			
NutriVant Booster ( 8-16-39)					5 g/l water		
Fertiflow Potassium+ (8-0-47+7S)					5 g/l water		
NutriVant PeakVant (0-49-32)						5 g/l water ( two spray )	
TechLeaf (31-11-11)							10 g/l water
Select Calcium Liquid ( 11%)						1 ml/ l water	
Select Zn EDTA ( 12%)				1 g/l water			2 g/l water
Select Boron ( 20%)		1 g/l water				1 g/l water	