



## PROBLEMS ENCOUNTERED IN MELON

### FROM THE SEEDLING TO THE FRUITING STAGES

#### PROBLEM 1

If there are root growth problems;

Cause: If it is clayey, hard or similar soil;

**DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)**

ZENITH.....1-1,5 LT  
 +  
 NOABSES.....1 LT  
 +  
 18-18-18.....2-3 KG  
 +  
 FULL ENERGY 7.....1 LT

or

SULPHUR.....2-3 KG  
 +  
 NOABSES.....1 LT  
 +  
 18-18-18.....2-3 KG



If there is drowning in excessively moist soil and roots;

CALCIUM NITRATE.....2-3 KG  
 +  
 CALVIN.....2 LT  
 +  
 NOABSES.....1 LT  
 +  
 PROFER 6 (Fe).....150 GR

2-3 days  
 later

GLUKOMIX Mn-Fe.....1-2 LT  
 +  
 FULL ENERGY 7.....1 LT  
 +  
 18-18-18.....3-4 KG

#### PROBLEM 2

If the plant stem is thin and has rapid elongation;

**DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)**

RATOON 15.....2,5 KG  
 +  
 OrgAPEX-NK.....2 LT  
 +  
 FOLKAR-K.....2 LT  
 +  
 0-30-40.....2-3 KG

If the plant stem is thick and has rapid elongation;

DURAN .....2,5 LT  
 +  
 FOLKAR-K.....2 LT  
 +  
 16-8-24.....2 KG

or

DURAN .....2,5 LT  
 +  
 FULLBASS 69.....1 KG  
 +  
 16-8-24.....3 KG

**FOR PROBLEM 2, APPLICATION FROM TOP**

Vegetative period

FOLKAR-K.....200 cc/100 LT of water  
 +  
 NIMBUS 52.....200-250 GR/100 LT of water

or FULLBASS 69.....200 GR/100 LT of water

This mixture should be applied 2 times with 6-7 days intervals



#### PROBLEM 3

If there is elongation at the flowering stage  
 (Vegetative development is very fast)

**FOR PROBLEM 3, APPLICATION FROM TOP**

ZENITH.....150 cc/100 LT of water  
 +  
 MAXIFORTE.....250 GR/100 LT of water

or

FOLKAR-K.....200-250 cc/100 LT of water  
 +  
 MAXIFORTE.....250 GR/100 LT of water

or

FULLBASS 69.....200 GR/100 LT of water



## PROBLEMS ENCOUNTERED IN MELON

### FRUITING STAGE

#### PROBLEM 1

##### If the fruit turns yellow;

Cause: Abscisic acid accumulation in roots and fruit stalks due to root drowning and / or insufficiency of root functions, excessive soil moisture and / or imbalance, sudden change in the weather (temperature and humidity), use of improper chemicals, etc.

##### If there is root drowning;

Cause: Overirrigation or high groundwater.

##### DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)

CALVIN.....2-4 LT  
 +  
 NOABSES.....1-1,5 LT  
 +  
 PROFER 6.....150 GR

2 days  
later

ZENITH.....2 LT  
 +  
 MAXÍFORTE.....1 KG  
 +  
 18-18-18.....4 KG

or

ZENITH.....2 LT  
 +  
 SULPHUR.....3 KG  
 +  
 18-18-18.....4 KG

##### If there is a sudden change in air humidity;

ZENITH.....2 LT  
 +  
 NOABSES.....1 LT  
 +  
 18-18-18.....4-5 KG

##### FOR PROBLEM 1, APPLICATION FROM TOP

CALVIN..... 250-300 cc/100 LT of water  
 +  
 NOABSES ..... 200 cc/100 LT of water

This mixture can also be applied after the use of improper chemicals or foliar fertilizers with inappropriate plant growth regulators.



#### PROBLEM 2

##### Retarded fruit growth, lack of homogeneous growth, etc.

##### DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)

MAXÍEND 10-7-17..... 4-5 KG  
 +  
 NOABSES.....1-1,5 LT  
 +  
 FULL ENERGY 7.....1 LT  
 +  
 16.8.24.....3 KG

Or

MAXÍEND 10-7-17.....5 KG  
 +  
 16-8-24 ..... 2 KG  
 +  
 ULTRA K30.....1-2 LT

##### FOR PROBLEM 2, APPLICATION FROM TOP

MAXÍFORTE.....250 GR/100 LT of water  
 +  
 ULTRA-K40.....200 CC/100 LT of water

This mixture should be applied 2 times with 6-7 days intervals

### PROBLEM 3

If there is a large number of fruits on the plant and vegetative development is poor;

#### DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)

20-10-20 Veya 20-20-20.....4-6 KG  
+  
FULL ENERGY 7.....1 LT  
+  
NOABSES.....1 LT  
+  
PROMAX COMBI.....200-250 GR

or

20-10-20.....3 KG  
+  
TORK-K15.....5 KG  
+  
NOABSES.....1 LT  
+  
PROMAX COMBI.....200-250 GR

#### FOR PROBLEM 3, APPLICATION FROM TOP

FULL ENERGY 7.....200 cc/100 LT of water  
+  
NIMBUS 52.....200 GR/100 LT of water  
+  
PROMAX COMBI.....100 GR/100 LT of water

This mixture should be applied 2 times with 6-7 days intervals

### PROBLEM 4

If there is a risk of fruit cracking;

1st Cause: If a sudden change in soil moisture and / or overirrigation;

#### DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)

CALVÍN.....3-4 LT  
+  
NOABSES.....1-1,5 LT  
+  
18-18-18.....4-5 KG

2nd Cause: If a sudden change in air humidity;

#### DRIP IRRIGATION SYSTEM (1000 m<sup>2</sup>)

ZENITH.....2 LT  
+  
NOABSES.....1-1,5 LT  
+  
18-18-18.....4-5 KG

#### FOR PROBLEM 4, APPLICATION FROM TOP

1 st Cause:

CALVÍN.....250-300 cc/100 LT of water  
+  
NOABSES.....200 cc/100 LT of water

2nd Cause:

ZENITH.....150 cc/100 LT of water  
+  
NOABSES.....200 cc/100 LT of water

This mixture should be applied 2 times with 5 days intervals

