



CUCUMBER PLANT PROBLEMS AND SOLUTIONS

FROM THE SEEDLING TRANSPLANT STAGE TO THE FLOWERING STAGE

PROBLEM 1

If there is root drowning and inability of plant to thrive or excessive accumulation of ammonia, etc. due to soil structure (clay soil), excessive soil moisture, salinization;

DRIP IRRIGATION SYSTEM (1000 m2)

NOABSES 1 LT
 +
 CALVÍN 2-2,5 LT
 +
 18-18-18 2-2,5 KG

2-3 days
later

SULPHUR 2-3 KG
 +
 PROFER 6 150-200 GR
 +
 18-18-18 2-3 KG

Amyak birikimi var ise;

NOABSES 1 LT
 +
 CALVÍN 2-3 LT
 +
 CALCIUM NITRATE..... 2-4 KG

3-4 days
later

ZENITH 1-2 LT
 +
 FULL ENERGY 7..... 1 LT
 +
 18-18-18 20-20-20



PROBLEM 2

Root rots, crown rot disease, fusarium sp., etc.

DRIP IRRIGATION SYSTEM (1000 m2)

FOLKAR-K 1-2 LT
 +
 CHEMICAL

or

SUPKOR CU 1-1,5 LT

PROBLEM 3

If there is an excessive longitudinal growth in the plant stem (internodes open)

DRIP IRRIGATION SYSTEM (1000 m2)

DURAN 2,5 LT
 +
 0-30-40 2 KG
 +
 MAXIFORTE 1 KG

3-4 days
later

DURAN 2,5 LT
 +
 0-30-40 2-3 KG

or

RATOON 15 2,5 LT
 FULLBASS 69 1KG
 +
 0-30-40 2-3 KG

FOR PROBLEM 3, APPLICATION FROM TOP

At the vegetative stage

NİMBUS 52 250-300 GR/100 LT of water
 +
 FOLKAR-K 250 cc/100 LT of water

At the flowering and fruiting stages

MAXIFORTE 250-300 GR/100 LT of water
 +
 FOLKAR-K 250 cc/100 LT of water

if there is excessive growth in the plant

MAXIFORTE 250-300 GR/100 LT of water
 +
 FOLKAR-K 250 cc/100 LT of water



PROBLEM 4

If black mulching is used, the roots are on the soil surface. Therefore, root function and nutrient flow are poor.

DRIP IRRIGATION SYSTEM (1000 m²)

NOABSES 1 LT
ZENITH 1-2 LT
FERTILIZER

or

FULLBASS 69 1-2 KG
ZENITH 1-2 LT
FERTILIZER

PROBLEM 5

If there is apical dormancy and apical distortions associated with boron deficiency;

DRIP IRRIGATION SYSTEM (1000 m²)

NOABSES 1 LT
BOLBOR 1 LT
FERTILIZER

FOR PROBLEM 5, APPLICATION FROM TOP

NOABSES 200 cc/100 LT of water
BOLBOR 150 cc/100 LT of water

CUCUMBER PLANT PROBLEMS AND SOLUTIONS

FRUITING STAGE



PROBLEM 1

If the flowers wither and dry early;

DRIP IRRIGATION SYSTEM (1000 m²)

BOLBOR 1 LT
NOABSES 1 LT
FULL ENERGY 7 1 LT
FERTILIZER

FOR PROBLEM 1, APPLICATION FROM TOP

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

This mixture should be applied 2 times with 1 week intervals.



PROBLEM 2

If there is fruit dropping due to soil structure, excessive soil moisture or unbalanced irrigation, sudden changes in air humidity, improper chemical application, etc.;

DRIP IRRIGATION SYSTEM (1000 m²)

| | | | | |
|----------------|------------|-------------------|--------------|------|
| NOABSES | 1 LT | 3-4 days later | ZENITH | 2 LT |
| CALVIN..... | 2,5-3 LT | | FERTILIZER + | |
| PROFER 6 | 100-150 GR | | | |
| FERTILIZER + | | | | |
| | | | | |

Meanwhile, irrigation should be arranged according to the weather conditions and soil structure.

FOR PROBLEM 2, APPLICATION FROM TOP

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

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

PROBLEM 3

If fruit development is weak, there are deformities (thin fruit), pale fruits, etc.;

DRIP IRRIGATION SYSTEM (1000 m²)

| | |
|----------------------|--------|
| MAXIEND 10-7-17..... | 3-5 KG |
| GLUKOMIX Mn-Fe | 2 LT |
| 16-8-24 | 2 KG |

FOR PROBLEM 3, APPLICATION FROM TOP

| | |
|-----------------|----------------------------|
| MAXIFORTE | 250-300 GR/100 LT of water |
| CALVIN | 250-300 cc/100 LT of water |

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



PROBLEM 4

If there is excessive fruit accumulation on the plant and the apical development is weak;

DRIP IRRIGATION SYSTEM (1000 m²)

| | | | | |
|--------------------|------|-------------------|-----------------------|------------|
| ZENITH..... | 1 LT | 2-3 days later | CALCIUM NITRATE | 3-4 KG |
| TRANS-POL | 1 KG | | CALVIN | 2 LT |
| FULL ENERGY 7..... | 1 LT | | PROFER 6 | 150-200 GR |
| 20-20-20 | 4 KG | | | |
| | | | | |

FOR PROBLEM 4, APPLICATION FROM TOP

| | | | | |
|-----------------|------------------------|----|-------------------|------------------------|
| ZENITH | 150 cc/100 LT of water | or | PROMAX COMBi..... | 100 GR/100 LT of water |
| NIMBUS 52 | 200 GR/100 LT of water | | NIMBUS 52 | 200 GR/100 LT of water |

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

PROBLEM 5

If vegetative development is rapid, stem and leaf blade is wide, number and development of fruit is low;
Cause: Insufficient fertilization, excessive organic matter and excessive use of phosphorus, etc.

DRIP IRRIGATION SYSTEM (1000 m²)

| | | | | |
|----------------|--------|-------------------|-------------------------|----------|
| PROLIUM | 1-2 LT | 1-2 days later | 16-8-24 | 2 KG |
| FOLKAR-K | 1-2 LT | | 6-0-49 | 2 LT |
| | | | MAGNESIUM SULFATE | 2-2,5 KG |

FOR PROBLEM 5, APPLICATION FROM TOP

| | |
|----------------|----------------------------|
| MAXIFORTE..... | 250-300 GR/100 LT of water |
| FOLKAR-K..... | 250-300 cc/100 LT of water |

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

PROBLEM 6

If the leaves and fruits are discolored as a result of sudden changes in the weather (hot-cold-humidity);
Cause: Increased carbohydrate levels and prolonged self-renewal period of capillary root hair.

DRIP IRRIGATION SYSTEM (1000 m²)

| | | | | |
|---------------------|--------|----|---------------------|--------|
| MAXFORTE..... | 1 KG | or | FULBASS 69..... | 1-2 KG |
| GLUKOMIX Mn-Fe..... | 1-2 LT | | GLUKOMIX Mn-Fe..... | 1-2 LT |
| FULL ENERGY 7..... | 1 LT | | FULL ENERGY 7..... | 1 LT |
| FERTILIZER | | | FERTILIZER | |

FOR PROBLEM 6, APPLICATION FROM TOP

| | |
|---------------------|----------------------------|
| MAXIFORTE..... | 250-300 GR/100 LT of water |
| GLUKOMIX Mn-Fe..... | 150-200 cc/100 LT of water |

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



CUCUMBER DISEASE AND PEST CONTROL

Against powdery mildew, red spider mite, broad mite

Apply 150-300 gr SULPHUR per 100 lt water

CUCUMBER FOLIAR PESTS AND APPLICATIONS

First, fill the chemical application tool (pH adjustment, spreader-binder, etc.) with 2000 CO-MUT /100 cc / 100 lt water before the insecticides. Then add 2000 OCTIL, which prevents chitin synthesis in insects, to 50 cc / 100 lt water. Then apply after adding the pesticides.