

PROBLEMS ENCOUNTERED IN TOMATO CULTIVATION AND SOLUTIONS WITH 2000 TARIM PRODUCTS (FOR SPRING CULTIVARS)

For winter or late winter planting, going from cold to hot

SEEDLING STAGE

PROBLEM 1

If there is a slowdown in seedling growth due to cold and virus

DRIP IRRIGATION SYSTEM (1000 m2)

ZENITH.....1-1,5 LT
+
NOABSES..... 1 LT
+
18-18-18 veya 20-20-20.....3-4 KG

FOR PROBLEM 1, APPLICATION FROM TOP (Cold and Virus)

ZENITH.....150 cc/100 of water
+
MAXÍFORTE..... 200 cc/100 of water

This mixture should be applied 2 times with 5-6 days intervals.



PROBLEM 2

Applications of hormone (Shock), inappropriate chemical spraying (Especially herbicides and subsurface chemicals)

DRIP IRRIGATION SYSTEM (1000 m2)

CALVİN..... 2-3 LT
+
CALCIUM NITRATE..... 2-3 KG
+
NOABSES 1-1,5 LT
+
18-18-18 3-4 KG

This mixture can be used for all periods.

FOR PROBLEM 2, APPLICATION FROM TOP

NOABSES200 cc/100 LT of water
+
FULL ENERGY 7 150 cc/100 LT of water
+
CALVİN..... 250-300 cc /100 LT of water

PROBLEM 3

Weak root growth (Weakness in capillary root hair formation)

DRIP IRRIGATION SYSTEM (1000 m2)

In normal and fine plants

ZENITH.....1-1,5 LT
+
RATOON 15..... 2,5 KG
+
18-18-18 2-2,5 KG

In normal and thick plants

DURAN 2,5 LT
+
NOABSES 1 LT
+
18-18-18 3 KG

PROBLEM 4

Especially when planted in soil with excessive moisture (mud);

DRIP IRRIGATION SYSTEM (1000 m²)

Before

CALVIN..... 2-3 LT
+
NOABSES..... 1-1,5 LT
+
18-18-18..... 3-4 KG

2-3
days
later

SULPHUR.....3 KG
+
GLUKOMIX Mn-Fe..... 1-2 LT
+
18-18-18..... 3-4 KG

FOR PROBLEM 4, APPLICATION FROM TOP

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

This mixture should be applied 2 times with 5-6 days intervals.

PROBLEM 5

If there is root rot;

DRIP IRRIGATION SYSTEM (1000 m²)

SUPKORCU..... 1 LT

or

FOLKAR-K..... 1-2 LT
+
CHEMICAL

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FLOWERING AND FRUITING STAGES

PROBLEM 1

If there is a delay in flowering and insufficiency of pollen;

DRIP IRRIGATION SYSTEM (1000 m²)

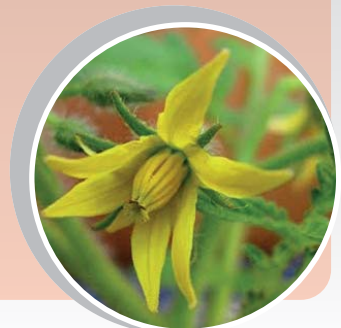
TRANS-POL..... 1 KG
+
NOABSES..... 1 LT
+
12-36-12..... 3-4 KG

FOR PROBLEM 1, APPLICATION FROM TOP

TRANS-POL.....150 GR/100 LT of water
+
NOABSES..... 150 cc/100 LT of water

If at the fruiting stage;

TRANS-POL.....150 GR/100 LT of water
+
MAXIFORTE..... 150-200 GR/100 LT of water



PROBLEM 2

If there is a risk of virus and impairment on top due to chemicals or plant growth regulators;

DRIP IRRIGATION SYSTEM (1000 m2)

ZENITH..... 2 LT
+
NOABSES..... 1 LT
+
20-20-20..... 4-5 KG

FOR PROBLEM 2, APPLICATION FROM TOP

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

This mixture should be applied 2 times with 5-6 days intervals.

PROBLEM 3

If the vegetative development of the plant is weak (the stem is thin), the root function is poor (fertilizer intake), fruit develops early;

DRIP IRRIGATION SYSTEM (1000 m2)

PROMAX COMBI..... 300 GR
+
RATOON 15..... 2,5 KG
+
NOABSES 1-2 LT
+
18-18-18 veya 20-20-20 3-4 KG

or

SULPHUR 3 KG
+
VEJETOL 29-5-10 2-3 KG
+
PROMAX COMBI 300 GR.

FOR PROBLEM 3, APPLICATION FROM TOP

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

or

NİMBUS 52 200 GR/100 LT of water
+
NOABSES..... 200 cc/100 LT of water

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

PROBLEM 4

If there is discoloration in the leaf (carbohydrate accumulation) and purple top (at growth tip);

Cause: the amount of protein decreases and carbohydrate accumulation increases during the cold period.

DRIP IRRIGATION SYSTEM (1000 m2)

FULL ENERGY 7..... 1 LT
+
NOABSES 1 LT
+
FOLKAR-K 1-2 LT
+
16-8-24 5-6 KG

If there is purple top;

NOABSES..... 1 LT
+
FOLKAR-K..... 1-2 LT
+
16-8-24 6-7 KG

FOR PROBLEM 4, APPLICATION FROM TOP

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

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



PROBLEM 5

If the fruit growth is weak (at the end of winter)

Apply fertilizer in between walkways

POTASSIUM NITRATE..... 20-25 KG
+
CALCIUM NITRATE 10-15 KG

Then, water with a light flush.

DRIP IRRIGATION SYSTEM (1000 m2)

MAXİEND 10-7-17..... 3-5 KG
+
16-8-24..... 3-4 KG or 16-8-24..... 3-4 KG
+
GOLDEN Ka.Te.Se 2-2,5 LT
+
POTANİA-NK 2 KG
+
OrgAPEX-NK..... 2-3 LT

This application can be made 2 irrigation.
This practice also accelerates the coloring of ripe fruit.

FOR PROBLEM 5, APPLICATION FROM TOP

MAXİFORTE..... 200 GR/100 LT of water
+
ULTRA-K30..... 200 cc/100 LT of water or POTANİA-NK..... 250 GR/100 LT of water

PROBLEM 6

If there is fruit drop (abscisic acid accumulation);

Cause: Sudden change in the weather, transition from humid air to dry air.

DRIP IRRIGATION SYSTEM (1000 m2)

NOABSES..... 1 LT
+
ZENITH..... 2 LT
+
16-8-24 6 KG



TOMATO DISEASE AND PEST CONTROL

Foliar diseases and applications;

In case of the existence of *Clavibacter Michiganensis* sp, *Pseudomonas* sp, *Alternaria* sp, *Botrytis* sp, *Phytophthora* sp, *Pseudomonas Corrugata* , apply 200-250 cc SupKor-Cu per 100 lt water 1-3 days before and 2-4 days after the applications of chemicals. Repeat as required. **Kök Hastalıkları ve Uygulamalar** • *Fusarium* sp. • *Phyium* sp. • *Phytophthora* sp. • *Verticillium* sp. • *Clavibacter Michiganensis* sp.

Root diseases and applications

In case of the existence of *Fusarium* sp, *Phyium* sp, *Clavibacter Michiganensis* sp, *Phytophthora* sp, *Verticillium* sp, apply 1-2 liters SupKor-Cu for 1000 m2 from drip irrigation system. Repeat as needed.

Root diseases and applications

Apply 150-300 gr SULPHUR per 100 lt water

TOMATO 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.