

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

For planting in mid- to late summer, going from hot to cold

SEEDLING STAGE

PROBLEM 1

If the weather is extremely hot, the vegetative growth is fast, the root is weak and the plant stem is thin;

Drip Irrigation System (1000m²)

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

or

RATOON 15.....2,5 KG
+
FOLKAR-K.....1 LT
+
12-36-122 KG

Note: FOLKAR-K in this mixture also acts as vascular opener, trace element carrier and strengthener of the immune system of the plant against root diseases.

* If, in addition to PROBLEM 1, it cannot take root from peat due to excessive irrigation or soil structure (excessively clayey);

Before Drip Irrigation System(1000m²)

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

After
1 day

RATOON 15.....2,5 KG
+
ZENITH.....1 LT
+
12-36-122 KG

* If the plant is like those listed in PROBLEM 1 and has a normal or thick stem;

Drip Irrigation System(1000m²)

DURAN2,5 LT
+
NOABSES.....1 LT
+
FERTILIZER



PROBLEM 2

If the vegetative development of the plant is weak for any reason (shock, soil structure, inappropriate tillage or use of improper chemicals), and if there is a virus risk;

Drip Irrigation System(1000m²)

SULPHUR.....3 KG
+
NOABSES1 LT
+
18-18-18 veya 20-20-202-3 Kg
+
PROFER 6 (Fe)100 Gr

2 days
After

SULPHUR.....3 Kg
+
20-20-203 Kg
+
ZENITH1 Lt
+
OrgAPEX-NK2 Kg

FOR PROBLEM 2, APPLICATION FROM TOP

a) For shock and hormone stress;

NOABSES200 cc/100 Lt. of Water
+
ZENITH150 cc/100 Lt. of Water

b) For vegetative growth and virus risk

NOABSES150 cc/100 Lt. of Water
+
NİMBUS 52200 Gr/100 Lt. of Water
+
PROMAX COMBI.....100 GR./100 Lt. of Water

PROBLEM 3

In case of nematodes, 1-2 days before chemical application for nematodes (to promote root growth and function)

Drip Irrigation System(1000m2)

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

or

ZENITH 1-1,5 LT
+
NOABSES 1 LT
+
FERTILIZER

FOR PROBLEM 3, APPLICATION FROM TOP

ZENITH 150 cc / 100 LT of water
+
NOABSES 150-200 cc / 100 LT of water
+
FULL ENERGY 7 100 cc / 100 LT of water

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FLOWERING STAGE

PROBLEM 1

At this stage (autumn sowing), root development is very weak as compared to vegetative development. In order to accelerate root development, drip pipes should be removed 7-8 cm away from the root crown at the start of the flowering stage, in the first place. Then, with frequent fertilizer application, root development should be facilitated, and excessive vegetative growth should be prevented. Also, if the root development and function are weak at the beginning of the flower development, both pollination will be insufficient and the quality of the first growing fruits will be poor (puffy fruit, discoloration and malformation).

DRIP IRRIGATION SYSTEM (1000 m2)

DURAN2,5 - 5 LT
+
NOABSES1 LT
+
0-30-403-4 KG

or

FULLBASS 691 LT
+
DURAN2,5 - 5 LT
+
0-30-403-4 KG

or

TRANS-POL1 KG
+
FULLBASS 691-2 KG
+
0-30-403-4 KG

If, in PROBLEM 1, there is blossom drop or the flower stem turns yellow (abscisic acid accumulation) due to reasons such as shock, use of inhibitors, hormones, improper chemicals, etc;

DRIP IRRIGATION SYSTEM (1000 m2)

ZENITH1-2 LT
+
NOABSES1 LT
+
20-20-203-4 KG

or

NOABSES1 LT
+
CALVIN 2-3 LT
+
PROFER 6 (Fe)100-150 GR

For shock, hormone stress

Use of improper chemicals, excessive soil moisture

FOR PROBLEM 3, APPLICATION FROM TOP

NOABSES200 cc / 100 LT of Water
+
ZENITH100-150 cc / 100 LT of Water
+
PROMAX COMBI100-150 GR) / 100 LT of Water
or

NOABSES200 cc / 100 LT of water
+
CALVIN250-300 cc / 100 LT of water

Use of improper chemicals



PROBLEM 2

If the lateral growth of the plant is excessive, the leaves are wide and the flowers are half blooming;

DRIP IRRIGATION SYSTEM (1000 m2)

A

TRANS-POL	1 KG
FULLBASS 69.....	1 KG
16-8-24	2 KG
16-8-24.....	3 KG

B

FOLKAR-K.....	1-2 LT
DURAN.....	2,5 LT
16-8-24	3-4 KG

After
2 Days

PROLIUM 1-2 LT

FOR PROBLEM 2, APPLICATION FROM TOP

FOLKAR-K	200-300 cc / 100 LT of water
MAXIFORTE.....	200 GR / 100 LT of water

PROBLEM 3

If lateral growth of the plant is weak, and longitudinal growth and flowering are excessive;

DRIP IRRIGATION SYSTEM (1000 m2)

OrgAPEX-NK	2,5 LT	or	TRANS-POL	1 KG
RATOON 15.....	2,5 KG		RATOON 15.....	2,5 KG
NOABSES	1 LT		FULLBASS 69.....	1 KG
0-30-40	2-3 KG		0-30-40	2-3 KG

FOR PROBLEM 3, APPLICATION FROM TOP

TRANS-POL	150 GR / 100 Lt. of water	or	TRANS-POL	150 GR / 100 Lt. of water
MAXIFORTE.....	150 GR / 100 Lt. of water		NOABSES.....	200 cc / 100 Lt. of water



PROBLEM 4

If there is yellowing (iron-manganese) or improper chemical application, chemical stress, nematode or pythium in the plant;

DRIP IRRIGATION SYSTEM (1000 m2)

For Phytium; SUPKORCU.....	1 LT	later	GLUKOMIX Mn-Fe	2 LT	or	SULPHUR.....	3 KG
			NOABSES	1 LT		NOABSES.....	1-2 KG
			VEJETOL 29-5-10.....	2-3 KG		GLUKOMIX Mn-Fe.....	1-2 LT
						FERTILIZER	

FOR PROBLEM 4, APPLICATION FROM TOP

NOABSES	200 cc / 100 Lt. Suya
GLUKOMIX Mn-Fe	200 cc / 100 Lt. Suya

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FRUITING STAGE

PROBLEM 1

If there is fruit drop or the fruit stem turns yellow;

Cause: Excessive soil moisture, root drowning

DRIP IRRIGATION SYSTEM (1000 m2)

CALVİN 2 LT
+
NOABSES..... 1-2 LT
+
18-18-18 4-6 KG
+
CALCIUM NITRATE 3-4 KG

Cause: The use of improper chemicals or foliar fertilizers (trace element burns), hypersensitivity of the varieties to the use of inhibitors, hormones or hormonal products, or if there is yellowing (abscisic acid accumulation);

DRIP IRRIGATION SYSTEM (1000 m2)

NOABSES 2 LT
+
CALVİN 2-5 LT

Cause: Sudden change in the weather (sudden drop in humidity)

DRIP IRRIGATION SYSTEM (1000 m2)

NOABSES1-2 LT
+
ZENİTH 2 LT
+
FERTILIZER

FOR PROBLEM 1, APPLICATION FROM TOP

NOABSES..... 200 cc/100 LT of water
+
ZENİTH 150 cc/100 LT of water or (PROMAX COMBI 100-150 GR.)
+
FULLY ENERGY 7 150-200 cc/100 LT of water



PROBLEM 2A

If fruit development is weak in the first fruits, development is not homogeneous, or leaf and shoot development is excessive;

DRIP IRRIGATION SYSTEM (1000 m2)

MAXİEND 10-7-175 KG
+
16-8-24 2 KG

or

MAXİEND 10-7-173-5 KG
+
16-8-24 2-3 KG
+
0-0-51 2 KG

FOR PROBLEM 2A, APPLICATION FROM TOP

ULTRA K30 200 cc/ 100 LT of Water
+
MAXİFORTE 200 GR/100 LT of Water

PROBLEM 2 B

If fruit development is poor and also the green parts of the plant are weak;

DRIP IRRIGATION SYSTEM (1000 m2)

SULPHUR 3 KG
+
TORK K15 3-5 KG
+
16-8-24 3-4 KG
+
Org APEX-NK 2 LT

or

TORK 15 3-5 KG
+
16-8-24 3-4 KG
+
Org APEX-NK 2 LT
+
NOABSES 1 LT

FOR PROBLEM 2B, APPLICATION FROM TOP

MAXIFORTE 150-200 GR/100 LT of water
+
PROMAX COMBI 150 GR/100 LT of water
+
FULL ENERGY 7 150-200 cc/100 LT of water

PROBLEM 3

If there is cracking. The cause of cracking in green products is due to poor root development and function, and, along with this, leaving them without water for long periods and then watering (going beyond regular watering). Therefore, green and red cracking and softening will increase.

DRIP IRRIGATION SYSTEM (1000 m2)

NOABSES 1-2 LT
+
CALVIN 3-5 LT
+
FERTILIZER 3-5 KG

or

ZENITH 2 LT
+
NOABSES 1-2 LT
+
16-8-24 2-3 KG

FOR PROBLEM 3, APPLICATION FROM TOP

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



PROBLEM 4

If there is delay in fruit coloration (non-homogeneous coloration), whitefly damage, or root problems;

DRIP IRRIGATION SYSTEM (1000 m2)

MAXIEND 10-7-17 3-5 KG
+
MAXIFORTE 1 LT
+
GLUKOMIX Mn-Fe 2 LT
+
6-0-49 3-4 KG

or

SULPHUR 3 KG
+
MAXIEND 10-7-17 5 KG
+
6-0-49 3-4 KG
+
GLUKOMIX Mn-Fe 2 LT

FOR PROBLEM 4, APPLICATION FROM TOP

MAXIFORTE 200 GR/ 100 LT of water
+
GLUKOMIX 200 cc/100 LT of water

or

MAXIFORTE 200 GR/ 100 LT of water
+
ULTRA K30 200-250 cc/ 100 LT of water

or

MAXIFORTE 200 GR/ 100 LT of water
+
GOLDEN Ka.Te.Se 400-500 cc/100 LT of water

If Enlargement Is Incomplete

If The Vegetative Part Is Strong

If The Fruit Is Large

PROBLEM 5

To ensure the coloring being minimally affected if there is corrugata at the fruit stage

DRIP IRRIGATION SYSTEM (1000 m2)

PROLIUM 2 LT
+
FOLKAR-K 2 LT

or

SUPKOR-Cu 1-2 LT

FOR PROBLEM 3, APPLICATION FROM TOP

SUPKOR-Cu 200 cc / 100 LT of water
+
FOLKAR-K 200 cc / 100 LT of water