



Agricultural  
Development Trust,  
Baramati

Indian Council of Agricultural Research, New Delhi.

Agricultural Development Trust's

# KRISHI VIGYAN KENDRA, BARAMATI

At Post. Malegaon Khurd, Tal. Baramati, Dist. Pune 413115.

Phone : 02112-255207, 255327, Fax : 02112-255227

Email : kvkbmt@yahoo.com, syeds@adtbaramati.com, Web : www.kvkbaramati.com



भारत  
ICAR

F.No. To,

2009

Date : 24/4/17

Managing Director,  
Mahapeek Fertilizers Pvt.Ltd.  
Solapur.

Sub- Regarding Result of Trial Conducted at Krishi Vigyan Kendra demonstration plots

Respected Sir,

With reference to above mentioned subject, we are submitting herewith the trial result of Products of Mahapeek Fertilizers Pvt Ltd.during the year 2016-2017 Conducted at Krishi Vigyan Kendra demonstration plots Tal- Baramati Dist-Pune.. The trial result are in terms of Yield per Plant, Average Fruit Weight & % yield increase of Brinjal & Tomato crop. We had conducted Trial on Brinjal & Tomato crop. The report of the Trial is enclosed herewith for your information and record please purpose.

Thanking You.

Head & Senior Scientist  
Krishi Vigyan Kendra, Baramati

Enclosure-

\*Details of the trial results



# Report on Testing of Mahapeek water soluble fertilizers on Brinjal Crop

Sponsored By

M/S. Mahapeek Fertilizers Pvt.Ltd

## \*Objective of testing-

1. To evaluate the effect of Mahapeek Water soluble fertilizers on Brinjal crop in terms of Yield per Plant, Average Fruit Weight & % yield increase.

## \*Methodology

Application Procedure-Following fertigation schedule is given

Sr.No.	Name of Product	Rate of application	Duration
1	Vellstar	2 kg	Soil
2	NPK 19:19:19	250 gm	10 days
3.	NPK 13:40:13	250 gm	10 days
4	MOP 00:52:34	250 gm	10 days
5	MAP 12:61:00	250 gm	10 days
6	NK 13:00:45	250 gm	10 days
7	Potassium sulphate 00:00:50	250 gm	10 days
8	Calcium Nitrate	500 gm	40 <sup>th</sup> days
9	Magnesium Sulphate	500 gm	50 <sup>th</sup> day
10	Rootvell	2ml	1 <sup>st</sup> day
11	EDTA ZINC	2.5 gm / lit water	30 <sup>th</sup> day foliar spray
12	EDTA FERROUS	2.5 gm / lit water	35 <sup>th</sup> day foliar spray
13	EDTA BORON	2.5 gm / lit water	40 <sup>th</sup> day foliar spray
14	EDTA TEJAS COMBI	2.5 gm / lit water	45 <sup>th</sup> day foliar spray
15	Vellset	2.5 gm / lit water	30 <sup>th</sup> day foliar spray
16	Fruitvell	2.5 gm / lit water	40 <sup>th</sup> day foliar spray
17	Nutrivell	2.5 gm / lit water	45 <sup>th</sup> day foliar spray
18	Brixtoner	2.5 gm / lit water	50 <sup>th</sup> day foliar spray

24/4/17  
Subject Matter Specialist\*  
(Agronomy)  
Krishi Vigyan Kendra, Baramati  
Dist. Pune.



### Treatments-

1. Farmers Practice Soil application of 100:50:50 kg N,P,K /ha
2. Application of water soluble fertilizers as per Schedule
3. Experimental Design- Replication Three with Randomized Block design
4. Plot size- Gross- 1000 Sq.m.

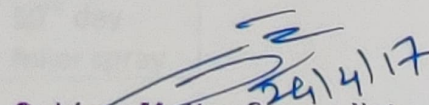
### Details of Observation of trials at KVK, Baramati

Sr.No.	Crop Details	Name of Product	Method of Application	Observation Parameters	Observations	
					Treatment Plot-T1	Control Plot/Local check -T2
1	Brinjal	Mahapeek water soluble fertilizers	Fertigation as per schedule given	1.Yield per Plant	37.5 kg/plant	26.2 Kg/Plant
				2.Average Fruit weight	255 gm	176 gm
				3.% Yield increase	43.1 % Yield is increased	

### Conclusion-

As per the observations and when the average values are taken in to consideration following results are obtained after completion of trial-

- The fertigation of water soluble Mahapeek fertilizers as per schedule increase the average weight of Brinjal fruit and also yield of crop is increased by 43.1 % as compare to local check.

  
Subject Matter Specialist  
(Agronomy)  
Krishi Vigyan Kendra, Baramati  
Dist. Pune.



# Report on Testing of Mahapeek water soluble fertilizers on Tomato Crop

Sponsored By

M/S. Mahapeek Fertilizers Pvt.Ltd

## \*Objective of testing-

1. To evaluate the effect of Mahapeek Water soluble fertilizers on Tomato crop in terms of Yield per Plant, Average Fruit Weight & % yield increase.

## \*Methodology

Application Procedure-Following fertigation schedule is given

Sr.No.	Name of Product	Rate of application	Duration
1	Vellstar	2 kg	Soil
2	NPK 19:19:19	250 gm	10 days
3.	NPK 13:40:13	250 gm	10 days
4	MOP 00:52:34	250 gm	10 days
5	MAP 12:61:00	250 gm	10 days
6	NK 13:00:45	250 gm	10 days
7	Potassium sulphate 00:00:50	250 gm	10 days
8	Calcium Nitrate	500 gm	40 <sup>th</sup> days
9	Magnesium Sulphate	500 gm	50 <sup>th</sup> day
10	Rootvell	2ml	1 <sup>st</sup> day
11	EDTA ZINC	2.5 gm / lit water	30 <sup>th</sup> day foliar spray
12	EDTA FERROUS	2.5 gm / lit water	35 <sup>th</sup> day foliar spray
13	EDTA BORON	2.5 gm / lit water	40 <sup>th</sup> day foliar spray
14	EDTA TEJAS COMBI	2.5 gm / lit water	45 <sup>th</sup> day foliar spray
15	Vellset	2.5 gm / lit water	30 <sup>th</sup> day foliar spray
16	Fruitvell	2.5 gm / lit water	40 <sup>th</sup> day foliar spray
17	Nutrivell	2.5 gm / lit water	45 <sup>th</sup> day foliar spray
18	Brixtoner	2.5 gm / lit water	50 <sup>th</sup> day foliar spray

26/4/17  
Subject Matter Specialist  
(Agronomy)  
Krishi Vigyan Kendra, Baramati  
Dist. Pune.



### Treatments-

3. Farmers Practice Soil application of 100:50:50 kg N,P,K /ha
4. Application of water soluble fertilizers as per Schedule
3. Experimental Design- Replication Three with Randomized Block design
4. Plot size- Gross- 1000 Sq.m.

### Details of Observation of trials at KVK, Baramati

Sr.No.	Crop Details	Name of Product	Method of Application	Observation Parameters	Observations	
					Treatment Plot-T1	Control Plot/Local check -T2
1	Tomato	Mahapeek water soluble fertilizers	Fertigation as per schedule given	1.Yield per Plant	11.4 kg/plant	8.1 Kg/Plant
				2.Average Fruit weight	83 gm	71 gm
				3.% Yield increase	40.7 % Yield is increased	

### Conclusion-

As per the observations and when the average values are taken in to consideration following results are obtained after completion of trial-

- The fertigation of water soluble Mahapeek fertilizers as per schedule increase the average weight of Tomato fruit and also yield of crop is increased by 40.7 % as compare to local check.

  
Subject Matter Specialist  
(Agronomy)  
Krishi Vigyan Kendra, Baramati  
Dist. Pune.