

# PRONTO ON CAPSICUM (BELL PEPPER)

### **Key Results**

- 1) 26% Increase in Height
- 2) 54% Increase in Fruit wt.
- 3) 60% Increase in yield
- 4) Improved fruit storage quality



#### **PROTOCOL**

Test Crop : Simla California Wonder

Treatment : PRONTO

(Amino Acid & Sea Weed Extract

based Biostimulant) Foliar Spray carried out over control.

(Grower's Standard Fertility & crop protection programme)

**Application**: 3 Foliar Applications

@ 100ml./A.

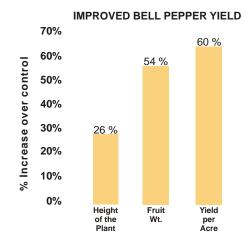
Location : DIST SANGLI

MAHARASHTRA

**Test Year** : 1994, 95, 96

Researcher's Conclusion

"Foliar Application of Pronto was very effective in increasing Wt. Of the fruit, Height of the plant & yield per Acre. It Improved the quality & storage shelf life"



### PRIYA CHEMICALS

2, LARISSA, 396-B, Off: S. Temple Rd., Mahim, Mumbai - 400 016.India Tei: 91-22-2444 9379, 2446 0419/20 FAX: 91-22-2444 9459 E Mail: angle@vsnl.com Website: http://www.priyachem.com



# PERFECTOSE ON CHILLIES

### **Key Results**

- 1) 25% Increase in total weight yield
- 2) 40% Increase in No. of fruits per plant
- 3) 13% Increase in wt. of fruit
- 4) Improved fruit storage quality



#### **PROTOCOL**

Test Crop : Konkan Kirti

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control

(Grower's standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

@ 0.3 Lt. /A

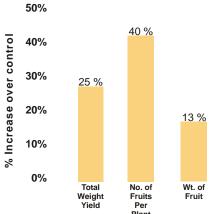
**Location**: Univ. Expt. Stn.

Dapoli, Ratnagiri MAHARASHTRA

**INDIA** 

**Test Year** : 1993, 94, 95.





#### Researcher's Conclusion

"Foliar Application Of **Perfectose** was more effective in increasing growth & yield / per hectare of Green Chillies & it improved the storage shelf life"



# PRONTO ON COFFEE

### **Key Results**

- 1) 29% Increase in Yield
- 2) 9.2% Increase in Fruit Settings
- 3) 12.1% Increase in No. of Fruits



#### **PROTOCOL**

**Test Crop** : COFFEE

Variety ARABICA

(CAUVERY)

**Treatment** : PRONTO

> (Amino Acid & Sea Weed Extract based Biostimulant)

Foliar spray carried out over control

(Grower's Standard Fertility

& crop protection programme)

**Application** : 2 Foliar Applications

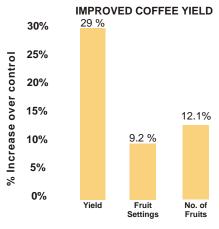
100 ml/Acre.

Location : CHICKMANGLOOR

KARNATAKA,

**INDIA** 

**Test Year** : 1996, 97, 98.



Researcher's Conclusion

"Foliar Application of Pronto was more effective increasing fruit settings, No. of fruits & yield."



# PERFECTOSE ON COTTON

### **Key Results**

- 1) 10% Increase in Yield
- 2) 19% reduction in immature balls per plant
- 3) 15.52% Increase in chlorophyll content
- 4) 20.72% Increase in wt. of picked balls per plant
- 5) 34.54% Increase in ginning percentage
- 6) 4% improvement in Micronaire Value (Fineness) of fibre



#### **PROTOCOL**

Test Crop : Cotton Hybrid

Variety NHH - 14

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar application carried out over control

(Grower's Standard fertility & Crop protection programme)

**Application**: 2 Foliar Applications

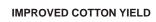
@ 0.250 Lt. /A

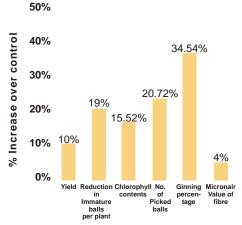
Location : Agriculture University

PÄRBHANI, MAHARASHTRA

INDIA

**Test Year** : 1993, 94, 95





#### Researcher's Conclusion

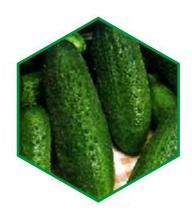
"Use Perfectose increased yield, chlorophyll Content & reduced percentage of physiological ball shedding. It improved ginning percentage & Fibre Fineness".



# PRONTO ON CUCUMBER

### **Key Results**

- 1) 42.0% Increase in yield.
- 2) 23.07% Increase in No/ of fruits
- 3) 17.0% Increase in height of the plant



#### **PROTOCOL**

Test Crop : Cucumber Treatment : PRONTO

(Amino Acid & Sea weed Extract based Biostimulant)

Foliar Spray carried out over control.

(Grower's Standard fertility & crop protection programme)

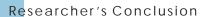
**Application**: 3 Foliar Applications

@ 100ml / A

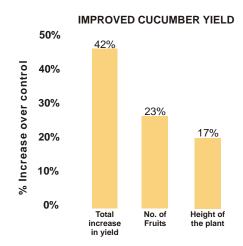
Location : Dist Solapur

MAHARASHTRA, INDIA

**Test Year** : 1994, 95, 96



"Foliar Application of **Pronto** was very effective in increasing growth & yield per hectare of cucumber & if improved the storage shelf life"





# PERFECTOSE ON GRAPES

### **Key Results**

- 1) 5.2% Increase in Sugar Content of berries
- 2) 33.3% Increase in Wt. of berries
- 3) 29.4% Increase in Diameter of berries.
- 4) 4.2% Reduction in Acidity of berries.
- 5) 16.4% Increase in Yield.



#### **PROTOCOL**

Test Crop : Thompson Seedless

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control.

(Grower's Standard fertility & crop protection programme)

**Application**: 6 Foliar Applications

@ 0.250 Lt. / A

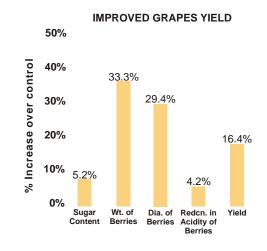
**Location** : Narayangaon

PUNÉ, INDIA

**Test Year** : 1992, 93, 94

## Researcher's Conclusion

"Foliar Application of **Perfectose** was very effective in increasing growth, yield & size of Grapes per hectare and it improved the storage shelf life"





# PERFECTOSE ON GROUNDNUT

### **Key Results**

- 1) 25.05% Increase in Dry Pod Yield
- 2) 20.0% Increase in Foliage



### **PROTOCOL**

Test Crop : GROUNDNUT

TG - 19

Treatment : PRONTO

(Amino Acid & Sea Weed Extract

based Biostimulant) Foliar Application carried

out over control.

(Grower's standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

@ 0.3 Lt. / Acre.

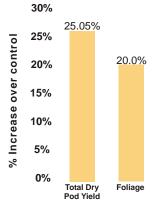
Location : KONKAN AGR. UNIV.

WAKAWALI,

MAHARASHTRA

**Test Year** : 1993, 94, 95.





#### Researcher's Conclusion

"Foliar Application of Perfectose was very effective in increasing yield Groundnut pods & foliage"



# NEEMTO POWDER ON TOMATO

### **Key Results**

- 1) 70% Reduction in Nematode Population
- 2) Gall Index reduced by 62% whereas by carbofuran, it is 66%
- 3) 67% increase in yield.



### **PROTOCOL**

Test Crop : Tomato Variety Local Cultivar (L-15)

Treatment : NEEMTO

(Deoiled Neem Cake)

Soil Treatment carried out over control

(Grower's standard fertility & crop protection programme)

2) Carbofuran

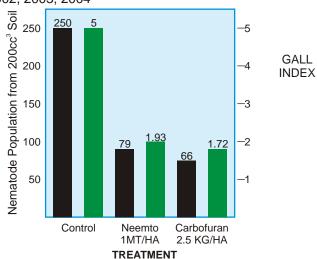
Application : NEEMTO 1MT/HA

CARBOFURAN 2.5Kg. / HA

Location : KRC College of Agri. ARABHAVI, Univ. of

Agri. Science, DHARWAD

**Test Year** : 2002, 2003, 2004

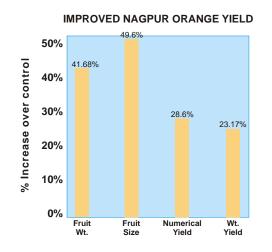




# PERFECTOSE ON ORANGES

### **Key Results**

- 1) 23.17% Increase in weight yield
- 2) 28.6% Increase in Numerical yield
- 3) 49.6% Increase in fruit size
- 4) 41.68% Increase in fruit weight
- 5) Improvement in Juice quality
  - •16.0% Increase in Juice Content
  - 14.6% Increase in Soluble Solids
  - 40.6% Increase in Ascorbic Acid Content.



#### **PROTOCOL**

Test Crop : Nagpur Orange Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control.

(Grower's standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

@ 0.250 Lt. / A.

**Location**: Agriculture University

AKOLA, MAHARASHTRA

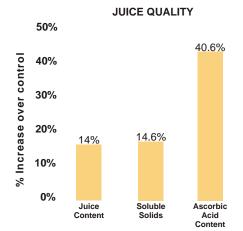
**INDIA** 

**Test Year**: 1993-94, 95,96



#### Researcher's Conclusion

"Use of **Perfectose** significantly influenced increase in yield, number of fruits, weight & size of fruit, juice percentage & Ascorbic Acid content, there by increasing grower's returns"



### PRIYA CHEMICALS

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# PRONTO ON POMOGRANATE

### **Key Results**

- 1) 27.0% Increase in yield per tree.
- 2) 42.0% Increase in No Av. No. of Flowers per tree.
- 3) 80.0% reduction in flower drop.



#### **PROTOCOL**

**Test Crop Pomogranate** 

Variety Ganesh

**PRONTO Treatment** 

(Amino Acid & Sea weed Extract based Biostimulant)

Foliar Spray carried out over control.

(Grower's Standard fertility & crop protection programme)

**Application** : 2 Foliar Applications

@ 100 ml / A

Location : Dist Solapur

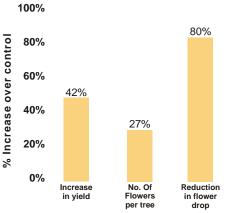
MAHARASHTRA, INDIA

**Test Year** : 1995, 96, 97



Researcher's Conclusion

"Foliar Application of Pronto was very effective in increasing yield of Pomogranate & it reduced rate of flower drop effectively."





# PERFECTOSE ON POTATO

### **Key Results**

- 1) 26.4% Increase in yield
- 2) 20.0% Increase in Wt. of Tuber
- 3) 26.0% Increase in Av. No. Of Tubers per plant



#### **PROTOCOL**

Test Crop : POTATO

Variety KUFRI, NAVEEN

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control.

(Grower's standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

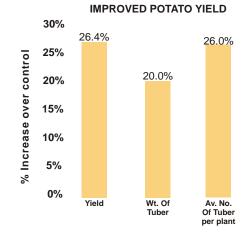
@ 0.3 Lt. / Acre.

Location : Koregaon

Dist - SATARA

MAHARASHTRA

**Test Year** : 1993, 94, 95.



#### Researcher's Conclusion

"Foliar Application of Perfectose was very effective in increasing yield, Wt. of tuber & no. of tubers per plant & it improved the storage shelf Life."



# PRONTO ON TOMATO

### **Key Results**

- 1) 50% Reduction in Root Knot Nematode Population
- 2) Gall Index reduced by 68% whereas by carbofuran, it is 70%
- 3) 50% is increase in yeild.



#### **PROTOCOL**

Test Crop : Tomato Variety Local Cultivar (L-15)

Treatment : PRONTO

(Amino Acid & Sea Weed Extract based

Biostimulant)

Soil Treatment carried over control. (Grower's standard fertility & crop protection programme)

2) Carbofuran

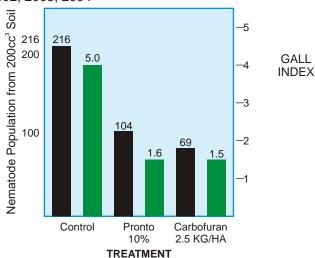
**Application**: Pronto 10% soln / Ha

Carbofuran 2.5 Kg. / Ha

Location : KRC College of Agr. ARABHAVI, Univ. of

Agri. Science, DHARWAD

Test Year : 2002, 2003, 2004





# PERFECTOSE ON PULSES

### **Key Results**

- 1) 27% Increase in yield
- 2) 38.5% Increase in Grain yield per plant
- 3) 45.6% Increase in wt. of pods per plant
- 4) 28.0% Increase in No. of Pods per plant



#### **PROTOCOL**

Test Crop : Chick pea, Pulse

"CHAFFA"

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Spary carried out over control.

(Grower's standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

@ 0.250 Lt. / A

**Location** : Agriculture University

AKOLA, MAHARASHTRA

**INDIA** 

**Test Year** : 1994, 95, 96.

| SO% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6% | 45.6%

Researcher's Conclusion

"Use of **Perfectose** yielded significantly higher yield giving better return to grower."



# PERFECTOSE ON SOYBEAN

### **Key Results**

- 1) 26.45% Increase in yield
- 2) 36.66% Increase in number of pods per plant
- 3) 51.56% Increase in number of grains per plant
- 4) 14.8% Increase in wt. of grains
- 5) 13.25% Increase in height of plant



#### **PROTOCOL**

Test Crop : Soybean

JS - 335

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)
Foliar Spary carried out over control.

(Grower's Standard fertility & crop protection programme)

**Application**: 3 Foliar Applications

@ 0.250 Lt. / A

Location : Univ. of Agri. Sciences

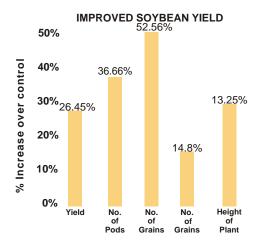
Dharwad

Agri. Research Station SANKESHWAR, KARANATAKA, INDIA

**Test Year** : 1995, 96, 97.

Researcher's Conclusion

"Application of foliar spray of Perfectose significantly increased yield of Soybean"





# PRONTO ON STRAWBERRY

### **Key Results**

- 1) 33.3% Increase No. of fruit per plant
- 2) 30.4% Increase in Av. wt. of fruit
- 3) 45.0% Increase in yield per Acre



#### **PROTOCOL**

**Test Crop** : Strawberry (Chandeliar)

**PRONTO Treatment** 

> (Amino Acid & Sea weed Extract based Biostimulant)

Foliar Spary carried out over control.

(Grower's Standard fertility & crop protection programme)

**Application** : 3 Foliar Applications

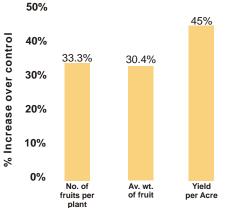
@ 100 ml / A

Location : Dist Satara

MAHARASHTRA INDIA

**Test Year** : 1994, 95, 96





#### Researcher's Conclusion

"Foliar Application of **Pronto** was very effective in increasing No. of fruits per plant, Av. wt. of fruit & yield of Strawberry per Acre. It improved the storage shelf life"



# PERFECTOSE POWDER ON SUGARCANE

### **Key Results**

- 1) 15.0% Increase yield
- 2) 19.0% Increase in CCS.
- 3) 11.0% Increase in Av. Cane wt.
- 4) 3.0% Increase in Sucrose Content.
- 5) 4.0% Increase in CCS in juice.



#### **PROTOCOL**

Test Crop : Sugarcane

Variety CO 86032

Treatment : PERFECTOSE POWDER

(Amino Acid based Biostimulant)

Soil Application carried

out over control.

(Grower's Standard fertility & crop protection programme)

**Application**: 3 Soil Applications

@ 8 kg / A

1st - 30 days after planting 2nd - 60 days after planting 3rd - 90 days after planting

**Location**: Central Sugarcane

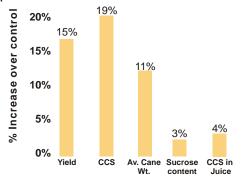
Res. Stn.

Agr. Univ. Rahuri

MAHARASHTRA INDIA

**Test Year** : 1994 - 95, 96, 97

**IMPROVED SUGARCANE YIELD** 



25%

Researcher's Conclusion

### "Use of Perfectose Powder

significantly influenced in yield,

Av. cane wt. & sucrose content in

Sugarcane"



# PERFECTOSE ON TEA

### **Key Results**

1) 8.8% Increase in Tea Yield



### **PROTOCOL**

**Treatment** 

**Test Crop** : TEA

Clone T 353 : PERFECTOSE

(Amino Acid based

Biostimulant)

Foliar Application carried

out over control

(Grower's Standard fertility & crop protection programme)

: 2 Foliar Applications @ 0.250 Lt. / Acre. **Application** 

Location : Tocklai Experimental Station

Tea Research Association

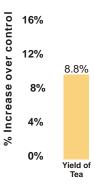
Jorhat, Assam, INDIA

**Test Year** : 1996, 1997, 1998 20%



Researcher's Conclusion

"Foliar Application of Perfectose showed significant increase in yield of Tea"





# PERFECTOSE ON SUNFLOWER

### **Key Results**

- 1) 15% Increase in seed yield
- 2) 0.8% Increase in oil content in seeds
- 3) 6% Increase in seed filling
- 4) 56. 2% Increase in grower's return



#### **PROTOCOL**

Test Crop : Sunflower

Hybrid,

PKVSH - 27

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control

(Grower's Standard fertility

& crop protection programme)

**Application**: 2 Foliar Applications

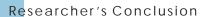
@ 0.250 Lt. / A

**Location** : Agriculture University

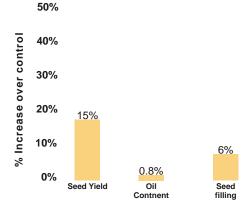
AKOLA, MAHARASHTRA

INDIA

Test Year : 1992, 93, 94 IMPROVED SUNFLOWER YIELD



"Seed yield, oil content were significantly influenced by foliar sprays of Perfectose. It helped in increase in grower's return"





# PERFECTOSE ON TEA

### **Key Results**

1) 10.5% Increase in Tea Yield



#### **PROTOCOL**

**Test Crop** : TEA

Clone UPASI - 9 CB/6161

**Treatment** : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control.

(Grower's Standard fertility & crop protection programme)

**Application** : 2 Foliar Applications

@ 0.250 Lt. /Acre.

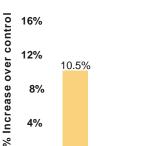
: UPASI EXPTL FARM Location

VALPORAI,

COIMBATORE DIST.

**INDIA** 

**Test Year** : 1995 - 96, 97, 98 **IMPROVED TEA YIELD** 



Yield of Tea

20%

4%

0%

Researcher's Conclusion

"Foliar Application of Perfectose showed significant increase in yield of Tea"

### PRIYA CHEMICALS

2, LARISSA, 396-B, Off: S. Temple Rd., Mahim, Mumbai - 400 016.India Tel: 91-22-2444 9379, 2446 0419/20 FAX: 91-22-2444 9459 E Mail : angle@vsnl.com Website : http://www.priyachem.com



# PRONTO ON CHILLIES

(Effect on delay of leaf Curl Disease)

### **Key Results**

- 1) 35.6% increase in Total Weight yield
- 2) 47.7% increase in Height
- 3) 10.10% Reduction in upward & downward leaf curling
- 4) Delayed incidence of Leaf Curl Disease
- 5) Improved Fruit storage quality



#### **PROTOCOL**

**Test Crop** : Green Chilli (Sankeshwar)

**Treatment** : PRONTO

> (Amino Acid & Sea Weed extract Based Biostimulant) Foliar Application Carried out over

control.

(Growers standard fertility & crop

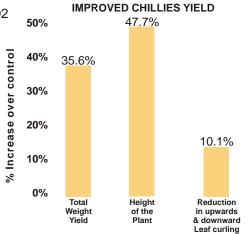
protection programme)

**Application** 2 Foliar Applications 250 ml/Hectare Location : University of Agri. Sciences, Dharwad

> Agri. Research Station, SANKESHWAR,

KARNATAKA - INDIA

**Test Year** : 2000 - 2001, 2001 - 2002



#### Researcher's Conclusion

"Foliar Application of PRONTO was more effective in increasing growth & yield per hectare of Green Chilies & delays incidence of Leaf Curl Disease & improved the storage shelf life."



# PRONTO ON TEA

### **Key Results**

1) 22% Increase in yield of Green Leaf



### **PROTOCOL**

Test Crop : TEA

Variety Manipuri Dongri

**BETJAN (Mixed seed variety)** 

Treatment : PRONTO

(Amino Acid & Sea Weed Extract based Biostimulant) Foliar Application carried

out over control.

(Grower's Standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

40 ml./Acre.

**Location**: Khetojan Tea Estate,

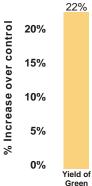
Dist Tinsukia, Assam.

INDIA

Test Year : 1999







25%

Researcher's Conclusion

"Foliar Application of Pronto showed significant increase in yield of Tea"



# PRONTO ON TOMATO

### **Key Results**

- 1) 16.4% increase in fruit per plant
- 2) 37.5% increase in wt. of fruit.
- 3) 38.0% increase in yield per Acre.



#### **PROTOCOL**

Test Crop : Tomato

Variety S - 22

Treatment : PRONTO

(Amino Acid & Sea Weed Extract based Biostimulant)

Foliar Spray carried out over control.

(Grower's Standard fertility

& crop protection programme)

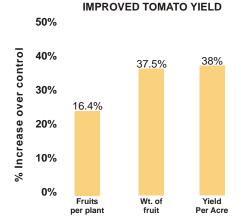
**Application**: 3 Foliar Applications

@ 100ml/A

Location : Dist Pune

MAHARASHTRA INDIA.

**Test Year** : 1994, 95, 96



#### Researcher's Conclusion

"Foliar Application of Pronto was very effective in increasing fruit wt., No. of fruits per plant & yield of Tomato per hectare. It improved the storage shelf life of Tomato"



# PERFECTOSE ON IRRIGATED WHEAT

### **Key Results**

- 1) 6% increase in yield
- 2) 8 % increase in wt. of grains.
- 3) 28.4% increase in No. of Tillers.



### **PROTOCOL**

Test Crop : Wheat

Variety, AKW - 1071

Treatment : PERFECTOSE

(Amino Acid based Biostimulant)

Foliar Application carried

out over control.

(Grower's Standard fertility & crop protection programme)

**Application**: 2 Foliar Applications

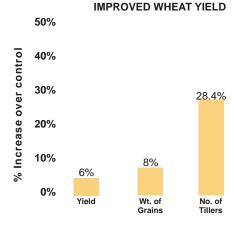
@ 0.250 Lt. /A.

**Location** : Agriculture University

AKOLA, MAHARASHTRA.

INDIA

**Test Year** : 1993, 94, 95



### Researcher's Conclusion

"Foliar Application of Perfectose showed significant increase in yield of wheat."