



Tamil Nadu Agricultural University
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To
The Editor,

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Sir,

I request that the following matter may kindly be published in your esteemed daily:

TNAU Developed more Crop Boosters to improve yield, Growth and Quality of Crop

The Department of Crop Physiology, Tamil Nadu Agricultural University (TNAU), Coimbatore has the credit of production and distribution of TNAU Coconut Tonic to the coconut growers in Tamil Nadu and adjoining states of Kerala, Karnataka and Andhra Pradesh for the last eight years. Following the success of TNAU Coconut Tonic, the Department of Crop Physiology has developed few more crop boosters to improve yield in pulses, sugarcane, cotton, maize and groundnut. These boosters increase the growth, yield and quality of crop. The following boosters are available in this Department throughout the year.

TNAU COCONUT TONIC

A tonic with nutrients and growth regulators for Coconut

Benefits

- ❖ Increases chlorophyll content and greenness of leaves
- ❖ Improves photosynthetic efficiency of leaves
- ❖ Decreases button shedding
- ❖ Increases number and size of nuts
- ❖ Increases nut yield up to 20 per cent
- ❖ Increases longevity and vigour of the palm
- ❖ Imparts resistance to pests, diseases and environmental stresses
- ❖ Increases drought tolerance

Application

- ❖ Root feeding of the tonic @ 200 ml / tree - twice per year at six months interval
- ❖ Cost (for Concentrate Tonic*) :

Description	1 litre (25 trees)	2 Litres (50 Trees)	5 Litres (125 Trees)	10 Litres (250 Trees)	20 Litres (500 Trees)
Cost of Tonic (Rs.)	250/-	500/-	1,250/-	2,500/-	5,000/-
Cost of Can (Rs.)	10/-	15/-	45/-	70/-	130/-
Forwarding Charges (Rs.)	45/-	45/-	50/-	55/-	65/-
Total (Rs.)	305/-	560/-	1,345/-	2,625/-	5,195/-

* One litre of concentrate tonic can be diluted with four litres of water to make five litres of tonic.

TNAU PULSE WONDER

A booster with nutrients and growth regulators for Pulses

Benefits

- ❖ Decreases flower shedding
- ❖ Increases yield up to 20 per cent
- ❖ Increases drought tolerance

Application

- ❖ Dose : 2.0 kg / acre
- ❖ Spray volume : 200 litres
- ❖ Stage of spray : Peak flowering
- ❖ Add adequate quantity of wetting agent
- ❖ Cost : Rs. 200 / kg

TNAU GROUNDNUT RICH

A booster with nutrients and growth regulators for Groundnut

Benefits

- ❖ More flower retention
- ❖ Improves pod filling
- ❖ Increases pod yield up to 15 per cent
- ❖ Improves drought tolerance

Application

- ❖ Dose : 2 kg / acre (2 sprays)
- ❖ Spray volume : 200 litres
- ❖ Stages of spray : Peak flowering and pod development
- ❖ Add adequate quantity of wetting agent
- ❖ Cost : Rs. 200 / kg

TNAU COTTON PLUS

A booster with nutrients and growth regulators for Cotton

Benefits

- ❖ Reduces flower and square shedding
- ❖ Improves boll bursting
- ❖ Increases seed cotton yield up to 18 per cent
- ❖ Increases drought tolerance

Application

- ❖ Dose : 2.5 kg / acre (2 sprays)
- ❖ Spray volume : 200 litres
- ❖ Stages of spray : Flowering and boll formation
- ❖ Add adequate quantity of wetting agent
- ❖ Cost : Rs. 200 / kg

TNAU SUGARCANE BOOSTER

A booster with nutrients and growth regulators for Sugarcane

Benefits

- ❖ Enhances cane growth and weight
- ❖ Improves internodal length
- ❖ Improves cane yield up to 20 per cent
- ❖ Improves sugar content
- ❖ Increases drought tolerance

Application

- ❖ Dose : 1, 1.5 and 2 kg / acre at
- ❖ Stages of spray : 45, 60 and 75 days after planting respectively
- ❖ Spray volume : 200 litres
- ❖ Add adequate quantity of wetting agent
- ❖ Cost : Rs. 350 / kg

TNAU MAIZE MAXIM

A booster with nutrients and growth regulators for Maize

Benefits

- ❖ Improves grain filling
- ❖ Increases grain yield up to 20 per cent
- ❖ Improves drought tolerance

Application

- ❖ Dose : 3 kg / acre (2 sprays)
- ❖ Spray volume : 200 litres
- ❖ Stages of spray : Tassel initiation and grain filling stages
- ❖ Add adequate quantity of wetting agent
- ❖ Cost : Rs. 300 / kg

For further details, contact

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