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NATIONAL & INTERNATIONAL BIO-EFFICACY TRIALS OF PRATHISTA ORGANIC FERTILIZERS

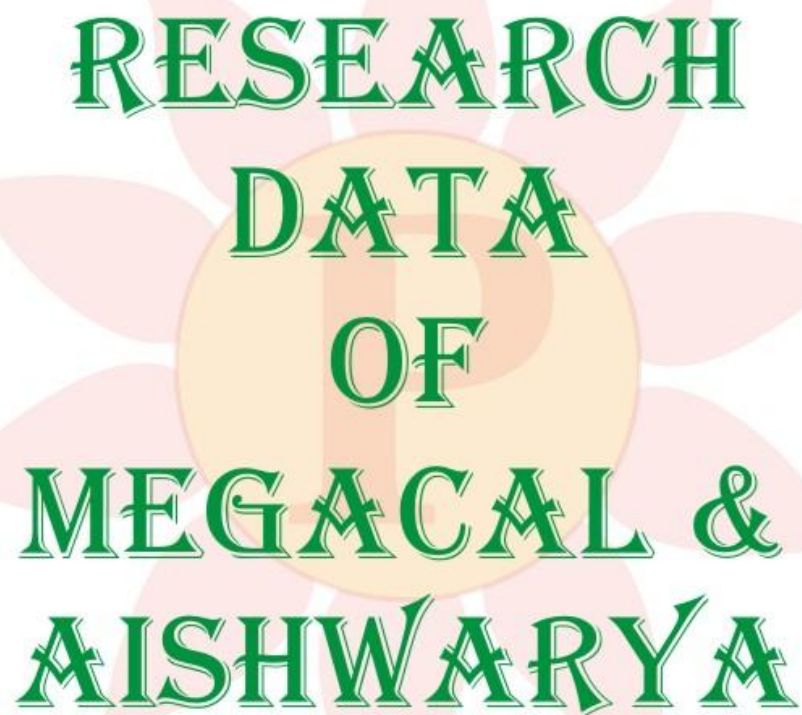


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1-5-1015 / 80 & 81, Father Balaiah Nagar, Manjeera Nagar Colony, Old Alwal,
SECUNDERABAD - 500 010, Ph: +91 40 2797 4989, Fax: +91 40 2797 6650

Email: info@prathista.com, Web: www.prathista.com



**RESEARCH
DATA
OF
MEGACAL &
AISHWARYA**



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Bio-Efficacy Trails of
PRATHISTA ORGANIC FERTILIZERS

Bio-Efficacy Studies of Megacal on Onion (*Allium cepa*)

Dr. V.S.R. Krishna Prasad, National Research Centre for Onion and Garlic (NRCOG)
Rajguru Nagar, Dist. Pune (MS), India

Objective : To study the effect of Megacal on growth and yield of Onion

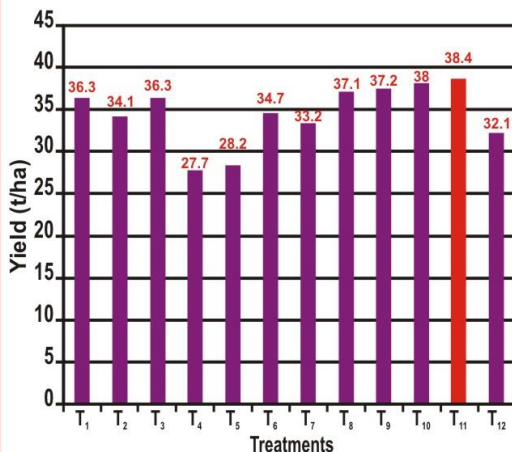


TREATMENTS

T ₁	Megacal @ 25 kg/ac at planting.
T ₂	Megacal @ 2-3ml/L as foliar application at 30 DAP.
T ₃	Megacal @ 2-3ml/L as foliar application at 45 DAP.
T ₄	Megacal @ 2-3ml/L as foliar application at 60 DAP
T ₅	Megacal @ 2-3ml/L as foliar application at 30 & 45 DAP.
T ₆	Megacal @ 2-3ml/L as foliar application at 30, 45 & 60 DAP
T ₇	Megacal @ 25kg/ac + Megacal 2-3ml/L as foliar application at 30 DAP.
T ₈	Megacal @ 25kg/ac + foliar application at 45 DAP.
T ₉	Megacal @ 25kg/ac + foliar application at 60 DAP
T ₁₀	Megacal @ 25kg/ac + foliar application at 30 & 45 DAP
T ₁₁	Megacal @ 25kg/ac + foliar application at 30, 45 & 60 DAP
T ₁₂	Control

RESULTS

- Soil application of Megacal Granules @ 25Kg/ha along with foliar application of Megacal Liquid @ 2-3ml at 30, 45 & 60 Days (T₁₁) after transplanting resulted in increased plant height (56.5cm) and No. of leaves (10).
- The Equatorial Bulb diameter ranged from 3.23 cm (T₂) - 4.09 cm (T₁) and Polar diameter ranged from 3.24 cm (T₂) - 4.36 cm (T₁₀).
- Treatment T₁₁ resulted in Higher bulb weight (65.2 g) and also maximum yield (38.4 t/ha) compared to other treatments. Lowest bulb weight and yield was recorded in treatment T₄.





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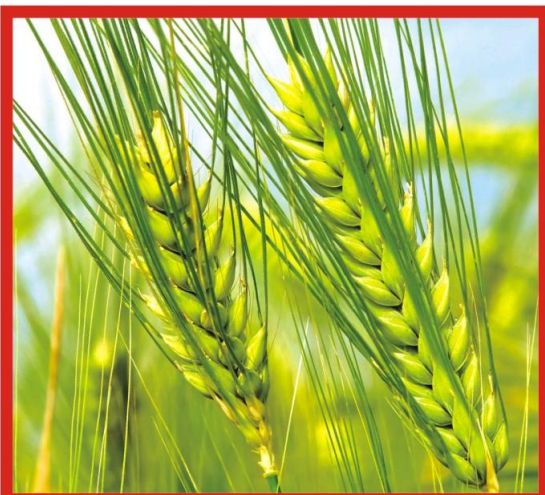


Bio-Efficacy Trails of
PRATHISTA ORGANIC FERTILIZERS

Effect of Different doses of Aishwarya Organic Manure on the growth and yield of irrigated Wheat (*Triticum aestivum*)

Dr. S. P. Singh, Narendera Deva University of Agriculture & Technology,
Faizabad, Uttar Pradesh

Objective : To study the effect of Aishwarya Organic Manure on the growth and yield of irrigated Wheat



TREATMENTS

T ₁	Control
T ₂	Aishwarya 50 kg/ha
T ₃	Aishwarya 100 kg/ha
T ₄	Aishwarya 125 kg/ha
T ₅	Aishwarya 150 kg/ha
T ₆	Aishwarya 175 kg/ha

RESULTS

- Treatment T₄ recorded almost 100% increase yield over control.
- Treatment T₄ (125Kg/ha - 3.8t/ha) recorded on par yield with treatment T₅ (150Kg/ha - 3.9 t/ha) and T₆ (175Kg/ha - 4 t/ha).
- Hence an optimum dose of 125 kg/ha of Aishwarya can be recommended for achieving maximum grain yield.

