



# FERTIGREEN-K<sup>TM</sup>

Potash Rich Organic Manure (KROM) is a green chemistry potash fertilizer, a value-added product based on electron Synthesis Technology and produced by co-compositing various organic wastes with ash. Phosphates play a vital role in the balanced nutrition of plants. Most of the soils in India are low to medium in phosphate (P) content which requires external application of P for good harvest. Di-Ammonium Phosphate (DAP) is the undisputed king among the chemical phosphate fertilizers. Excessive application of chemical fertilizer and its high cost have led to the demand for organic agriculture for the health of both soil and consumers. Ministry of Agriculture and Cooperation has now approved the use of PROM and included it under Fertilizer Control Order (FCO).

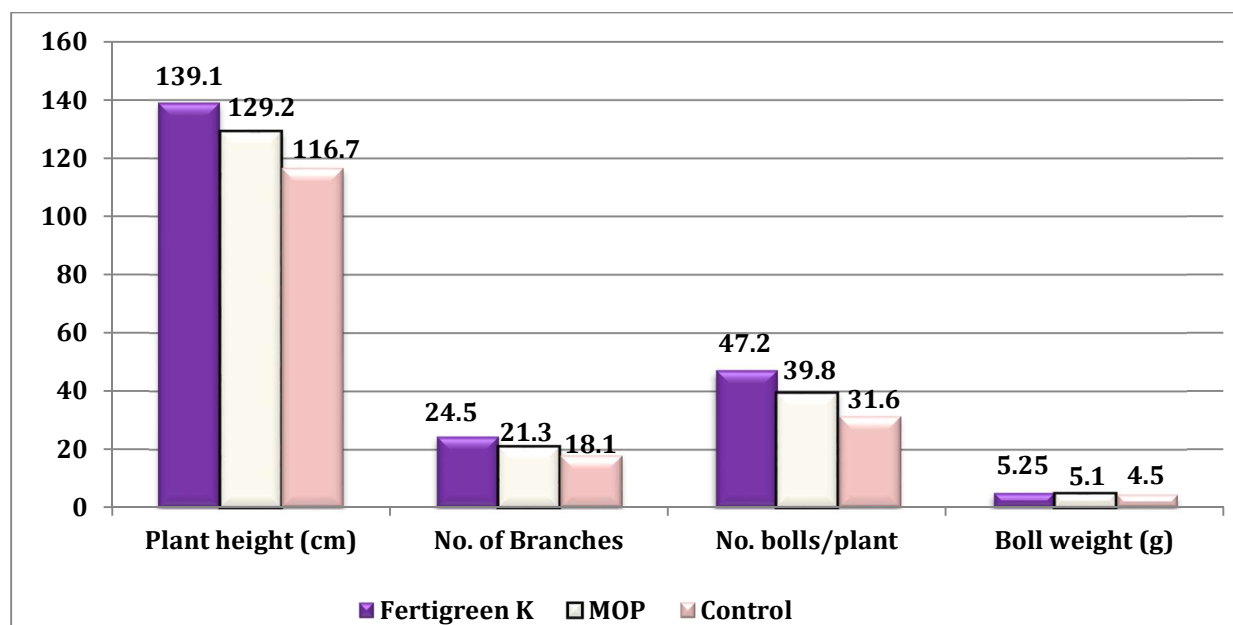
### **An advanced potash fertilizer**

Fertigreen K is new generation potash fertilizer, which is readily available to plant. It fulfills potash requirement of the crops. Fertigreen K is a quality organic potash fertilizer with about 10 % potash, with organic carbon & other essential nutrients like Ca (6 %), Mg (2 %), S (4 %) etc. available as and when required by the plant.

### **Alternative to MOP**

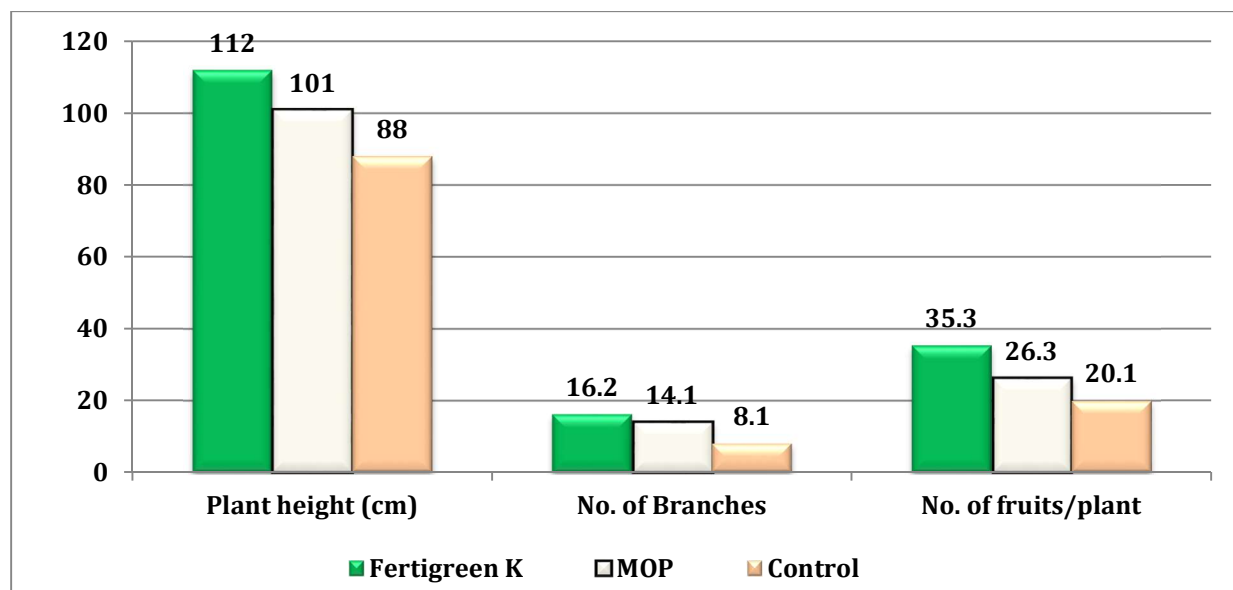
Fertigreen K is the best alternative to synthetic chemical fertilizers such as MOP and other chemical potash fertilizers. Excessive use of chemical fertilizers causes soil and consumer health problems hence Fertigreen K is the best source of the potash for all types of soil and crops.

## Effect of Fertigreen K on growth and yield parameters of Bt Cotton



30 DAS	90 DAS	130 DAS
1 <sup>st</sup> Dose	2 <sup>nd</sup> Dose	Result

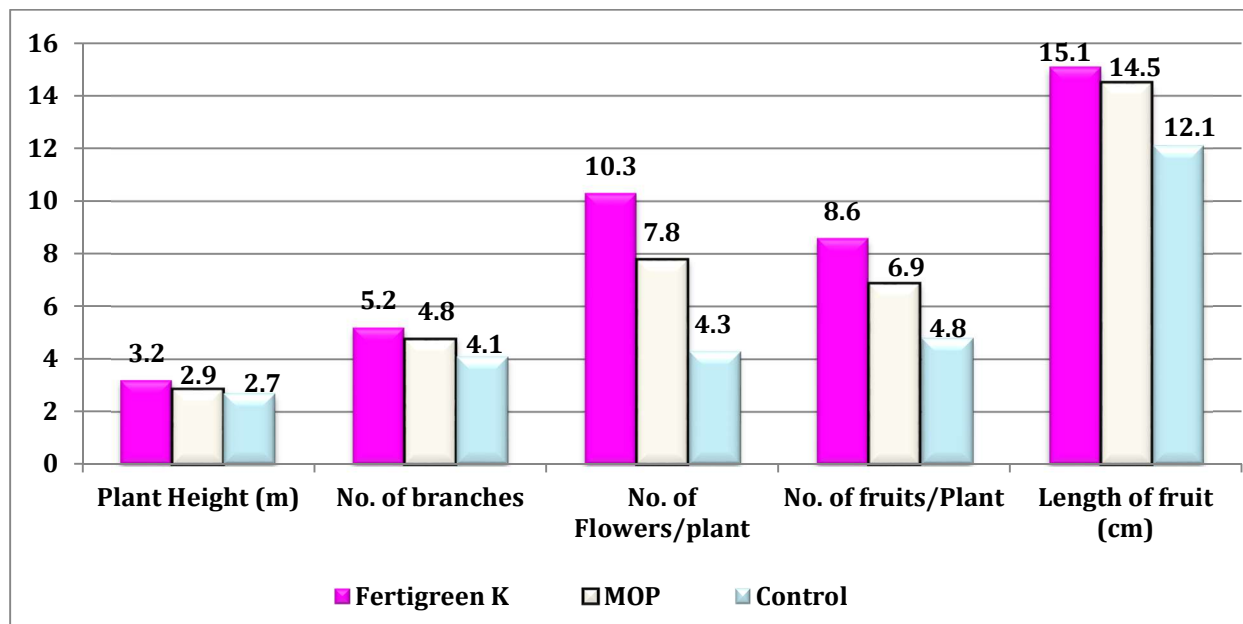
## Effect of Fertigreen K on growth and yield parameters of Tomato



At Transplanting	30 DAT	60 DAT
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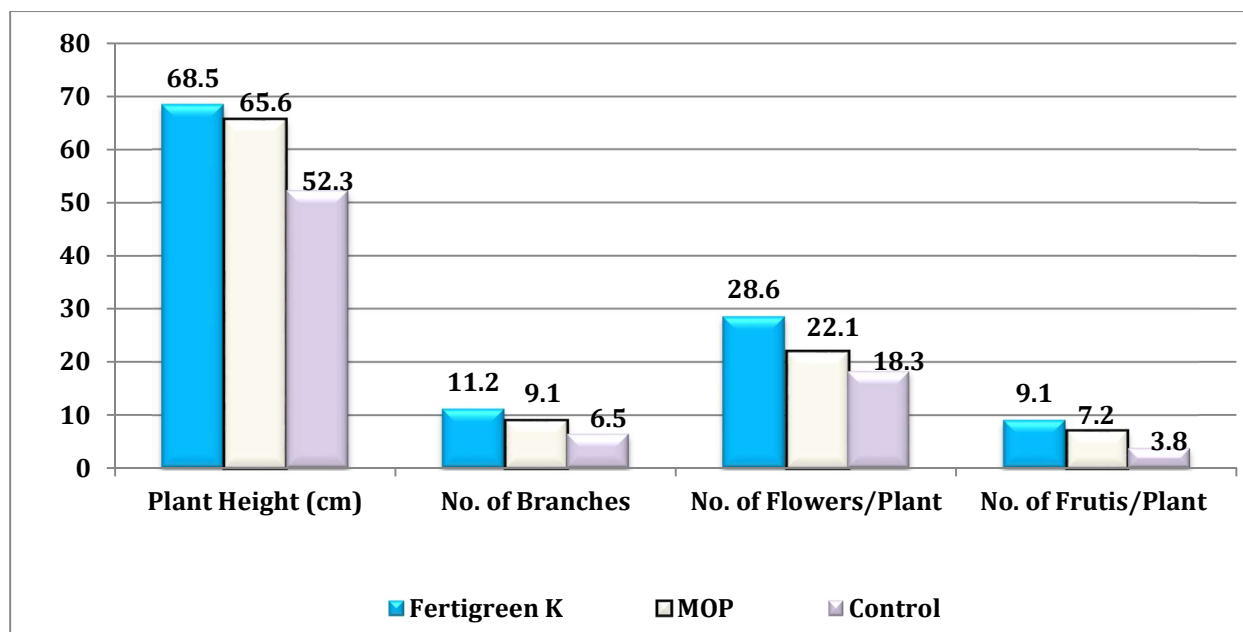
1 <sup>st</sup> Dose	2 <sup>nd</sup> Dose	Result
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### Effect of Fertigreen K on growth and yield parameters of Cucumber



At Sowing	60 DAS
Dose	Result

### Effect of Fertigreen K on growth and yield parameters of Brinjal



At Transplanting	40 DAT	90 DAT
1 <sup>st</sup> Dose	2 <sup>nd</sup> Dose	Result

### **Improves plant growth**

Because of the better availability potash, increases root growth, improves drought resistance, activates many enzyme systems, and reduces water loss and wilting. Potash also improves the metabolic activities of the plant, which ultimately results into better growth and development of the plant.

### **Increases quality production**

Potash increases the yield and quality of the produce in terms of size, weight, colour, test and shelf life. It helps to improve the pest and disease resistance ability of the plant.

### **Cost effective**

Production of KROM is highly cost- effective as it is a low energy process that does not demand high temperature or high pressure (operates at ordinary temperature and pressure), needs no chemical catalyst and does not consume any valuable chemicals. Hence its production cost is low as compared to synthetic fertilizers.

### **Use in conventional, sustainable and organic production systems**

The Fertigreen K can be used in conventional, sustainable & Organic production systems for the improvements in soil & plant health to maximize the yield. Fertigreen K is recognized as fully compliant for use on organic crops.

### **Proven performance**

Many research trials have shown that soil application of Fertigreen K have very significant effects on growth & yield of various crops.

### **Environmental safety**

Being Environment friendly Fertigreen K is Earthworm friendly, pet friendly,

ecofriendly, infant friendly & does not disturb ecological balance.

## **HIGHLIGHTS**

Provides readily available potash to the plants as and when required

Acts as a best alternative to chemical potash fertilizers

Provides micro-nutrients like cobalt, copper, zinc along with primary nutrients

Improves physical, chemical and biological properties of soil

For use in conventional, sustainable and organic production

Environmentally safe

**Be in touch with your Retailer or Green Earth Team member.**

**You can also directly get in touch with us:**

Phone 07104-235144

Email [sales@ncsagri.com](mailto:sales@ncsagri.com)

[www.greenearth.world](http://www.greenearth.world)