REAP®-P
रीप-P

REAP P based on selective strain of Phosphate Solubilizing bacteria which helps to convert insoluble phosphorus in to soluble form and make available to plants. Reap P effectively mobilizes unavailable phosphorous and supplements it to plants to the extent of 20 to 50 kg/ ha, saving up to 25-30% of costly phosphorous chemical fertilizer inputs, making Reap P, safe & effective product for Integrated Nutrition Mission Program (INM).

Reap P; Phosphate solubilising microorganism

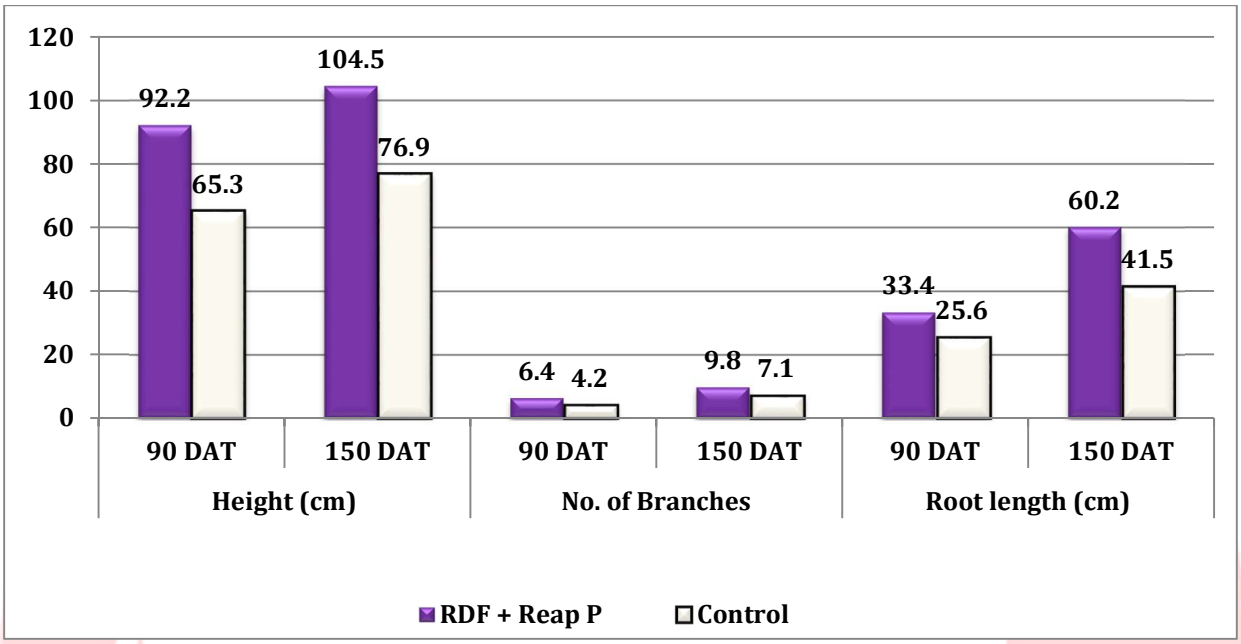
Phosphorus is key element in plant metabolism, soil metabolism and in soil microbiological process. Phosphorus is an essential in seed formation and occurs in large quantities in plant, seed and fruit. Phosphate solubilising bacteria in Reap P is very efficiently solubilizes the insoluble phosphorus in to soluble form which is readily available to plants.

Important in plant growth and development

Phosphorus is the second most critical plant nutrient. While there is an average 20-30 Kg of phosphorus per acre in the soil, it is generally unavailable in the form of phosphates of low solubility. Reap P is most effective for to increase the availability of phosphorus in root zone which can easily utilized by plant for their growth and development. PSB in Reap P also produces substances like Thiomin, Riboflavin,

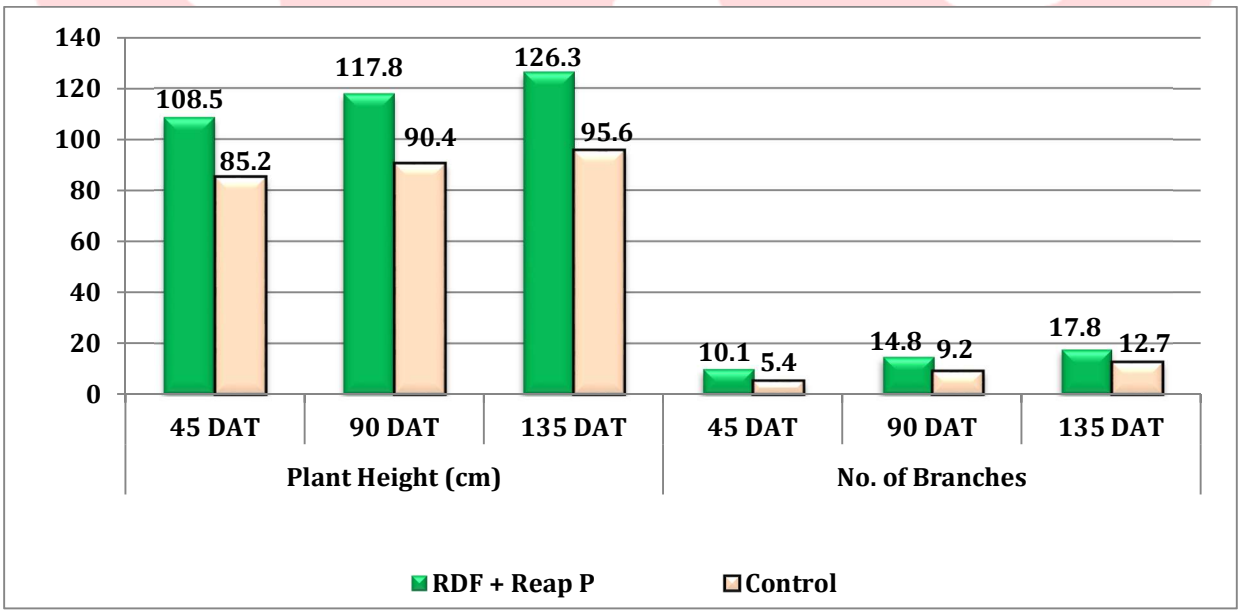
Nicotine, Indol Acetic Acid (IAA) and Gibberellins, which stimulates plant growth, resulting in more crop production.

Effect of Reap P on growth of Brinjal



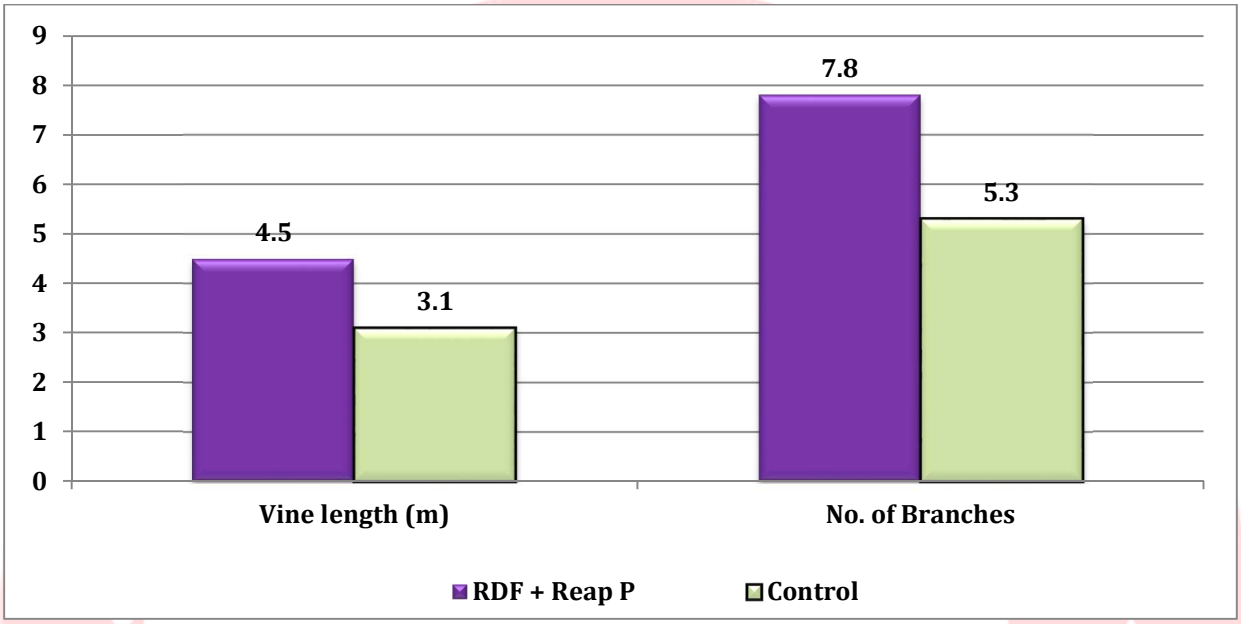
20 DAT	90 DAT	150 DAT
1st Drenching	2nd Drenching & 1st Result	2nd Result

Effect of Reap P on growth of Tomato plant



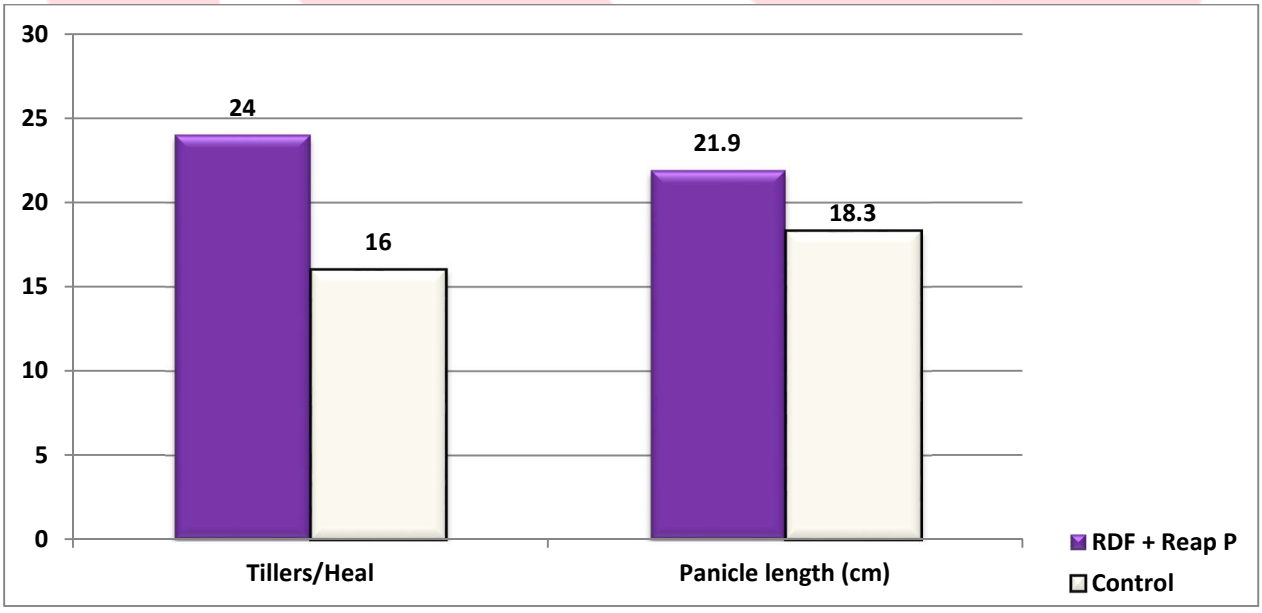
Transplanting	45 DAT	90 DAT	135
Seedling treatment	1st Result	Drenching & 2nd Result	3rd Result

Effect of Reap P on growth of Bitter Gourd plant



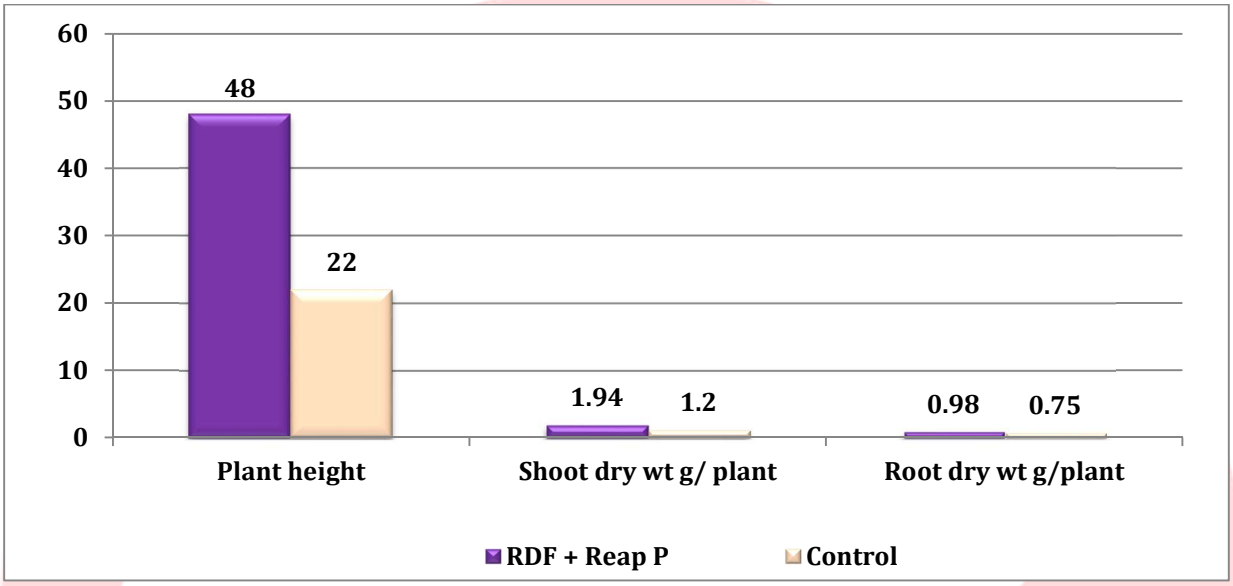
20 DAS	60 DAS	90 DAS
1st Drenching	2nd Drenching	Result

Effect of Reap P on yield parameters of Paddy



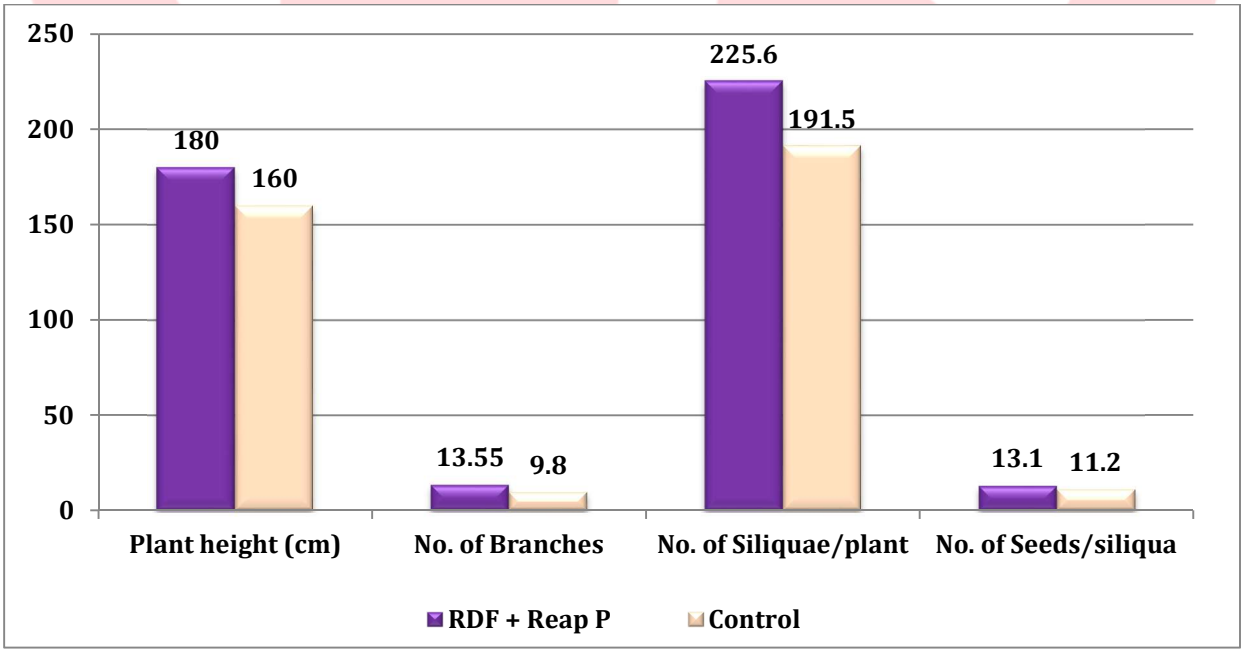
10 DAT	60 DAT
Drenching	Result

Effect of Reap P on growth parameters of Maize



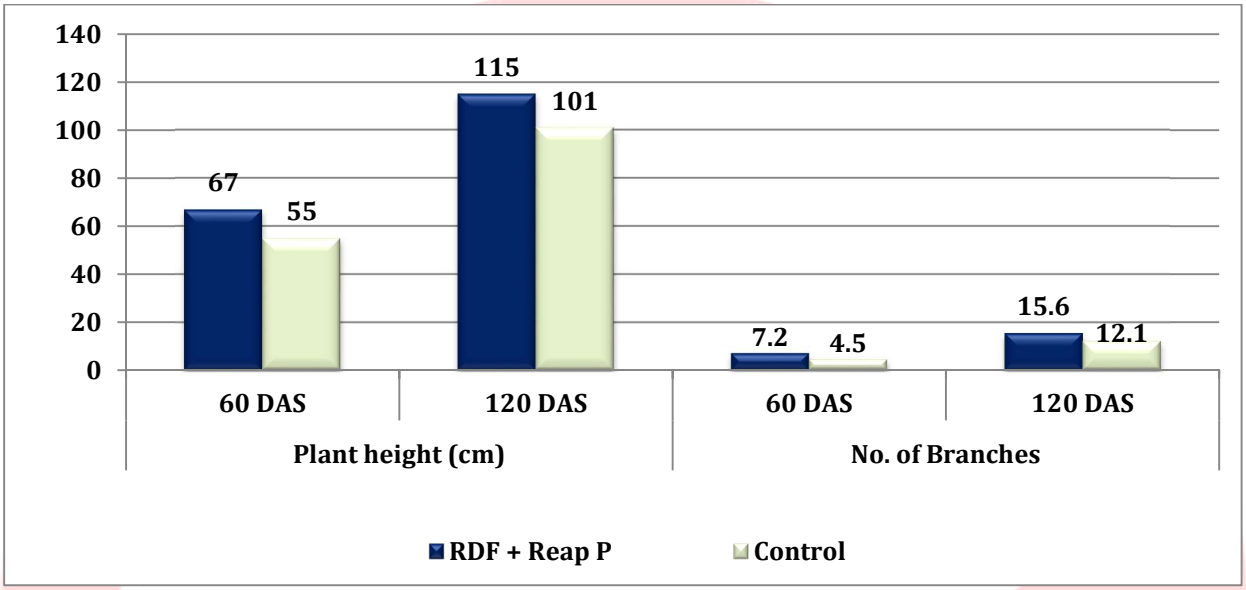
Seed Treatment	30 DAS
Drenching	Result

Effect of Reap P on growth & yield parameters of Mustard



0 Days	60 DAS	At harvest
Seed Treatment	Drenching	Result

Effect of Reap P on Growth of Cotton



0 Days	60 DAS	120 DAS
Seed Treatment	2nd Drenching & 1st Result	2nd Result

Improves soil health

PSB in Reap P secretes organic acids and lower the pH in their vicinity to bring about dissolution of bound phosphates in soil. It avoids soil erosion thereby helping in the conservation and improvement of soil structure and fertility

Use in conventional, sustainable and organic production systems

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

Proven performance

Many research trials have shown that soil application of Reap P have very significant effects on growth & yield of various crops

Environmental safety

Reap P is Earthworm friendly, pet friendly, ecofriendly, infant friendly & does not disturb ecological balance.

HIGHLIGHTS

It solublize the insoluble phosphate to soluble phosphate to the level of 25-50 kg per hectare

It helps to reduce the amount of synthetic Phosphatic fertilizer usage

Reap P increases seed germination, root & shoot length resulting in vigorous plant growth

It improves the plant vigor and health

Help to improve the soil health

Helps to increase the crops yield

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,

www. greenearth.world