

Field Trials with the Organic Fertilizer "RainGrow"

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Fertilizing different plants with "RainGrow 4-2-3" at label rate should result in excellent plant quality, flower production and fruit production.

The conclusion comes from independent field trials conducted during the 2000 and 2001 seasons. Each trial was set-up in a replicated block design and results were analysed for statistical significance. RainGrow is a liquid fertilizer derived from composted certified organic chicken manure and manufactured by Bioz Agri Products in Oliver, B.C.

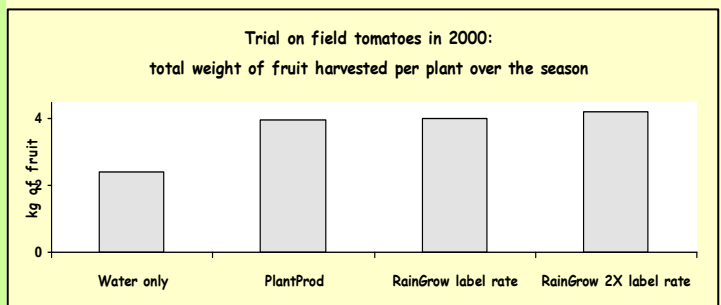


Container grown flowers

- ✓ Five different flowering plants were potted in a peat moss mix and grown in a greenhouse in Westbank, B.C.
- ✓ Treatments included a water control, "RainGrow 4-2-3", and the product "PlantProd for Flowering Plants 15-30-15".
- ✓ For each flower tested, plants fertilized with "RainGrow" had more growth and more flower buds than plants not fertilized, and results were comparable to plants fertilized with "PlantProd for Flowering Plants".
- ✓ *Suggested use of "RainGrow" on potted flowers: Mix 15 ml of product in 1 liter of water and apply 45 ml of solution per pot, every two weeks or as needed.*

Field grown tomatoes

- ✓ The trial was located on a commercial tomato farm in Oliver, B.C.
- ✓ Treatments included an unfertilized control, "RainGrow 4-2-3" at different rates, and the product "PlantProd Tomato Fertilizer 15-15-30". Tomatoes showing red colour were harvested twice weekly.
- ✓ Using RainGrow at label rate gave excellent results for total production over the season, average size of tomato fruit, and rotting fruit.
- ✓ *Suggested use of "RainGrow" in tomato gardens: Mix 45 ml of product in 4 liters of water and apply at the base of the plant, every week or every 2 weeks. Using more product results in smaller fruit.*



Container grown roses

- ✓ Bare root roses were potted in a peat-moss mix and grown in a commercial nursery near Kelowna, B.C.
- ✓ Treatments included a water control, "RainGrow 4-2-3" at different rates, and the product "Vigoro Premium Rose Food 15-5-13", approved by the American Rose Society. Flower buds were counted monthly.
- ✓ Plants fertilized with RainGrow at label rate had flower production, leaf colour and nutrient status that were much superior to plants not fertilized, and comparable to plants fertilized with Vigoro Rose Food.
- ✓ *Suggested use of "RainGrow" on rose bushes: Mix 45 ml of product in 4 liters of water and apply near the plant in early spring, then every 2 weeks. Do not feed late in the season to prevent winter damage.*