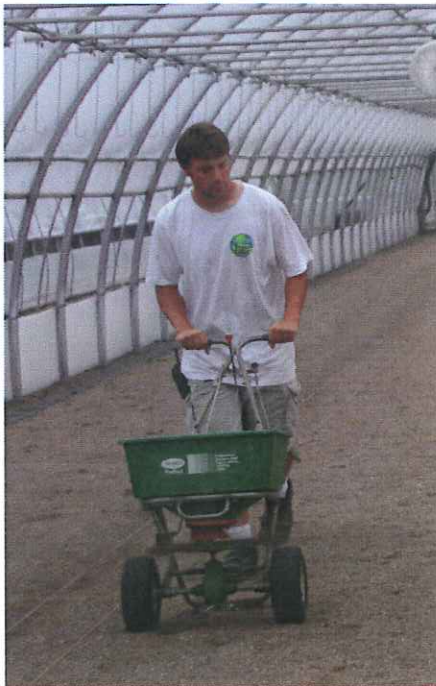


Sustane Organic 8-4-4 Applied for Bare Root Production Rooting of Deciduous and Herbaceous Plant Cuttings Result in 25% Cost Savings* compared to 21-7-7 Liquid Feed

Bailey Nurseries, Inc., one of the largest bare root growers in the world, established an experiment in 2008 at its Nord Farm greenhouses in Minnesota to evaluate Sustane organic fertilizer treatments for use in bare root production. As Sustane provided plant growth and quality comparable to conventional liquid feed but at significantly lower cost, Sustane 8-4-4 use has been expanded to treat over 180,000 sq. ft. of commercial growing area in 2010.



Bailey Nurseries, Inc. Nord Farm Propagation greenhouses Hastings, Minnesota



Top dressed two weeks after planting, Sustane 8-4-4 is applied at 8.34 lb. per 1,000 sq. ft. in five week intervals. Crops planted in June receive three applications and July planted crops receive two applications before plants are allowed to harden off for mid-November harvesting and cold storage.

- Sustane 8-4-4 Replaces Liquid Feed and results in more efficient nutrient uptake
- Concentration of humic substances and micronutrients promotes rooting
- Sustane provides lower environmental impact due to decreased nitrate leaching in solar-sterilized sand growing beds.

*\$88 per 100 lb. 21-7-7 liquid feed applied every 3 - 4 days (27 lb/1,000 sq. ft. per year) vs. \$65 per 100 lb. Sustane 8-4-4 applied every 35 days (24 lb/1,000 sq. ft. per year)

< L: 2008 Sustane organic fertilizer experiment initially applied before planting.

R: Planting bare root propagation beds in sand. >



Bailey Nurseries, Inc. Propagation Greenhouses Yamhill, Oregon



Freeman Maple rooted cuttings at Bailey Yamhill, Oregon August 25, 2010 approx. 8 weeks after planting

Sustane 4-6-4 Liquid Fertilizer Sustane 8-4-4



Sustane 8-4-4 and 4-6-4 are registered trademarks of Sustane Natural Fertilizer, Inc, and are listed by the Organic Material Review Institute as Allowed for use in the production of certified organic crops. Visit www.sustane.com or call 1-800-352-9245 for more information.

