

Sweet Potato. (*Ipomoea batatas*).
Applications of CarboMaxx
Yield Increase

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Application of CarboMaxx Enhances Sweet Potato Yields, 2011.

A grower-applied demonstration plot was conducted in 2011 to evaluate the effects of CarboMaxx on sweet potato yield and tuber formation. CarboMaxx is a liquid carbon soil conditioner designed to aid in the formation of soil particles and aid in helping build organic matter in soils. CarboMaxx contains natural humic acids and improves nutrition in many crops. CarboMaxx also helps relieve plant stresses when applied as a soil amendment or mixed with fertilizer. Natural bio-stimulants found in CarboMaxx improve the availability of nutrients in the soil, particularly phosphorus and micronutrients in marginal soils.

The grower set up the field in Bailey, NC using a large split field design, treating half the sweet potato field with CarboMaxx and leaving the other half as an untreated check. CarboMaxx was applied and incorporated 1-2qts before planting. Over the course of the growing season no visual differences were observed (Fig 1.). When the cooperators dug the sweet potatoes, he saw more uniformity and less jumbos where he used the CarboMaxx (Fig 2.).



Figure 1. No visual difference in sweet potato growth and development was observed.



Figure 2. At digging, the CarboMaxx treated sweet potatoes were more uniform in size and there were less jumbos.

CarboMaxx is a product of Coastal AgroBusiness, 3708 Evans Street, Greenville NC 27834