

BRANDT Specialty Fertilizers Help Grower Set New World Record for Soybean Yield

Georgia Grower, Randy Dowdy, Produces 171.8 Bushel per Acre Soybeans



**NEW Soybean
World Record:
171.8 Bu/Ac**

BRANDT, a leading agriculture retailer and manufacturer of specialty Ag products, has announced that its new proprietary nutrition products were a key part of Randy Dowdy's 2016 soybean fertility program and were among the crop inputs credited with helping set the new world record for soybean yield.

Randy Dowdy is a well-known local and national yield champion and consultant for corn and soybean production. BRANDT has been working with Dowdy over the last few years, with the goal of helping him elevate his corn and soybean nutrition program to maximize quality and yield. BRANDT worked with Dowdy on a fertility program for his 3.15 acre soybean test plot for the 2016 Georgia Soybean Production Contest.

BRANDT products used in Dowdy's 2016 soybean fertility program include: BRANDT Smart Quatro® and Manni-Plex® high performance foliar nutrients; and N-Boost® 5 bio yield enhancer. These products are part of BRANDT's core soybean nutrition program designed to help soybeans reach their full genetic potential.

University of Georgia oversees the Georgia Soybean Production Contest.

A Fertilizer Recipe for Success

BRANDT Smart Quatro®

New, high performance foliar containing zinc, manganese, sulfur and a highly efficient new form of boron. Designed for compatibility with new, pending seed traits and herbicides.



BRANDT N-Boost® 5

Patented, bio yield enhancer that is naturally derived from a sugarcane fermentation extract. Helps boost nitrogen uptake and use, for enhanced quality and yield.



Manni-Plex® B-Moly

Proprietary foliar boron and molybdenum formulation that gets into plant growing points quickly for maximum uptake. Nutrients help nitrogen use, root nodule formation and pod set fill.



To learn more, contact BRANDT at 800 300 6559 or email info@brandt.co

Soybean Nutrition Program

Used by Soybean Yield World Record Champion, Randy Dowdy

Application Timing	Product	Application Rate	Application Purpose
At Planting	BRANDT® SEQUESTAR® EDTA'S	32 oz/ac	Applying chelated zinc and manganese EDTA nutrients at planting helps establish root systems and promotes early growth.
V3-R3 stage	BRANDT SMART QUATRO®	32 oz/ac	Delivers zinc, manganese, boron and molybdenum to plant growing points; which aids in cell division and structural development, root nodulation formation and nutrient uptake.
	N-BOOST® 5		Improves nutrient utilization and uptake.
Pre-Bloom	MANNI-PLEX® B MOLY N-BOOST® 5	32 oz/ac 32 oz/ac	Boron aids in flowering and pod set. Molybdenum is critical to nitrogen metabolism and protein formation, which are necessary for plant growth.
	BRANDT® NURTURE® CRN 30-0-0	3-5 gal/ac foliar; OR 6-10 gal/ac through pivot	Controlled release nitrogen promotes steady growth.
Pod Fill	BRANDT REACTION® 2-9-6 LS	4-5 gal/ac through pivot	Provides an efficient and protected source of sulfur, which aids protein synthesis.
	BRANDT® SMART B-MO™	32 oz/ac	Boron and molybdenum promote pod fill and help prevent pod abortion.
With herbicide, insecticides and fungicide applications	BRANDT SMART TRIO®	16 oz/ac	Zinc, manganese and boron aid herbicide metabolism; and help relieve crop stress.

Product	Analysis/ Description
BRANDT® SEQUESTAR® EDTA'S	See www.brandt.co for a full list of BRANDT SEQUESTAR formulations.
BRANDT SMART QUATRO®	1.5% S, 2.0% B, 3.0% Mn, 0.1% Mo, 3.0% Zn.
N-BOOST® 5	5.0% N.
MANNI-PLEX® B MOLY	3.3% B, 0.5% Mo.
BRANDT® NURTURE® CRN 30-0-0	30.0% N.
BRANDT REACTION® 2-9-6 LS	2.0% N, 9.0% P ₂ O ₅ , 6.0% K ₂ O, 1.0% S.
BRANDT® SMART B-MO™	5.0% B, 0.5% Mo.
BRANDT SMART TRIO®	4.0% N, 3.0% S, 0.25% B, 3.0% Mn, 3.0% Zn.

This information is to be used only as a guide. Local conditions such as soil properties, agronomic practices, weather and varieties should be taken into account when interpreting this table. The suggested foliar applications are designed to compliment your nutrition program.

For more information, contact BRANDT at 800 300 6559 or info@brandt.co

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