

SEED+TM GRAPHITE

A VERDESIAN NUE SOLUTIONTM

Enhanced seed application + nutrition.

NUTRITIONAL SUPPLEMENT FOR SEED

Developed with Cytozyme's proprietary technology, **SEED+ GRAPHITE** is a nutritional seed treatment designed to support seedling vigor, emergence and better tolerate the effects of abiotic stress to improve yield and quality of crops. Its multiple modes of action and multi-disciplinary approach help plants treated with SEED+ GRAPHITE perform better.

Dry powder formulation for on-farm application to seed in the planter box, with 7% graphite material.

SEED+ GRAPHITE

- Dry powder formulation for on-farm application to seed in the planter box
- Provides essential nutrients for development of strong roots and shoots
- Supports root hair growth
- Helps seedlings survive harsh environmental conditions
- Aids seedling vigor

SEED+ GRAPHITE PERFORMANCE (BASED ON SEED+ RESULTS)

- Increased root and shoot growth¹
- Improved yields²
- Improved yield under drought conditions³

RESULTS WITH SEED+ GRAPHITE ARE EXPECTED TO BE THE SAME AS RESULTS SEEN WITH SEED+

SEED+ increased soybean yields by 12.5%, corn yields by 6.7% and winter wheat yields by 7.7% on average.

METHOD OF APPLICATION

SEED+ GRAPHITE can be conveniently applied directly to seeds in the planter box at the time of planting (see product label for details)

RATE OF APPLICATION

Seed Treatment: Corn: 8 oz/cwt of seed (4 oz/unit); Soybean: 4 oz/cwt of seed (2 oz/unit); Winter Wheat: 4 oz/cwt of seed (See product label for details and applications to other crops)

SEED+ GRAPHITE is intended as a supplement to a regular fertilizer program and will not by itself provide all of the nutrients normally required by plants



REGION

All



CROP

Corn, Soybeans, Alfalfa



TIMING

Seed Treatment



RATE

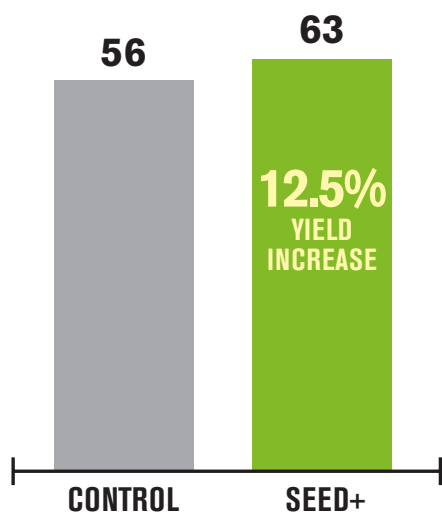
Corn: 8oz per 100lbs of seed or 4oz per unit
Soybean/Alfalfa: 4oz per 100lbs of seed or 2 oz per unit



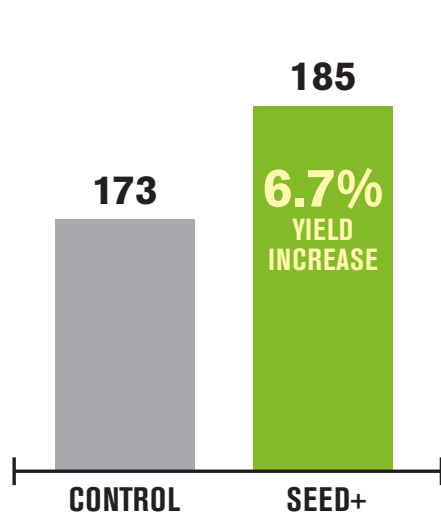
PACKAGE

25lb tubs

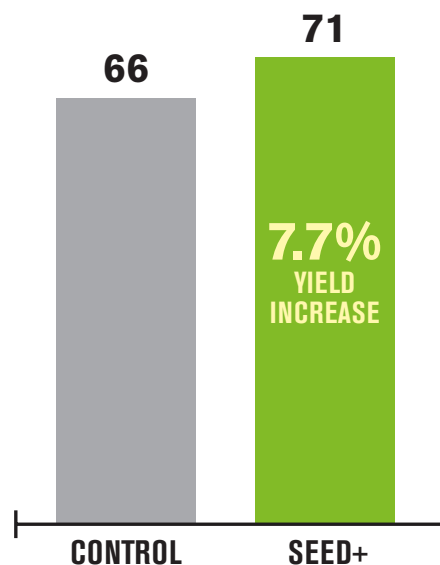
**SEED+ INCREASED
SOYBEAN YIELD (BU/A)**



**SEED+ INCREASED
CORN YIELD (BU/A)**



**SEED+ INCREASED
WINTER WHEAT YIELD (BU/A)**



Source: Technical Data Report Review: Soybean, Volume 2 (3) 2012 (IRF, USA); Corn, Volume 2 (2) 2012 (IRF, USA); Wheat, Volume 2 (7) 2012 (IRF, USA)

SEED+ ON CORN

SEED+



CONTROL



10%
YIELD
INCREASE

SEED+
demonstrated
an average
10 percent
yield increase
across 300 trials
in 16 countries
over 15 years.

1. Effects of Cytozymes Dry Seed+ on Nutrient Content, Seedling Vigor and Crop Yield of Corn. Researchers: Feliks Furmanov³, Liang J. Li¹, Jess R. Martineau² and Elizabeth M. Wozniak³; ¹Chemistry Department, ²Technical Support Department, ³Research and Development Department, Cytozyme Laboratories, Inc. Plant Nutrition for Sustainable Agriculture, Volume 3, No. 1. 2010 • 2010. Printed in the USA.
 2. Evaluation of Seed+ Extra Application on Production of Dryland Corn. Prepared by Pawel Wiatrak, Ph.D., Director of Technical Services, TDR • CORNUSCO1404
 3. Evaluation of Seed+ Extra Application with and without Starter Fertilizer on Production of Irrigated Corn. Prepared by Pawel Wiatrak, Ph.D., Director of Technical Services, TDR • CORNUSCO1201
3. Effect of Seed+ Extra and Crop+ on Yield in a Soybean Irrigation Trial. Prepared by Pawel Wiatrak, Ph.D., Director of Technical Services, TDR • SBEAUSUT1701