

Corn Yield Optimization Program

The key to corn yield optimization is a well balanced fertility plan. Soil testing should be done before planting. Assessing plant nutrition during the growing season through tissue testing is also recommended.

Application Timing	Product	Application Rate	Application Purpose
PRIMARY Pre-plant	BRANDT® SEQUESTAR 9% Zn	1- 2 qts/ac with starter	Promotes early growth and healthy root systems which will establish the plant quicker.
PREMIUM With glyphosate or other post-emergent herbicides	BRANDT SMART TRIO® BRANDT SMART Mn BRANDT SMART Zn <i>plus</i> N-BORON® or MANNI-PLEX® B-MOLY	1- 2 qts/ac 1 qts/ac	Effectively delivers B, S, N, Mn which aid in herbicide metabolism, photosynthesis and plant respiration. Contains Zn, which aids in chlorophyll production as well as root and shoot growth. B is essential to protein synthesis, seed and cell wall division, and development. The higher the sand content of the soil, the higher the need for additional B. Mo is essential in nitrogen fixation.
PREMIUM With fungicide or insecticide	N-BORON®	1 qt/ac before tassel	Aids in reproductive structure development (silk, ear, tassel, kernel).
PRIMARY One application only	N-BORON® MANNI-PLEX® ZN	1 qt/ac of each product	Enhances growth and reproduction.
PLATINUM	BRANDT® SMART B Mo™	1 application: 1 pt/ac 2 applications: 8 oz/ac	Effectively delivers boron and molybdenum.
Product	Analysis/ Description	CUSTOM RECOMMENDATION	
BRANDT® SEQUESTAR 9% Zn	9% Zn.		
BRANDT SMART TRIO®	3% S, 0.25% B, 3% Mn, 3% Zn.		
BRANDT SMART Mn	3.5% S, 6% Mn.		
BRANDT SMART Zn	3% S, 6% Zn.		
MANNI-PLEX® B-MOLY	3.3% B, 0.5% Mo.		
N-BORON®	3.3% B.		
MANNI-PLEX® ZN	7% Zn.		
BRANDT SMART B MO™	5% B, 0.5% Mo.		

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. They do not replace your normal fertilizing practices. Manni-Plex®, N-Boron® and Brandt Smart Trio® are registered trademarks of Brandt Consolidated, Inc.

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