

# Pecan Nutrition Program

Application Timing	Product	Application Rate	Application Purpose
Bud Break	MANNI-PLEX® ZN	1 qt/ac	Zinc is essential to the root, shoot and leaf formation.
	BRANDT® SMART B™ or MANNI-PLEX® N-BORON®	1 pt/ac 1 qt/ac	Boron is essential to nut set and development.
Parachute Stage	MANNI-PLEX® NI	1 qt/ac	Nickel is needed for structural integrity and catalytic function. It also helps reduce early season nut drop
Pre-pollination	MANNI-PLEX® ZN	1 qt/ac	Replenishes zinc levels during critical vegetative stages when nutrients are in high demand.
Pollination	MANNI-PLEX® ZN	1 qt/ac	Helps maintain adequate zinc levels.
Initiation Water Stage	MANNI-PLEX® NI	1 qt/ac	Nickel lessens effects caused by excess zinc.
Late gel, early dough stages before leaf fall	MANNI-PLEX® NI	1 qt/ac	Nickel helps build up the plants natural defenses and has also been shown to decrease instances of Mouse Ear.
Shuck Split	BRANDT® SMART B™ or MANNI-PLEX® N-BORON®	1 pt/ac 1 qt/ac	Late season boron increases nutrient utilization before dormancy to aid next year's crop.

Product	Analysis/ Description
MANNI-PLEX® ZN	5.0% N, 7.0% Zn.
MANNI-PLEX® N-BORON®	5.0% N, 3.3% B.
MANNI-PLEX® NI	7.0% N, 5.0% Ni.
BRANDT® SMART B™	5.0% B.

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 B™ are registered trademarks of Brandt Consolidated, Inc.

For more information, contact BRANDT at 800 300 6559 or [info@brandt.co](mailto:info@brandt.co)

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