



Formulated for Safe Foliar Application

- **100% Orthophosphate**
Maximum utilization and safety when foliar applied.
- **Low-Salt Index**
Prevents leaf burn when foliar applied.
- **Chloride-Free**
Prevents corrosion of equipment.
- **Trouble-Free**
No crystals or sediment to plug equipment.
- **100% Water Soluble**
A homogeneous mixture with equal analysis in every drop. No solid materials suspended in liquid.

Diamond fertilizers mix well with popular glyphosate herbicides. A compatibility test (jar test) is recommended until experience is gained.

Benefits of Foliar Applied Diamond Plant Food

- Increased yield and profit potential – one to 12 bu/acre increase in soybean yields have been reported.
- Crops use nutrients more efficiently.
- Helps plants overcome stressful conditions.
- Minimal application cost when combined with other chemicals.
- Low cost – only a small yield increase is needed to cover costs.



Manufactured only by

Nutra-Flo® Company

Sioux City, Iowa 51106

Ph: 800-831-4815 • www.PureGrade.com

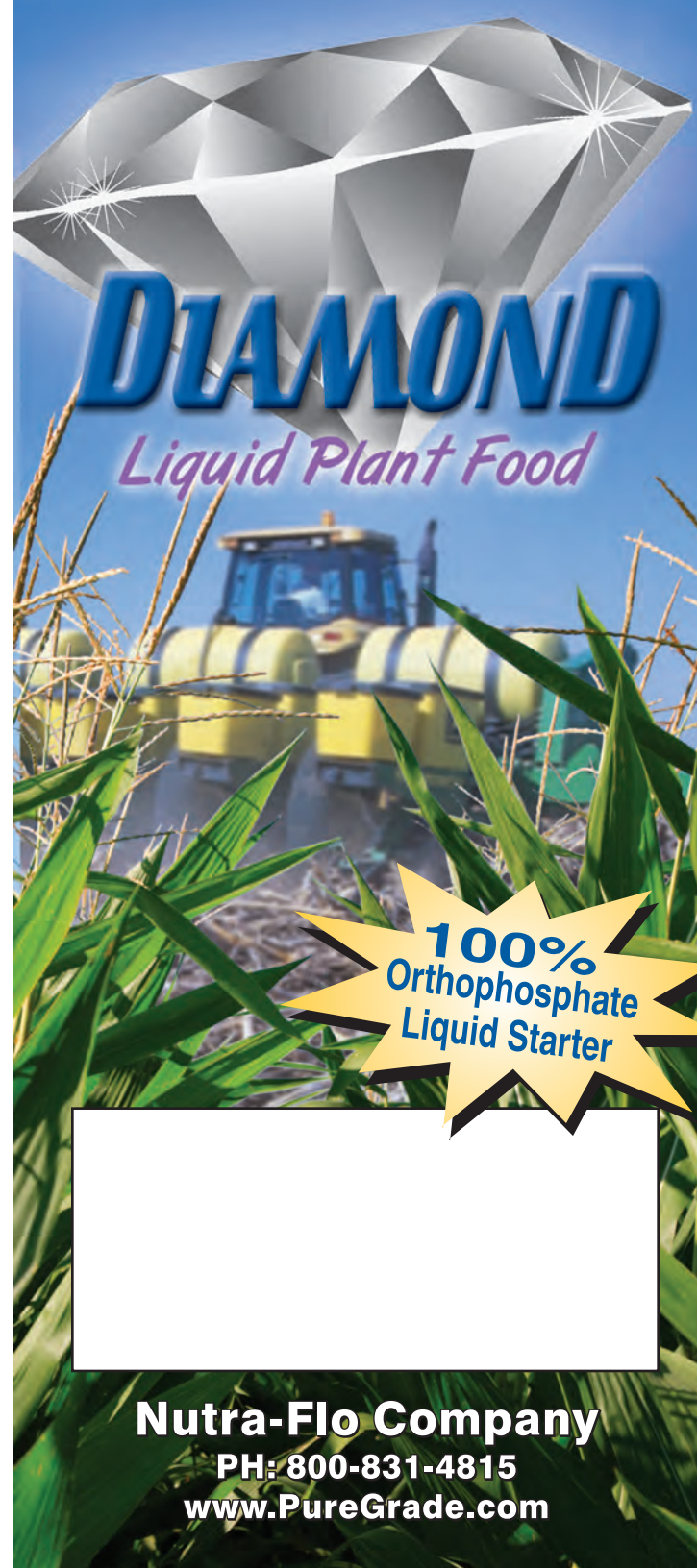
Copyright© 2010 Nutra-Flo® Company. All rights reserved.

GoldStar® and PureGrade® are registered trademarks of Nutra-Flo® Company

PRSR STD
U.S. POSTAGE PAID
SIOUX CITY IA
PERMIT NO 482



Nutra-Flo® Company
1919 Grand Avenue
Sioux City, Iowa 51106-5708



Nutra-Flo Company

PH: 800-831-4815

www.PureGrade.com

DIAMOND

Liquid Plant Food

100% WATER SOLUBLE: Nutra-Flo uses water soluble raw materials. No solid materials are suspended in liquid. Diamond Plant Food is a homogeneous mixture with uniform analysis in every drop.

TROUBLE-FREE: Expect trouble-free performance when using Diamond Liquid Plant Food. There's no crystals or sediment to plug equipment.

NEUTRAL pH: To promote optimum growing conditions and safety, Diamond Liquid Plant Food has a near neutral pH.

ENVIRONMENTALLY FRIENDLY: When Diamond Liquid Plant Food is banded in-furrow or near the seed, fertilizer efficiency is increased by placing plant food in the root zone. Nutrients are easily intercepted and absorbed by roots. Little plant food is lost to leaching or runoff.

IMPROVES YIELDS: Banding Diamond Liquid Plant Food during planting provides growing plants easy access to a 100% water soluble mixture of N-P-K. Young plants emerge stronger in cold, wet soils and corn matures faster producing drier, high yielding corn at harvest.

Crops use nutrients more efficiently when Diamond Liquid Plant Food is banded during planting or foliar applied.



About Diamond Phosphorus (P)

The phosphorus in **Diamond Plant Food** is 100% orthophosphate. This is the form that plants use.

In the case of cold soils at planting the phosphorus is ready to go as soon as plant roots are able to take up nutrients. Native soil phosphorus becomes available slowly in cold soils. Applying **Diamond Liquid Plant Food** guarantees that that phosphorus will be available to the crop regardless of soil temperature.

Phosphorus is needed by plants to form DNA, RNA and many other vital compounds. It is important for growth and reproduction.

Phosphorus stimulates early growth and root formation and hastens maturity. P promotes seed production. Extra P is needed to promote growth in cold weather or anytime root growth is limited.

Over the years, testing has shown that banding small amounts of potassium and phosphorus during planting produces more bushels of drier corn at harvest.

About Diamond Potassium (K)

Diamond Liquid Plant Food uses potassium hydroxide (KOH) as its potassium source. KOH is also readily available to the plant, contains no chlorides and has a very low salt index. It is safe for in-furrow placement on many crops and will not rust or corrode expensive planting and application equipment.

Potassium is an essential nutrient in crop production, needed for translocation of sugars, starch formation and for efficient water use. Potassium encourages root growth and increases crop resistance to disease.

Size and quality of fruits, grains and vegetables are increased by potassium. It increases winter hardiness of perennials such as alfalfa, clovers and other forages.

STARTER APPLIED

Placing **Diamond Liquid Plant Food** in-furrow or positioned 2x2 from the seed during planting provides young root systems with an immediate source of 100% water-soluble nutrients.

Banding **Diamond Liquid Plant Food** during planting limits nutrient tie-up, makes nutrients positionally available, and reduces denitrification of nitrogen.

Crops get off to a fast start with **Diamond Liquid Plant Food** and grow rapidly through the vegetative stages. Earlier harvest is possible due to earlier maturity and drier grain.



FOLIAR APPLIED

Diamond Liquid Plant Food is highly effective when foliar applied on a wide variety of crops.

Apply **Diamond Liquid Plant Food** prior to stressful physiological plant stages for strong, healthy crops. Foliar applications should also be considered anytime a crop is recovering from environmental stresses such as nutrient deficiencies, weather extremes or insect and disease attacks.

A wide range of **Diamond** grades are available to meet nearly any crop nutrient need. Rely on plant tissue test results to determine the grade best suited to your crop's needs whenever possible.

