

MAXIMIZING Wheat Forage Production

- Plant 2–3 weeks earlier than normal.
- Increase planting rate by 50 to 100 percent depending on soil moisture.
- Increase nitrogen rates by 30 to 50 pounds per acre.
- A band of starter fertilizer, near or in the seed furrow, significantly increases forage production.
- If soil pH is 5.1 or less, use of starter fertilizer is highly recommended to control aluminum toxicity.
- Studies indicate that grazing appears to have little effect on grain yields when fertility is adequate, grazing is not too heavy, and livestock are removed before the first hollow stem.
- Wait until wheat is 6-12 inches tall before cattle are turned in.
- Provide some drier feed to offset potential animal digestive problems.

Information is from publications by Kansas State University, Oklahoma State University and the University of Missouri.

100% PureGrade Liquid Starter and Foliar Plant Food



GoldStart is a low-salt plant food high in orthophosphates. It can be safely banded in-furrow during planting or foliar applied.

Available in these popular grades: 9-18-9, 6-24-6, 5-15-15, 3-18-18, 10-10-10 and custom blends

Manufactured only by

Nutra-Flo® Company

Ph: 800-831-4815 • Sioux City, Iowa 51106

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WHEAT

FERTILITY PROGRAMS

Grain Production

Graze Grain

Nutra-Flo® Company

PH: 800-831-4815

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Use a PureGrade Liquid Starter to boost your wheat program – **Grain, Graze or Both!**



GRAIN ONLY

When the primary goal is grain production use either GoldStart 6-24-6 or 14-10-4-2S depending on nitrogen management.

The benefits of using a starter fertilizer containing phosphorus include:

- Builds strong root systems to increase resistance to winter injury.
- Includes sulfur—an important plant nutrient for higher protein production.
- Encourages tillering for more heads.
- Increases water use efficiency.
- Enhances early season growth.
- Promotes earlier maturity and uniform ripening for earlier harvest.
- Phosphorus improves nitrogen efficiency.
- Increases yields and profits.

Recommended rate of application*

Gold Start 6-24-6 at 4-8 gallons per acre where adequate nitrogen is available.

Gold Start 14-10-4-2s at 10-12 gallons per acre where early nitrogen deficiencies are expected. Nitrogen deficiencies can occur when preplant nitrogen has not been applied or where heavy amounts of undecomposed crop residue are present.



GRAZE GRAIN

If the primary purpose is for some combination of grazing, haying and/or grain harvesting, we recommend using GoldStart 14-10-4-2s for increased vegetative growth to maximize beef or dairy production.

The high-nitrogen GoldStart 14-10-4-2s features all of the benefits of the 6-24-6 grain program plus these additional profitable items:

- Increases early vegetative growth for earlier grazing.
- Increases carrying capacity.
- Includes sulfur—an important plant nutrient for higher protein production.
- Eases decision-making. Decide later whether to graze and harvest grain, complete 'graze out' or haying.

Recommended rate of application*

Gold Start 14-10-4-2s at 10-12 gallons per acre placed into the seed furrow during planting.

*Add Nutra-Flo PureGrade Micronutrients according to soil or plant tissue analysis to eliminate potential trace element deficiencies.

GoldStart Liquid Plant Food has these additional features:

- Contains potassium—important for straw strength and grain fill
- Near neutral pH
- Lower salt index compared to conventional fertilizers
- Non-corrosive
- Economical
- Service and support
- Designed for seed-furrow placement
- Low viscosity—flows easily at all temperatures
- Does not settle out
- Easier handling and cleanup than 10-34-0

