

# Golden Grain™

## 7-5-5

**GOLDEN GRAIN™** is specially formulated for grain crops. This fertilizer is balanced with phosphorus, potassium and nitrogen content containing high levels of trace nutrients, iron, zinc, and manganese. It contains proprietary activators to assist and help in translocation of nutrients essential for plant growth.

### Benefits of GOLDEN GRAIN™

- GOLDEN GRAIN™ is especially blended to supplement the nutrients generally required by grain crops for optimum growth.
- Grain crops often have a need for supplemental nitrogen, phosphorus and potassium. Especially in calcareous, high pH soils iron and other micro-nutrients (zinc, manganese) are limiting. Iron is essential for chlorophyll formation and is required by the plant for many metabolic roles including nitrate reduction, nitrogen fixation and photosynthesis. A yellowing of grain may be a deficiency of nitrogen and iron. Potassium is essential for activity of many enzymes and aids in the uptake and transport of nutrients through cellular membranes. Adequate phosphorus is necessary for grain development and maturity.

The window of application has been found to be at the flag leaf stage (4-5 inches high). The grower at this time applies bromate or 2-4 D (herbicide) and the GOLDEN GRAIN™ may be included at this time to save the grower cost of additional applications. A single foliar at this time has shown consistent increases from 10% to over 20% in yield. Additional foliar applications may increase these levels even higher.



### GUARANTEED ANALYSIS

Total Nitrogen (N).....	7.0%
2.30% Ammoniacal Nitrogen	
1.35% Nitrate Nitrogen	
3.35% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	5.0%
Soluble Potash (K <sub>2</sub> O).....	5.0%
Copper (Cu).....	0.1%
Iron (Fe).....	0.5%
0.5% water soluble iron (Fe)	
Manganese (Mn).....	0.2%
0.2% water soluble manganese (Mn)	
Zinc (Zn).....	0.2%
0.2% water soluble zinc (Zn)	

## Application Rates

**WINDOW OF APPLICATION PRIOR TO FLAG LEAF STAGE AT THE TIME HERBICIDE.**

**ADD WATER FIRST TO TANK OR SPRAYER BEFORE ADDING PRODUCT!**

**AERIAL APPLICATIONS:** Use at least 20 parts water to 1 part of BAICOR fertilizer. Add at least 20 parts water before introducing product.

**FOLIAR APPLICATIONS:** Use at least 100 parts water to 1 part BAICOR Fertilizer. Add at least 50 parts of water before introducing product.

**FRUIT, NUT & VINE CROPS:** Including (but not limited to) almonds, hazelnuts, grapes, pecans and walnuts. Apply 1 - 4 quarts per acre. **NOTE:** Before applying to pome or stone fruit, consult your qualified and licensed consultant for recommendations.

**FIELD AND VEGETABLE CROPS:** Apply 1 - 4 quarts per acre.

**GRAIN CROPS:** Apply 2 - 4 quarts per acre at 3-4 leaf stage.

**TURF GRASSES:** Apply 1 - 4 quarts per acre.

**SPRINKLER IRRIGATION:** Apply 1 - 4 quarts per acre with irrigation water. Use check valve to prevent back flow into water system

**SOIL APPLICATION RATES:** Use at least 20 parts water to 1 part BAICOR fertilizer. Do not apply directly to seeds unless it has been determined/tested by the consultant or grower that it is not harmful or injurious to the seed.

Maintenance Concentration	2 qts/acre
Beginning Deficiency	3 qts/acre
Severe Deficiency	4 qts/acre