



**INNICTIS
BIOSCIENCE**
PLANT HEALTH TECHNOLOGIES

PLANT NUTRIENT



Red Vigor™ is an EDDHSA ortho-ortho chelated form of iron that is extremely stable, more available, and more resistant to degradation especially in high pH soils. Red Vigor supports early iron demand with a proprietary blend of micronutrients and metabolites designed to support and maximize iron availability in soils susceptible to iron deficiency chlorosis (IDC). Red Vigor is designed to maximize iron availability in the soil rhizosphere and prevent iron deficiencies in crops grown in soils with low levels of available iron.

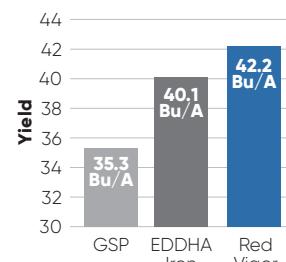
BENEFITS

- 2% Iron
- Easy to handle liquid formulation
- EDDHSA ortho-ortho chelate
- Minimizes stress from IDC
- Higher yield potential and crop quality
- Analysis: 2 Fe - 1.4 S - 0.015 Co

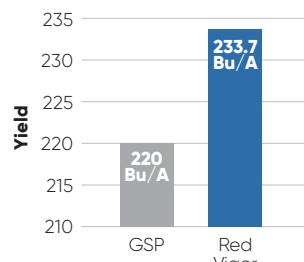
CROP RATES

- **1 pt - 5 qt/A**
- **Application Methods:**
 - In-furrow
 - Broadcast
 - Foliar

Always refer to the product label for Precautionary Language, Directions For Use and Specific Use Rates. Please reach out to your local Innictis rep with additional product questions



Simplot trials over five site years.
Locations: Shelly, MN, Moorhead, MN, and Wallhalla, ND. Shawn Kasprick CCA, CPAg.



Simplot trials over three site years.
Locations: Shelly, MN and Hatfield, MN. Shawn Kasprick CCA, CPAg.



APPLICATION GUIDELINES

A soil test analysis is recommended to determine the iron chlorosis risk potential. Key soil test options should include: pH, calcium carbonates (CCE%), free lime, and salinity. Knowledge of previous field history with a sensitive crop, such as soybeans, will help recognize potential severity and variability of iron chlorosis within the field.

IRON CHLOROSIS RISK POTENTIAL

| CCE% | pH 7-9 | Salinity mmhos/cm | | | |
|------|--------------------|-------------------|-------------|------------|-----------|
| | | < 0.25 | 0.25 – 0.50 | 0.51 – 1.0 | > 1.0 |
| | 0-2.5 (L) | Low | Low | Moderate | High |
| | 2.6-5.0 (M) | Low | Moderate | High | Very High |
| | >5.0 (H) | Moderate | High | Very High | Extreme |

Agvise Labs

| Susceptible | | Moderately Susceptible | |
|----------------|--------------|------------------------|---------------|
| Soybeans * | Strawberry † | Corn * | Oats ** |
| Edible Beans * | Raspberry † | Alfalfa ** | Barley ** |
| Sorghum † | Apple † | Clover ** | Broccoli * |
| Proso Millet † | Cherry † | Potatoes ** | Cauliflower * |
| Flax † | Peach † | Sugarbeets * | Tomatoes * |

* North Dakota State University, University of Minnesota, etc

** University of Idaho

† Colorado State University

‡ University of Manitoba

RECOMMENDED RATES

| Susceptible Crops 2.5 Quarts Per Acre | Moderately Susceptible Crops 1 Quart Per Acre |
|--|--|
| CCE > 2.5% | Increase 1 pint per acre |
| CCE > 5.0% | Increase 1 quart per acre |
| Soluble Salts > 0.5 mmhos/cm | Increase 1 pint per acre |
| Soluble Salts > 1.0 mmhos/cm | Increase 1 quart per acre |
| High Nitrates | Increase 1 pint per acre |