



IMPROVES CALCIUM NUTRITION & BUILDS SOIL STRUCTURE



### GUARANTEED ANALYSIS

Calcium (Ca).....20%

### REDOX TECHNOLOGY Microencapsulation Technology

WHY  ?

**TurfRx Ca** is specifically formulated to provide concentrated plant-available calcium for plant nutrition and soil structure.

#### CALCIUM NUTRITION

Redox microencapsulation allows for improved calcium uptake and movement within the plant.

#### SOIL STRUCTURE

Redox microencapsulation prevents calcium tie-up in the soil allowing for improved soil structure.

#### ROOT DEVELOPMENT

**TurfRx Ca** supplies soluble calcium during critical root development periods. Application is most critical in Spring, Fall and post aeration.



### PRODUCT USAGE

Practical rates of use: Apply TurfRx Ca at 5 – 10L / Ha in 400 – 800L of water.

Higher rates than this are purely for extreme conditions where they are warranted.

The unique Redox microencapsulation process used in the production of TurfRx Ca sees the fusion of the calcium mineral ion within a soluble carbon surfactant molecule to eliminate negative soil reactions. Isolating the calcium from the carbonate and encapsulating it within the surfactant molecule enables it to be delivered to where it is required.



## HANDLING GUIDELINES

### PRE-MIXING

Pre-mixing is considered a best practice when sprayer agitation is not optimum. Proper hydration is essential for all applications. Recirculate or agitate while adding material.

**ONCE THE MATERIAL IS ADDED TO WATER, CONSTANT AGITATION IS REQUIRED.**

### COMPATABILITY

Always jar test first.

Redox products are compatible with other Redox products when following product handling guidelines.

Use caution with reactive materials. For example, phosphorus and calcium.

Avoid extreme shifts in tank pH. When utilizing Redox materials that acidify, check tank pH prior to adding buffers.

### TANK MIXING/INJECTION

Use of an anti-foaming agent is recommended. Fill the tank 50% full with water and initiate tank agitation prior to adding materials.

Don't add material too quickly—this allows for more thorough hydration.

The use of inductor assemblies is encouraged.

Recirculate or agitate while adding material.

**ONCE THE MATERIAL IS ADDED TO WATER, CONSTANT AGITATION IS REQUIRED.**

Rinse after use.

*REFER TO PRODUCT HANDLING GUIDELINES FOR ADDITIONAL MIXING INSTRUCTIONS.*