



### PROFILE

The BioBarrel™ Single Trip Container™ (STC®) is designed to provide increased convenience in delivering CRYSTALYX® Brand Supplements, in an environmentally responsible manner.

The patented, one-of-a-kind technology uses ground straw coated with a soy flour solution for binding, and is then pressed and molded. No chemicals. No adhesives. No sweat.

### FEEDING APPLICATIONS:

The BioBarrel™ is recommended for use in pasture or range grazing situations. When used in excessively muddy or wet conditions, accelerated container degradation may occur. Plan your use, management and positioning of the BioBarrel™ accordingly. With proper use, the BioBarrel™ will slowly disappear as animals consume the CRYSTALYX® supplement.

### HOW BIOBARREL™ WORKS:



- Free-board refers to the container side walls above the product line.



- As cattle consume the supplement, the container's free-board is often broken down. It is common for the BioBarrel™ wall and CRYSTALYX® to be the same level as the supplement is consumed.



- After CRYSTALYX® is consumed, the bottom of the BioBarrel™ will break down and degrade over time.

### HANDLING BIOBARREL™:



- Normal product handling by the manufacturer, dealer and producer may cause the free-board to break away in some areas. This is a natural feature of a container designed to be biodegradable and will not harm the product or affect supplement consumption.



- It is recommended that the BioBarrel™ be handled in a way that will limit free-board degradation until the supplement is fed.

#### Tips for Handling:

1. The BioBarrel™ can be easily rolled to move into place.
2. Care in handling will reduce the amount of free-board that breaks away.
3. Using a wide belt or strap around the container will allow you to easily slide the BioBarrel™ on smooth, hard surfaces.
4. Stacking no more than 3 containers high is recommended.



#### A true Single Trip Container

The BioBarrel™ is a true Single Trip Container (STC®). Because the BioBarrel™ naturally degrades and disappears, the need for collection and return is eliminated. Once it is placed in a pasture, it does not need to be handled again.

#### Concentrated Nutrition

The BioBarrel™ contains the same nutrient dense CRYSTALYX® formulas that you have come to trust for effective delivery of nutrients on pastures.

*As part of our commitment to quality, we invite your feedback. If you have questions, concerns or comments, please call our BioBarrel™ Feedback line at 1-888-859-9424.*

CRYSTALYX® BioBarrel™



## Frequently Asked Questions

**Q. What is the BioBarrel™ made of?**

A. The patented container is made of ground straw, which is coated with a soy flour solution for binding and is pressed and molded. There are no “chemicals” or adhesives needed to make the container.

**Q. Will the consumption and feeding rate of CRYSTALYX® in the BioBarrel™ be different from CRYSTALYX® in the steel barrel?**

A. No. Extensive field testing has shown that consumption and feeding rate will be the same for either container option.

**Q. What are the Single Trip Container (STC®) Advantages of the BioBarrel™?**

A. The BioBarrel™ eliminates concerns, labor and costs associated with collecting and returning barrels or disposing of other containers. The BioBarrel™ offers increased value over other non-returnable delivery systems as a true “single-trip” container. Once it is placed in a pasture, it does not need to be handled again.

**Q. How is the BioBarrel™ different from fiber or cardboard containers?**

A. The BioBarrel™ does not contain any synthetic ingredients or adhesives, only straw and soy flour. BioBarrel™ is thicker and stronger than cardboard or fiber containers and maintains its integrity in prolonged storage. The supplement will not “wick” through, as with other cardboard or fiber containers. Plus the BioBarrel™ undergoes a more natural degradation without the litter of fiber or cardboard containers once the supplement is consumed.

**Q. How is the BioBarrel™ affected by rain or wet conditions?**

A. The BioBarrel™ will withstand normal precipitation. The container is not designed for placement in standing water or excessively muddy conditions. CRYSTALYX® in steel barrels would be better suited for these conditions.

**Q. What happens with the BioBarrel™ as the CRYSTALYX® Supplement is consumed?**

A. The BioBarrel™ normally degrades as animals consume the CRYSTALYX® low-moisture block.

**Q. What happens if my cattle consume the BioBarrel™?**

A. Consumption of the BioBarrel™ may occur and will not harm the animal.

**Q. How does the BioBarrel™ compare to the returnable steel barrel?**

A. Steel barrels are durable and returnable, but do have the added costs to return the containers. Steel barrels are also environmentally friendly as they are removed from pastures but do require the added steps of returning the containers. Because the BioBarrel™ naturally degrades and disappears, the need for collection and return is eliminated. In addition, regional availability of the steel barrels can become limiting at times.

**Q. How does the BioBarrel™ compare to non-returnable plastic containers?**

A. Plastic containers can be blown around the pasture after the product inside has been consumed and must be collected and then disposed of after use, which causes environmental concerns. The BioBarrel™ eliminates the collection and disposal issues associated with plastic containers.