

# Application Rates

Moisture, %	Small square bales	Large bales
12-18	4 lb/ton	5 lb/ton
19-21	5 lb/ton	6 lb/ton
22-23	7 lb/ton	9 lb/ton
24-25	10 lb/ton	12 lb/ton
26-28	15 lb/ton	Do not bale
29-30	20 lb/ton	Do not bale

Note: For first- and fourth-cutting or rained-on hay, increase above rates 3-5 lb per ton.

## For use on silage, haylage and feed blends

Crop	Moisture, %	Rate
Corn silage	60-70	2-3 lb/ton
Small grain silage	60-70	2-4 lb/ton
Haylage/baleage	50-70	2-3 lb/ton
Feed blends		1-3 lb/ton
(Short term storage)		(Increase rate to increase stability)

Caution: This product is applied under pressure. Always wear goggles and protective gloves and clothing. Consult label for safety and handling instructions.



Vita Plus Corporation  
 PO Box 259126, Madison, WI 53725-9126  
 800.362.8334 • www.vitaplus.com

REV 0218

Buffered propionic acid  
 to preserve baled hay



## Vita Plus Forage Products

Quality Forages...  
 Where sound nutrition starts

**BALE CHAMP™**

800.362.8334  
 www.vitaplus.com/vita-plus-forage-foundations



*Offering a special blend of buffered acids, antioxidants and surfactants to provide maximum protection for baled hay, Bale Champ preservative has the highest percentage of active ingredients on the market and is non-corrosive and user-friendly.*

## ***Bale Champ***

This 68-percent propionic acid-based preservative aids in baling and storing hay at up to 30 percent moisture and contains a specific combination of active ingredients, each chosen for its beneficial properties.

- **Propionic acid** - most-proven mold-inhibiting acid
- **Acetic acid** - forms a synergy with propionic acid and effective against bacteria
- **Citric acid** - preserves freshness, color and palatability
- **Ammonium hydroxide** - buffering agent makes Bale Champ preservative user-friendly
- **Propylene glycol** - works as an effective surfactant and keeps hay softer than non-treated dried hay
- **Green dye** - aids in visibility during application

## ***Available sizes***

- Available in 450-lb barrels and 2,200-lb totes

## ***Increased yields***

- Increases dry matter harvested (up to 580 lb per acre according to university research) due to higher leaf retention
- Potential to increase total yield by as much as 1 ton per acre per year

## ***Faster harvest***

- Shorter drying time to achieve the ideal moisture content
- Bale sooner and beat potential weather threats

## ***Better hay***

- Retain more leaves
- Higher crude protein
- Lower ADF and NDF
- Higher NDFD
- Greater dry matter intake
- Higher total digestible nutrients

## ***Nutritional advantage***

Achieving a nutrient-dense ration is key to feeding high-producing livestock. By providing the highest quality possible long hay portion of the diet, farmers improve their chances of producing more milk and meat per acre at a lower cost.

Research shows, 71 percent of the variation in the RFQ of alfalfa is due to leaf quantity (Undersander, 2017). Bale Champ helps retain leaves and maximize quality.

## ***Effect of leaf percentage on RFQ.***

