DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

HayFresh, HayFresh+Plus, and ForageGuard are preservatives for hay that is baled at 16% to 30% moisture. It can be used on alfalfa, bermuda grass, blue grass, brome grass, clover, cowpea hay, fescue, lespedeza, lupines, orchard grass, peanut hay, peavine hay, rye grass, soybean hay, sudan grass, timothy, and vetch. When used in accordance with label directions, it will prevent the growth of mold in the hay and the related heating, discoloration, and loss of feed value.

FOR USE ON HAY: Spray product on the hay as it is led into the baler using the application rates below:

SMALL SQUARE & LARGE ROUND BAILERS			LARGE SQUARE BAILERS	
Hay Moisture	Stem Moisture	Dew Moisture	Stem Moisture	Dew Moisture
16 - 21%	4 lb/ton	2 lb/ton	6 lb/ton	3 lb/ton
22 - 26%	6 lb/ton	6 lb/ton	10 lb/ton	6 lb/ton
27 - 30%	16 lb/ton	12 lb/ton	Do Not Bale	16 lb/ton
Over 30%	Not Recommended	Not Recommended	Not Recommended	Not Recommended

APPLICATION INSTRUCTIONS

1. Avoid baling if the windrow moisture level exceeds 30 percent.
2. Always check the hay moisture level before baling high moisture hay.
3. For rained-on hay or poorly ventilated storage, increase the application rate by 4-5 lb/ton.
4. Make sure that the spray nozzle's openings and placement are such that good coverage is obtained
5. Make sure that the storage area for the baled hay is well ventilated.

Restriction: Do not store untreated dry hay on top of treated wet hay.

FOR USE ON HAYLAGE: Spray product on crop at chopper or blower intake using the application rate below:

% HAYLAGE MOISTURE	RATE
50 - 70%	2.5 - 3.5 lb/ton

FOR USE ON SILAGE, HAYLAGE, FEED BLENDS, AND CORN

including wrapped high-moisture hay and feed blends (TMR): Spray product on crop at chopper or blower intake, using the application rates indicated on the chart below.

CROP	MOISTURE	RATE
Corn Silage	60 - 70%	2 - 3 lb/ton
Small Grain Silage	60 - 70%	2.5 - 3.5 lb/ton
Haylage/wrapped high-moisture hay	50 - 70%	2.5 - 3.5 lb/ton
Feed blend (for short term storage	15 - 20%	2 - 4 lb/ton
Ground Ear Corn	26 - 34%	4 - 5 lb/ton
Shelled corn, cracked rolled	24 - 30%	4 - 5 lb/ton

26 Freedom Way Saratoga Springs, NY

AgroChem

(518) 226-4850 • agrocheminc.com

HAY & FEED PRESERVATIVES

Made in the USA

AgroChem

PROTECT YOUR VALUABLE HAY AND FORAGES FROM SPOILAGE WITH **AGROCHEM PRESERVATIVES.**

BALE AT MOISTURE

UP TO 30%!

To make quality hay, silage, or stored feed that keep their value in storage, it is important to prevent the growth of fungus. When fungus and mold grow, they digest and metabolize the high energy compounds and proteins that are vital to good nutrition. The result is low feed value, feeds that are unpalatable to your animals and mycotoxins which can severely upset rumen health. AgroChem's hay and feed preservatives help retain feed health and its value!

- Enable you to bale at higher moisture levels
- Keep hay and forages greener and prevents the loss of feed value
- Keeps hay and forages fresh for years in storage
- Safe for use at all temperatures and will not freeze
- Inhibit the growth of aerobic molds until fermentation is complete
- Includes specific components that maintain nutrients and stabilize chlorophyll
- Reduces the effects of mycotoxins to safe levels
- Non-corrosive, buffered formula won't damage baling equipment, staff or your livestock

"In these parts, you just never get hay dry enough to bale without a preservative. I wouldn't even try. HayFresh has been giving us and our customers better hay and peace of mind for years. If I were making hay in California it might be different, but the humidity and the risk of rain here forces us to make decisions about cutting and bailing that often put us right at the edge of hay-making conditions. I would never bale without HayFresh."

- Rene Bourdeau, Vermont Dairyman

HayFresh	HayFresh+Plus	ForageGuard
EPA Registration No: 82808-1	EPA Registration No: 82808-2	EPA Registration No: 82808-1
TOTAL ACID		
70%	**76%**	**68%**
ACTIVE INGREDIENTS		
68% Buffered Propionic Acid **2%** Citric Acid	**68%** Buffered Propionic Acid **8%** Additional Acids (Acetic Acid, Citric Acid)	**68%** Buffered Propionic Acid
ITEM		
7303 - 130 lbs. **7304** - 450 lbs. **7305** - 2350 lbs.	**7103** - 130 lbs. **7104** - 450 lbs. **7105** - 2350 lbs	**7203** - 130 lbs. **7204** - 450 lbs. **7205** - 2350 lbs.

BUFFERED PROPIONIC ACID

Not all hay preservatives are created equal. With an active concentration of 68% buffered propionic acid, our preservatives provide amongst the highest propionic acid levels on the market. Propionic acid is unrivaled in its ability to inhibit mold growth in hay and feed.

ACETIC ACID

In addition to propionic acid, Hay Fresh Plus contains acetic acid, which is commonly used in food preservation. While propionic acid is highly effective at controlling mold growth, acetic acid is more effective against bacterial growth.

Trreated Hay

Untreated Hay

CITRIC ACID

HayFresh and HayFresh Plus contain a unique blend of citric acid. This natural organic acid is a common food preservative that helps to maintain the natural green color and fresh smell of bailed hay.

MOLD

At moistures 16 - 30%, mold, fungi and yeasts start to multiply, consisting of mycelium and spores, giving the hay a white and dusty appearance, and can also produce harmful mycotoxins. Mold growth also causes heating.

HEAT

Hay baled at moistures 16 - 22% will heat to over 115°F, enough to cause discoloration and loss of the hay's fresh smell. Between 23 - 26% hay can reach temperatures of over 120°F in storage causing brown to black hay with caramelized mold. Moisture levels of over 27% can result in heating to over 150°F and above and may even combust.