KEMIN

Product Specifications

1900 Scott Avenue • Des Moines, Iowa, USA 50317 • tel: 515.559.5100 • www.kemin.com/ag

Ultra CURB®
Dry Mold Inhibitor

ITEM CODE
018697

DESCRIPTION
A dry mold inhibitor for ensiled forages, processed feed ingredients and complete animal feeds.

INGREDIENTS
Propionic Acid (a preservative), Silicon Dioxide (up to 28%), Hydrated Sodium Calcium Aluminosilicate, Acetic Acid, Benzoic Acid (a preservative), Methylparaben (a preservative), Sorbic Acid (a preservative) and Propylparaben (a preservative).

QUALITY SPECIFICATIONS

Guaranteed Analysis	
Propionic acid (min.)	42%
Parameter	
Residue	0 - 10% (20 mesh screen)
Color	Off White
Odor	Slightly pungent
Bulk Density	≥ 30 lb/ft^3

TYPICAL CHARACTERISTICS

Parameter	
Flowability	Good

INSTRUCTIONS FOR USE
When used as a mold and wild yeast inhibitor: Apply to feed or feed ingredients and thoroughly mix feed to incorporate. Consult with Kemin Customer Laboratory Services (CLS) to establish proper application rate. When mold or wild yeast levels are unknown, apply at the following rates depending on grain or feed moisture:

Feed Application	**<15% Moisture**		**>15% Moisture**	
	Lbs./ton	**Kg/MT**	**Lbs./ton**	**Kg/MT**
Complete swine and poultry feed	1-3	0.5-1.5	2-6	1.0-3.0
Processed Grain for Livestock	1-3	0.5-1.5	2-6	1.0-3.0
Dried Co-Products	2-4	1.0-2.0	4-8	2.0-4.0
Vegetable Meal Products	2-4	1.0-2.0	4-8	2.0-4.0

1900 Scott Avenue • Des Moines, Iowa, USA 50317 • tel: 515.559.5100 • www.kemin.com/ag

When used to stabilize total mixed rations (TMR's) or other cattle rations: Apply to feed and thoroughly mix to incorporate. Consult with Kemin CLS to establish proper application rate. When mold and wild yeast levels are unknown, apply at a rate of 2-6 pounds per ton (1-3 kg/metric ton) depending on ration moisture and environmental conditions. An application strategy used during summer months with success:

1. First 2-4 days after ration heating is observed - Apply 6 pounds (3 kg) of Ultra CURB Dry per ton of ration to control active mold and wild yeast growth and prevent new fungal contamination.
2. After ration heating is under control, reduce rate of Ultra CURB Dry inclusion to 4 pounds per ton (2 kg per metric ton) for 4-6 days.
3. Maintain use of Ultra CURB Dry at a rate of 2 pounds per ton (1 kg per metric ton) during period of the year when ration heating is likely.
4. Increase application rate as needed if TMR heating begins again or if environmental conditions change to favor fungal growth.

To enhance silage fermentation: Apply while harvesting, over each load or over each 4-inch layer in the silo using an approved applicator. ENSILE ONLY AT RECOMMENDED MOISTURE LEVELS. Increase application rates by 50-100% for silage outside of the recommended containing moisture greater or less than the ideal moisture range.

Forage should be chopped to the industry recommended length to insure tight packing and exclusion of oxygen. Packing silage to a density of at least 15 pounds of dry matter per cubic foot decreases the amount of oxygen present, improves fermentation, and reduces waste. Wrap baled silage as soon as possible after baling.

Calibrate applicator using a scale to apply the following amount of Ultra CURB Dry:

Crop Ensiled	Moisture	Lbs./ton	Kg/MT
Corn Silage	60-65%	1	0.5
Alfalfa and Other Legumes (ensiled)	50-65%	1-2	0.5-1.0
Grass Silage	60-70%	1-2	0.5-1.0
Oatlage or Other Small Grain Silage	55-70%	1-2	0.5-1.0
Baled Silage or Baleage	55-65%	1-2	0.5-1.0
High Moisture Grains (ensiled)	25-32%	2-4	1.0-2.0

STORAGE

Store in a cool, dry place. Keep container closed when not in use. Highly hygroscopic, be certain to close bag tightly after each use.

CAUTION: Silicon dioxide from all sources cannot exceed 2% by weight of the complete feed.

PACKAGING

25 kg