

 <p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY</p> <p align="center">Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p align="center">NOTICE OF PESTICIDE:</p> <p><input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	<p>EPA Reg. Number: 34052-19</p>	<p>Date of Issuance: OCT 1 2004</p>
	<p>Terms of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: Hay Chem</p>	
<p>Name and Address of Registrant (include ZIP Code): H. Wilson Manufacturing Co., Inc. P.O. Box 481 Jefferson, GA 30549</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, this product is conditionally registered under the Federal Insecticide, Fungicide and Rodenticide Act as amended. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Section 4. 2. Make the following label changes before you release the product for shipment: <ul style="list-style-type: none"> • Revise the EPA Registration Number to read "EPA Reg. No. 34052-19" • In the "Precautionary Statements", change "chemical resistant gloves" to "chemical resistant gloves made of any waterproof material" 3. Submit acceptable Corrosion Characteristics (830.6320) and Storage Stability (830.6137) studies within 18 months following the date of this registration. 4. Submit one copy of the final printed label before releasing the product for shipment. <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of your label stamped "Accepted with comments" and the Agency's technical reviews DP306829 and DP306833 are included for your records.</p>		
<p>Signature of Approving Official:</p> <p>Cynthia Giles-Parker, Product Manager (22) Fungicide Branch, Registration Division</p>	<p>Date:</p> <p align="center">OCT 1 2004</p>	

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HAY CHEM

ACTIVE INGREDIENT:		BY WEIGHT
Propionic Acid		68.52%
OTHER INGREDIENTS:		31.48%
Ammonium hydroxide, water, citric acid, dye.		
TOTAL:		100.00%

Product density 8.7 lb/gallon

DANGER
KEEP OUT OF THE REACH OF CHILDREN
 See side panel for additional precautionary statements.

FIRST AID

IF IN EYES: Hold eyes open and rinse with water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If the person is not breathing call 911, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 minutes. Call a poison treatment center or doctor for treatment advice..

HOT LINE NUMBER: Have the product container or label of Material Safety Data Sheet with you when calling the poison control center, doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Manufactured by:

EPA Reg. No. 34052-
EPA Est. No. 34052-GA-1



PO Box 481 Jefferson, GA 30549

Net contents:

ACCEPTED
with COMMENTS
In EPA Letter Dated:

OCT 1 2004

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

34052-19

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed, or absorbed through skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Wear chemical resistant gloves, chemical resistant footwear, and goggles or face shield when loading application equipment. Avoid working near high concentrations of spray mist or vapors. Use adequate ventilation.

Environmental Hazards

For terrestrial uses. Do not apply to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Seal tightly. Do not store in direct sunlight.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer the container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or for incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Specific Gravity is 1.065 to 1.075 at 70 F. Freezes at -5 F. Freezing does not deteriorate product. However, citric acid may crystallize out when product freezes. After warming, mix product to bring citric acid back into solution.

All responsibility for the proper use, storage, and handling of the product is the responsibility of the buyer. H. Wilson Manufacturing Co., Inc. makes no other claims or warranties, expressed or implied.

(Hay Chem Label Left Panel-actual type size)

Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. HAY CHEM is a buffered propionic acid for use as a preservative to prevent mold growth in processing high moisture hay, corn, grain silage (barley, corn, oat, sorghum, and wheat), haylage, and feed blends. It can be used post harvest 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.

The product's effectiveness depends treatment methods and rates of application. Since moisture content determines application rate be sure that moisture level is known. Follow recommended application rates within each moisture range.

FOR USE ON HAY: Spray HAY CHEM onto the hay as it is fed into the baler using the application rate on the chart below based on moisture level:

Hay Moisture	Small Square/Large Round Bales		Large Square Bales	
	Stem Moisture	Dew Moisture	Stem Moisture	Dew Moisture
16-21%	4 lb/ton	2 lb/ton	6 lb/ton	3 lb/ton
22-26%	8 lb/ton	6 lb/ton	10 lb/ton	8 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

1. Always check the moisture level when baling high moisture hay.
2. Avoid baling if windrow moisture level exceeds 30 percent.
3. For rained on hay or poorly ventilated hay increase the application rate by 4-5 lb/ton.
4. Make sure that spray nozzle placement and openings are such to give good even coverage.
5. Do not store dry hay on top of treated wet hay.

FOR USE ON CORN: Spray HAY CHEM on the corn using the application rates indicated by the chart below:

Grain	Moisture	Rate
Ground ear corn	28-34%	4-5 lb/ton
Shelled corn- cracked or rolled	24-30%	4-6 lb/ton

1. Harvest at full dent and at proper moisture level.
2. Apply HAY CHEM at the correct rate based on moisture content.
3. Make sure that the silo does not have any cracks or holes that will allow water leakage.
4. Ensilage rapidly with uniform distribution in the silo and with all kernels cracked.
5. Pack well for good fermentation. Seal off with plastic sheeting. It is good practice to feed off the top four feet before sealing as good compaction is not possible near the top.

FOR USE ON SILAGE, HAYLAGE, AND FEED BLENDS: Spray HAY CHEM on the crop at chopper intake or blower intake using the application rate indicated by 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	50-70%	2.5-3.5 lb/ton
Feed Blend (short term storage)		2-4 lb/ton (increase rate to increase stability)