



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 5, 2024

Kathy Skates  
Regulatory Affairs Manager  
Y-TEX Corporation  
1825 Big Horn Ave.  
Cody, WY 82414

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: BRUTE POUR-ON FOR CATTLE  
EPA Registration Number: 39039-7  
Application Date: March 11, 2021  
Decision Number: 572084

Dear Kathy Skates:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling

before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Carolyn Smith by phone at 202-566-2273, or via email at [smith.carolyn@epa.gov](mailto:smith.carolyn@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly Sherman", with a long horizontal flourish extending to the right.

Kelly Sherman  
Chief, Risk Management & Implementation Branch 3  
Pesticide Re-evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

PERMETHRIN	GROUP	3A	INSECTICIDE
------------	-------	----	-------------

## Ready-to Use Y-TEX<sup>®</sup> BRUTE<sup>®</sup> Pour-on for Cattle

**Active Ingredient**

Permethrin* . . . . .	10.0%
(3-Phenoxyphenyl)methyl (±) cis/trans 3-(2,2-dichloroethenyl) -2,2-dimethylcyclopropanecarboxylate.	
OTHER INGREDIENTS† . . . . .	90.0%
	100.0%

\*cis/trans ratio: Min. 35% (±) cis and Max. 65% (±) trans.

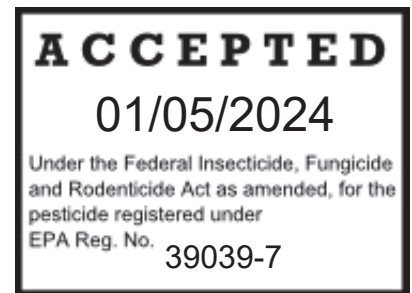
†Contains Petroleum Distillates

- For both Indoor and Outdoor use
- Long-lasting control of lice, horn flies and Gulf Coast ticks on lactating and non-lactating dairy cattle and beef cattle.
- Concentrate for dilution with diesel fuel or oil for backrubbers.
- Precise dose dispensed directly from container or dispensing gun.
- Long-lasting control of lice and mange mites on swine.
- Aids in control of biting flies, including mosquitoes, and nuisance flies on swine.
- Controls horn flies on horses for up to 2 weeks.
- Repels mosquitoes, including those that may transmit equine encephalitis and West Nile virus, for up to 5 days.
- Rain-resistant formulation.

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

EPA Est. No. 39578-TX-01    EPA Reg. No. 39039-7  
NET CONTENTS: [16 fl. oz. (473 mL)] [1 GALLON (3.8 L)]  
Y-TEX CORPORATION • 1825 Big Horn Avenue • Cody • WY 82414

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**CAUTION**



Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> <li>• Immediately call poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

**NOTE TO PHYSICIAN:** Contains petroleum distillates. May pose an aspiration pneumonia hazard. Have the product container or label with you when calling a poison control center or going for treatment. You may also contact 1-800-255-3924 (CHEM-TEL, INC.) for emergency medical treatment information.

**Personal Protective Equipment (PPE)**

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeve shirt and long pants;
- Shoes plus socks;
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or viton.
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate.

**User Safety Requirements**

- Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

**User Safety Recommendations**

- User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms including fish and invertebrates. To protect the environment, do not allow pesticides to enter or to run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This pesticide is highly toxic to bees and other pollinating insects exposed to direct treatment or to residues in/on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Protect pollinating insects by following label directions intended to minimize drift and to reduce risk to these organisms.

#### PHYSICAL & CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

#### STORAGE AND DISPOSAL

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

##### PESTICIDE STORAGE AND SPILL PROCEDURES:

Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**PESTICIDE DISPOSAL:** Pesticide that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility. Do not pour or dispose down the drain or sewer. Call your local solid waste Agency for local disposal.



##### CONTAINER DISPOSAL:

###### Containers one gallon and smaller:

**If empty:** Non-refillable container. Do not reuse this container. Offer for recycling, if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

###### Containers large than one gallon:

Metal containers – Triple rinse or equivalent, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Plastic containers – Triple rinse or equivalent, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Glass containers – Triple rinse or equivalent, then dispose of in a sanitary landfill or by other approved state and local procedures.

#### NOTICE OF WARRANTY:

To the extent consistent with applicable law, Y-TEX CORPORATION MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label, and in any case, is limited to replacement of product only.

#### Precautions and Use Restrictions

- When using as a surface spray in and around livestock premises, only protected handlers may be in the area during application. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Do not enter or allow others to enter treated area until sprays have dried.
- Do not breathe vapors or spray mist.
- Do not apply when food is present.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

- All outdoor applications must be limited to spot treatment.
- Not for use in outdoor residential misting systems.
- Not for indoor broadcast use.
- Not for use in commercial animal premise automatic misting systems.
- Do not apply by ULV cold foggers or fog/mist generators.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

**[BACK PANEL LABEL TEXT SPECIFIC TO CONTAINER WITH MEASURING CHAMBER  
INCORPORATED INTO CONTAINER]**

- Long-lasting control of biting flies, including mosquitoes that may transmit equine encephalitis and west Nile virus, on horses.
- Reduces bot fly eggs laid on horses for up to 4 days.
- Kills and repels black flies and ticks.
- Precise dose directly from container.
- Use in and around livestock premises as a spot treatment.

**One pint treats:**

<b>WEIGHT (lbs.)</b>	<b>No. of CATTLE</b>	<b>No. of SWINE</b>	<b>No. of HORSES</b>
199	157	78	78-157
399	78	40	40-78
599	52	32	26-52
799	40	--	20-40
1000	32	--	16-32

Store upright at room temperature. Avoid exposure to extreme temperatures. Do not contaminate water, food or feed by storage. See complete Storage and Disposal instructions.

**DIRECTIONS FOR USE**

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

**Resistance-management Recommendations.** For resistance management, Brute Pour-on for Cattle contains a Group 3A insecticide. Any pest population may contain individuals naturally resistant to Brute Pour-on for Cattle and other Group 3A insecticides. The resistant individuals may dominate the pest population if this group of insecticides are used repeatedly in the same herds. Appropriate resistance-management strategies should be followed.

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

**GENERAL PRECAUTIONS AND RESTRICTIONS**

For both indoor and outdoor use.

Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).

Rainfall within 24 hours after application may cause unintended runoff of pesticide application.”

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries and commercial fish ponds).

Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

Do not allow the product to enter any drain during or after application.

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

Treat surfaces to ensure thorough coverage but avoid runoff.

To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

Do not apply or irrigate to the point of runoff.

Do not allow the product to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.* Follow proper disposal procedures on this label. *Siga las indicaciones del etiquetado para el desecho apropiado del producto.*



### DIRECTIONS FOR USE ON CATTLE

For Dairy Cattle (lactating and non-lactating) and Beef Cattle. Shake well before using. Loosen cap over measuring chamber, squeeze bottle to fill measuring chamber with required dosage. Remove cap and apply to animal.	
TARGET INSECTS	APPLICATION INSTRUCTIONS
For up to 6 weeks' control of susceptible horn flies. ----- For control of lice, Gulf Coast ticks and aid in control of other tick species, face flies, stable flies, horse flies, deer flies, house flies, mosquitoes and black flies.	Apply down midline of back over shoulders. ----- Apply from poll down neck, over shoulders. ----- <b>Dose:</b> (ml or cc) <b>Weight:</b> (lbs.) 3                            200 6                            400 9                            600 12                          800 15                          1000 & over
For control of horn flies, lice, face flies, and stable flies.	<b>Backrubber:</b> Dilute 48 ml (1.6 fl. oz.) in 1 gal. diesel fuel or oil. Keep rubbing device charged. Results can be improved by forced use.

For cattle repeat treatment as needed, but not more often than once every 2 weeks. For optimum lice control, two treatments at a 14 day interval are recommended.

**Special Note:** Brute is non-systemic and will not control cattle grubs.

### DIRECTIONS FOR USE ON SWINE

For Swine 100 lbs. and over. Shake well before using. Tilt bottle to fill measuring chamber with required dosage. Remove cap and apply to animal.	
TARGET INSECTS	APPLICATION INSTRUCTIONS
For control of lice, mange mites and aids in control of biting flies, including mosquitoes, and nuisance flies.	Apply across back of head and ears, then apply down midline of neck, over shoulders. ----- <b>Dose:</b> (ml or cc) <b>Weight:</b> (lbs.) 3                            100 6                            200 9                            300 12                          400 15                          500 & over

For swine repeat treatment as needed, but not more often than once every 2 weeks. For optimum control, two treatments at a 14 day interval are recommended. Allow 5 days between last treatment and slaughter.

### DIRECTIONS FOR USE IN AND AROUND LIVESTOCK PREMISES

For use in and around livestock premises as a spot treatment. Shake well before using. Loosen cap over measuring chamber, squeeze bottle to fill measuring chamber with required dosage. Remove cap and apply. Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.	
TARGET INSECTS	APPLICATION INSTRUCTIONS
For control of house flies,	Apply undiluted as a coarse spray or wipe directly to surface where

stable flies and other nuisance pests in and around stables and other livestock premises.	pests crawl and alight. One fl. oz. will treat 560 ft <sup>2</sup> . One pint will treat 8900 ft <sup>2</sup> .
---	---

### DIRECTIONS FOR USE ON HORSES

For dirty horses, shampoo and rinse thoroughly. Wear chemical-resistant gloves or protective application mitt when using as a wipe-on for horses. Shake well before using. Loosen cap over measuring chamber, squeeze bottle to fill measuring chamber with required dosage. Remove cap and apply to animal. <b>Apply 3-6 ml per 200 lb. body wt. up to a max. of 30 ml. Do not treat foals under 12 weeks of age.</b>		
APPLICATION METHOD	TARGET PEST	APPLICATION INSTRUCTIONS
Ready-to-Use Wipe-on (Preferred method for optimum control of most pest species).	For control of mosquitoes, including those that may transmit equine encephalitis and West Nile virus, black flies, face flies, horn flies, lice and ticks. Aids in control of stable flies, horse flies, deer flies, house flies, bot flies and eye gnats.	Apply as a whole body wipe with cloth or insecticide application mitt. For the first application with a new cloth or mitt, apply twice the dosage to charge the application cloth or mitt. Pay special attention to where pests congregate. * Face flies and eye gnats – apply to face and around eyes, being careful not to get product in the eyes. * Black flies – wipe the inside of the ears, under chin, throat and midline of belly. * Stable flies – wipe legs, lower shoulders and belly. * Bot flies – wipe under chin, throat, chest and legs.
Ready-to-Use Pour-on	For control of horn flies.	Apply over withers and down back. Do not apply to horses that will be ridden within 24 hours of application. Pour-on application may leave an oily residue on the coat of some animals.

Repeat treatment as needed but not more often than once every 7 days.

### [BACK PANEL LABEL TEXT SPECIFIC TO CONTAINERS WITH A SEPARATE APPLICATOR GUN]

- Long-lasting control of biting flies, including mosquitoes that may transmit equine encephalitis and West Nile virus, on horses.
- Reduces bot fly eggs laid on horses for up to 4 days.
- Kills and repels black flies and ticks.
- Precise dose directly from container.
- Use in and around livestock premises as a spot treatment.

### One gallon treats:

WEIGHT (lbs.)	No. of CATTLE	No. of SWINE	No. of HORSES
199	1,514	757	757-1,514
399	757	378	378-757
599	504	252	252-504
799	378	--	189-378
1000	252	--	126-252

Store upright at room temperature. Avoid exposure to extreme temperatures. Do not contaminate water, food or feed by storage. See complete Storage and Disposal instructions.

### DIRECTIONS FOR USE

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

**Resistance-management Recommendations.** For resistance management, Brute Pour-on for Cattle contains a Group 3A insecticide. Any pest population may contain individuals naturally resistant to Brute Pour-on for Cattle and



other Group 3A insecticides. The resistant individuals may dominate the pest population if this group of insecticides are used repeatedly in the same herds. Appropriate resistance-management strategies should be followed.

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

### GENERAL PRECAUTIONS AND RESTRICTIONS

For both indoor and outdoor use.

Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).

Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries and commercial fish ponds).

Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

#### SPRAY DRIFT ADVISORIES

Handheld Technology Applications:

- Take precautions to minimize spray drift.

Do not allow the product to enter any drain during or after application.

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

Treat surfaces to ensure thorough coverage but avoid runoff.

To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

Do not apply or irrigate to the point of runoff.

Do not allow the product to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.* Follow proper disposal procedures on this label. *Siga las indicaciones del etiquetado para el desecho apropiado del producto.*



### DIRECTIONS FOR USE ON CATTLE

For Dairy Cattle (lactating and non-lactating) and Beef Cattle. Shake well before using.	
TARGET INSECTS	APPLICATION INSTRUCTIONS
For up to 6 weeks' control of susceptible horn flies.	Apply down midline of back over shoulders.
-----	-----
For control of lice, Gulf Coast ticks and aid in control of other tick species, face flies, stable flies, horse flies, deer flies, house flies, mosquitoes and black flies.	Apply from poll down neck, over shoulders.
	-----
	<b>Dose:</b> (ml or cc) <b>Weight:</b> (lbs.)
	2.5                      Birth - 199
	5.0                      200 - 399
	7.5                      400 - 599
	10.0                     600 - 799
	12.5                     800 - 999
	15.0                     1000 & over
For control of horn flies, lice, face flies, and stable flies.	<b>Backrubber:</b> Dilute 48 ml (1.6 fl. oz.) in 1 gal. diesel fuel or oil. Keep rubbing device charged.

Results can be improved by forced use.
--

For cattle repeat treatment as needed, but not more often than once every 2 weeks. For optimum lice control, two treatments at a 14 day interval are recommended.

**Special Note:** Brute is non-systemic and will not control cattle grubs.

#### DIRECTIONS FOR USE ON SWINE

For Swine (85 lbs. and over). Shake well before using.	
TARGET INSECTS	APPLICATION INSTRUCTIONS
For control of lice, mange mites and aids in control of biting flies, including mosquitoes, and nuisance flies.	Apply across back of head and ears, then apply down midline of neck, over shoulders.
	<b>Dose:</b> (ml or cc) <b>Weight:</b> (lbs.)
	2.5                      85 - 169
	5.0                      170 - 254
	7.5                      255 - 339
	10.0                     340 - 424
	12.5                     425 - 509
15.0                     510 & over	

For swine repeat treatment as needed, but not more often than once every 2 weeks. For optimum control, two treatments at a 14 day interval are recommended. Allow 5 days between last treatment and slaughter.

#### DIRECTIONS FOR USE IN AND AROUND LIVESTOCK PREMISES

For use in and around livestock premises as a spot treatment. Shake well before using. Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.	
TARGET INSECTS	APPLICATION INSTRUCTIONS
For control of house flies, stable flies and other nuisance pests in and around stables and other livestock premises.	Apply undiluted as a coarse spray or wipe directly to surface where pests crawl and alight. One fl. oz. will treat 560 ft <sup>2</sup> . One gallon will treat 71,200 ft <sup>2</sup> .

#### DIRECTIONS FOR USE ON HORSES

For dirty horses, shampoo and rinse thoroughly. Wear chemical-resistant gloves or protective application mitt when using as a wipe-on for horses. Shake well before using. <b>Apply 2.5-5 ml per 166 lb. body wt. up to a max. of 30 ml. Do not treat foals under 12 weeks of age.</b>		
APPLICATION METHOD	TARGET PEST	APPLICATION INSTRUCTIONS
Ready-to-Use Wipe-on (Preferred method for optimum control of most pest species).	For control of mosquitoes, including those that may transmit equine encephalitis and West Nile virus, black flies, face flies, horn flies, lice and ticks. Aids in control of stable flies, horse flies, deer flies, house flies, bot flies and eye gnats.	Apply as a whole body wipe with cloth or insecticide application mitt. For the first application with a new cloth or mitt, apply twice the dosage to charge the application cloth or mitt. Pay special attention to where pests congregate. * Face flies and eye gnats – apply to face and around eyes, being careful not to get product in the eyes. * Black flies – wipe the inside of the ears, under chin, throat and midline of belly. * Stable flies – wipe legs, lower shoulders and belly. * Bot flies – wipe under chin, throat, chest and legs.
Ready-to-Use Pour-on	For control of horn flies.	Apply over withers and down back. Do not apply to horses that will be ridden within 24 hours of application. Pour-on application may leave an oily residue on the coat of some animals.

Repeat treatment as needed but not more often than once every 7 days.