

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 14, 2012

Joe D. Kellerby  
Y-TEX Corporation  
1825 Big Horn Ave., PO Box 1450  
Cody, WY 82414

Subject: Amended Reregistration Label  
Product Name: Brute® Pour-On for Cattle  
EPA Registration Number: 39039-7  
EPA Decision Number: 413493

Dear Mr. Kellerby,

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

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

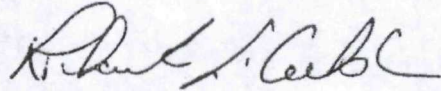
In addition, please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 3/4/2010
- Alternate CSF #1, dated 3/4/2010

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Julie Chao at (703) 308-8735 or [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Sincerely,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted," dated March 14, 2012  
Acute Toxicity Review, dated June 7, 2011  
Product Chemistry Review, dated June 29, 2011*

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

# Master Label

EPA. Reg. No: 39039-7 Ready-to Use  
Y-TEX<sup>®</sup>

## BRUTE<sup>®</sup>

### Pour-on for Cattle

- 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.

Active Ingredient

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

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

KEEP OUT OF REACH OF CHILDREN

### CAUTION

SEE INSIDE OF BACK PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS:

EPA Est. No. 39578-TX-01 EPA Reg. No. 39039-7  
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.

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 nitrile or neoprene rubber.
- 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.
- Users 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 exposed to direct treatment 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.

#### 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.

#### FIRST AID

##### IF SWALLOWED

- Immediately call poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

# Master Label

## 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.

### 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.

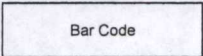
**BACK PANEL LABEL TEXT SPECIFIC TO CONTAINER  
WITH MEASURING CHAMBER INCORPORATED INTO CONTAINER:**

- 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:**

WEIGHT (lbs.)	No. of CATTLE	No. of SWINE	No. of HORSES
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 inside for 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.

**GENERAL PRECAUTIONS AND RESTRICTIONS**

Do not make applications during rain.

**DIRECTIONS FOR USE ON CATTLE**

For Dairy Cattle (lactating and non-lactating) and Beef Cattle. Shake well before using. Loosen cap, 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.	Apply down midline of back over shoulders.
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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.  Dose: (ml or cc)    Weight: (lbs.) 3                      200 6                      400 9                      600 12                     800 15                     1000 & over

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.

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.

**DIRECTIONS FOR USE ON CATTLE CONTINUED**

TARGET INSECTS	APPLICATION INSTRUCTIONS
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.

**DIRECTIONS FOR USE ON SWINE**

For Swine 100 lbs. and over. Shake well before using. Loosen cap, squeeze 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.  Dose: (ml or cc)    Weight: (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, 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, 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 pint will treat 8900 ft <sup>2</sup> .

**DIRECTIONS FOR USE ON HORSES**

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

For dirty horses, shampoo and rinse thoroughly. Wear protective gloves or protective application mitt when using as a wipe-on for horses. Shake well before using. Loosen cap, squeeze bottle to fill measuring chamber with required dosage. Remove cap and apply to animal. 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.		
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. <ul style="list-style-type: none"> <li>• Face flies and eye gnats – apply to face and around eyes being careful not to get product in the eyes.</li> <li>• Black flies – wipe the inside of the ears, under chin, throat and midline of belly.</li> <li>• Stable flies – wipe legs, lower shoulders and belly.</li> <li>• Bot flies – wipe under chin, throat, chest and legs.</li> </ul>
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.

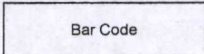
BACK PANEL LABEL TEXT SPECIFIC TO CONTAINERS  
WITH A SEPARATE APPLICATOR GUN:

- 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 dispensing gun.
- Use in and around livestock premises as a spot treatment.

One pint 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 inside for 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.

GENERAL PRECAUTIONS AND RESTRICTIONS  
Do not make applications during rain.

DIRECTIONS FOR USE ON CATTLE

TARGET INSECTS		APPLICATION INSTRUCTIONS	
For Dairy Cattle (lactating and non-lactating) and Beef Cattle. Shake well before using.			
For up to 6 weeks' control of susceptible horn flies.		Apply down midline of back over shoulders.	
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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.	
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Dose: (ml or cc)		Weight: (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 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 gnats.

DIRECTIONS FOR USE ON CATTLE CONTINUED

TARGET INSECTS	APPLICATION INSTRUCTIONS
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.

DIRECTIONS FOR USE ON SWINE

TARGET INSECTS		APPLICATION INSTRUCTIONS	
For Swine (85 lbs. and over). Shake well before using.			
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.	
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Dose: (ml or cc)		Weight: (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

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

For dirty horses, shampoo and rinse thoroughly. Wear protective gloves or protective application mitt when using as a wipe-on for horses. Shake well before using. **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.**

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. <ul style="list-style-type: none"> <li>• Face flies and eye gnats – apply to face and around eyes being careful not to get product in the eyes.</li> <li>• Black flies – wipe the inside of the ears, under chin, throat and midline of belly.</li> <li>• Stable flies – wipe legs, lower shoulders and belly.</li> <li>• Bot flies – wipe under chin, throat, chest and legs.</li> </ul>
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