ENGLISH

E-Pro Adulticide Spray

BENEFITS
• For control of insect infestations in dairy, beef, swine and poultry operations
• Residual surface treatment
• On animal use

KEY FEATURES
• Dilute with water or suitable mineral oil
• On animal and structural application use
• Perimeter treatments
• Tank mix partner with Insect Growth Regulators (IGR’s) or Pyrethrin containing products

ON ANIMAL USE
• Lactating and Non-Lactating Dairy Cattle
  Beef Cattle
  Sheep
  Goats
• Swine
• Poultry
• Horses

APPLICATION METHODS
• Surface Spray and Spot Treatment
• Fog or Mist
• On Animal
• Dip
• Back Rubber

APPLICATION SITES
(See label for insects controlled by site)
• Barns
• Dairies
• Feedlots
• Poultry Houses
• Stables
• Swine and Livestock Houses

DILUTION RATES
See reverse side for dilution rates based on application

VITAL FACTS
ACTIVE INGREDIENT
Permethrin (36.8%)

MODE OF ACTION
Sodium channel disruptor

EPA REGISTRATION NUMBER
89459-66

TARGET INSECTS
• Bees
• Black Flies
• Cockroaches
• Darkling Beetles
• Deer Flies
• Ear Ticks
• Eye Gnats
• Face Flies
• Fleas
• Horn Flies
• Horse Flies
• House Flies
• Lesser Mealworms
• Lice
• Mange Mites
• Northern Fowl Mites
• Scabies Mites
• Sheep Keds
• Stable Flies
• Ticks
• Wasps

To learn more about E-Pro Adulticide Spray visit starbarproducts.com or call 800-347-8272
**PERIMETER TREATMENT:**
Apply to band of soil and vegetation 6 to 10 feet wide around and adjacent to the structure. Also, treat the foundation of the structure to a height of 2 to 3 feet. Use a spray volume of 2 to 10 gallons of emulsion per 1000 square feet. Higher volumes of water may be needed if mulch or leaf litter is present or foliage is dense.

**AGRICULTURAL STRUCTURES:**
FOR AGRICULTURAL USE ONLY
APPLICATION INSTRUCTIONS
E-Pro Adulticide can be used for residual pest control in and on buildings and structures used for agricultural purposes.

E-Pro Adulticide is an emulsifiable concentrate to be diluted with water and applied as an emulsion to control pests in and around agricultural structures. Pests controlled are listed in the accompanying table.

Spray directly or apply by spot treatment to walls and ceiling as a residual surface treatment only. Do not treat manure or litter. Avoid contamination of feed and water.

**DILUTION RATES BY APPLICATION AND INSECT:**

<table>
<thead>
<tr>
<th>INSECT</th>
<th>ON ANIMAL</th>
<th>SURFACE SPRAY/SPOT TREATMENT</th>
<th>FOGGING/MISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lesser Mealworms</td>
<td>Lactating and Non: Dairy and Beef</td>
<td>4 fl. oz. to 12.5 gallons of water</td>
<td>Agricultural Structures 1.5 to 2.0 fl. oz. per 1 gallon of water</td>
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<tr>
<td>Darkling Beetles</td>
<td>Cattle, Goats and Sheep</td>
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<tr>
<td>House Flies</td>
<td>4 fl. oz to 50 gallons water (treats 200 head)</td>
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<tr>
<td>Stable Flies</td>
<td>Lactating and Non:</td>
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<tr>
<td>Cockroaches</td>
<td>Dairy and Beef Cattle, Goats and Sheep</td>
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<tr>
<td>Horn Flies</td>
<td>4 fl. oz to 25 gallons water (treats 50-100 head)</td>
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<td>High Pressure Sprayer</td>
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<tr>
<td>Face Flies</td>
<td>Lactating and Non: Dairy and Beef</td>
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</tr>
<tr>
<td>Stable Flies</td>
<td>Cattle, Goats and Sheep</td>
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<tr>
<td>Horse Flies</td>
<td>4 fl. oz to 2½ gallons water (treats 64-80 head)</td>
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<td>Low Pressure Sprayer</td>
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<tr>
<td>Deer Flies</td>
<td>Lactating and Non:</td>
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<td>Black Flies</td>
<td>Dairy and Beef Cattle, Goats and Sheep</td>
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<td>Eye Gnats</td>
<td>4 fl. oz to 2½ gallons water (treats 64-80 head)</td>
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<td>Mange Mites</td>
<td>Lactating and Non:</td>
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<td>Scabies Mites</td>
<td>Dairy and Beef Cattle, Goats and Sheep</td>
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<td>Ticks</td>
<td>4 fl. oz to 2½ gallons water (treats 64-80 head)</td>
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<td>Lice</td>
<td>Lactating and Non:</td>
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<td>Sheep Keds</td>
<td>Dairy and Beef Cattle, Goats and Sheep</td>
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<td>Northern Fowl Mites</td>
<td>Poultry</td>
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<td>Lice</td>
<td>1-4 fl. oz. to 3½ gallons water (treats 375 head)</td>
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<td>Lice and Mange</td>
<td>Swine</td>
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<td>4 fl. oz to 25 gallons water (treats 50-100 head)</td>
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<tr>
<td>Horses</td>
<td>¼ fl. oz. to 1 pint water</td>
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<td>Low Pressure Sprayer</td>
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