# ELANCO FLY CONTROL FOR BEEF CATTLE

## Confined Cattle

### Premise Flies

<table>
<thead>
<tr>
<th>House Fly</th>
<th>Stable Fly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flies on structures, animals and around feed</td>
<td>Flies on lower parts of legs; cattle bunching</td>
</tr>
</tbody>
</table>

### What You’ll See

- **Breed in**: Manure and moist, decaying organic materials
- **Rest on**: Manure, soil, fences, weeds, trees, buildings, hutches
- **Feed on**: Manure, old feed, waste, sweat, tears

### Economic Impact

- **Carry and transmit disease organisms**
- **Reduced milk production and weight gain**

### Confined Cattle Fly Control Products

#### On-Animal
- Permectrin® II Spray
- Permectrin® CDS Pour-On
- Ravap® EC (restricted-use pesticide)
- Vapona® Concentrate Insecticide (restricted-use pesticide)

#### Facility
- Neporex® 2 SG Bait / Spot Spray / Granules
- Annihilator™ Polyzone® Spray
- Permectrin II Spray
- Tempo® SC Ultra Spray
- Agita® 10 WG Spot Spray
- QuickBayt® Fly Bait
- QuickBayt® Spot Spray
- Rabon® 50 WP Manure Spray
- Ravap EC Spray (restricted-use pesticide)

#### Environment
- Neporex® 2 SG Bait / Spot Spray / Granules
- Agita® 10 WG Spot Spray
- QuickBayt® Fly Bait
- QuickBayt® Spot Spray
- Vapona® Spray (restricted-use pesticide)

#### Non-Chemical Control
- Sanitation
- Screening
- Fly predators
- Traps
- Vegetation management

## Pasture Cattle

### Pasture Flies

<table>
<thead>
<tr>
<th>Horn Fly</th>
<th>Face Fly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flies on backs and sides of cattle; tails swishing</td>
<td>Flies on animal’s face around eyes and muzzle</td>
</tr>
</tbody>
</table>

### What You’ll See

- **Breed in**: Manure mixed with moist, decaying organic materials
- **Rest on**: Barn walls, fences, weeds, other surfaces
- **Feed on**: Blood (cattle)

### Economic Impact

- **Fresh, undisturbed manure**
- **Cattle**: Fence posts, trees, bushes, other objects
- **Blood (cattle)**: Saliva, tears and nasal mucus
- **Reduced weight gain and milk production**
- **Carry the bacteria that causes pink eye**

### Pasture Cattle Fly Control Products

#### On-Animal
- CyLence® Pour-On Insecticide
- CyLence Ultra® Ear Tag
- Permectrin II Spray
- Permectrin CDS Pour-On Insecticide / Ready-To-Use Spray / Backrubber / Oiler / Wipe-On
- Co-Ral® Fly & Tick Spray / Backrubber
- Co-Ral® 1% Livestock Dust Insecticide
- Corathon® Ear Tags
- Patriot™ Ear Tag

#### Feed-Through
- Rabon® Oral 7.76 Oral Larvicide Pre-Mix

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**Defense Point Fly Control Strategies**

- Sanitation
- Screening
- Fly predators

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**Insect Growth Regulator (IGR)**

**Pyrethroids**

**Neonicotinoids**

**Organophosphates**

**Rotate to an alternative M.O. group**

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