







ELANCO PARASITICIDES

MIXING & APPLICATION GUIDE



CHEMICAL CLASSES


-  Insect Growth Regulator (IGR)
-  Spinosyns
-  Pyrethroids
-  Neonicotinoids
-  Organophosphates
-  Milbemycin





See product labels for complete product information, indications and application instructions.


KEY

CATTLE TYPE


 Beef


 Dairy


 Non-Lactating Dairy Only


 Premise


PESTS


 Beetles


 Flies


 Grubs

 Lice


 Mites


 Ticks


 Worms


 Broad Spectrum


APPLICATIONS


 Backrubber


 Dust


 Ear Tag


 Feed Additive


 Fog

 Mist
















 Pour-On

 Scatter















 Spray

 Wetdown














INSECTICIDE EAR TAGS

| PRODUCT | CHEMICAL CLASS | MIXING RATE | DURATION | APPLICATION | HOW TO ADMINISTER | INTENDED USE |
|---|---|-------------|----------------|---|--|---|
|  |  | N/A | Up to 5 months | On Animal  | Use Allflex® Universal Total Tagger with red pin and black clip to apply tags to cattle. |   |
|  |  | N/A | Up to 5 months | On Animal  | |   |
|  |  | N/A | Up to 5 months | On Animal  | |   |









DUSTS

















| | | | | | | |
|---|---|--------------|------------|---|---|---|
|  |  | Ready to use | | Resting areas  | Apply lightly and uniformly to infested areas: floors, walls and bedding, cracks and crevices |  |
|  |  | Ready to use | Continuous | On Animal  | Self-treating dust bag or shaker can application |    |
|  |  | Ready to use | Continuous | On Animal  | Self-treating dust bag or shaker can application |   |


LARVICIDES




















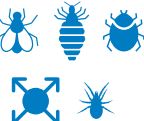
















| | | | | | | |
|---|---|-------------------|------------|--|--|---|
|  |  | 1.5 lbs./ton | Continuous | Breeding areas  | Product is to be mixed and fed to the animal each day. |  |
|  |  | 1 lb./1 gal. | 2-3 weeks | Breeding areas  | Spray on fly breeding sites with hand-pressurized or power-operated sprayers, or other suitable spray equipment or, scatter around premise and facilities. |  |
|  |  | 2 fl. oz./10 gal. | 2-3 weeks | On Animal, Breeding Areas, Resting Areas  | Use enough water in a directed spray to contact flies and their resting surfaces. Spray thoroughly, but do not allow runoff to occur. |   |

FLY BAITS

| | | | | | | |
|---|---|--------------------|-------------------------------------|--|--|---|
|  |  | Ready to use | Weekly/as needed | Bait  | Scatter around premise and facilities. Can also be mixed with water and sprayed. |  |
|  |  | 1 lb./1 gal. water | 2 weeks outdoors 6 weeks indoors | Bait  | Spray product where flies aggregate: on walls, around windows, on surfaces. |  |

| | PRODUCT | CHEMICAL CLASS | MIXING RATE | DURATION | APPLICATION | HOW TO ADMINISTER | INTENDED USE |
|----------|--|---|--------------|-------------------|---|---|---|
| POUR-ONS | Clean-Up™ II Pour-On Insecticide with IGR  |  | Ready to use | 2-3 weeks | On animal  | Pour along back line and down face. |  |
| | Cylence® Pour-On Insecticide  |  | Ready to use | 3 weeks | On animal  | Apply required amount of solution directly along the top of the back and top of the head of the animal. |  |
| | Permethrin® CDS Pour-On Insecticide  |  | Ready to use | 2 weeks as needed | On animal, resting area, knockdown  | Pour label directed dosage along back and down face. |  |
| | CYDECTIN® (moxidectin) Pour-On  |  | Ready to use | 2-3 weeks | On animal  | Apply 1 ml for each 22 lbs. of body weight along the top of back from the withers to tailhead. |  |

| | | | | | | | |
|-------------|--|---|--------------|-----------|------------|--|---|
| INJECTABLES | CYDECTIN® (moxidectin) Injectable  |  | Ready to use | 2-4 weeks | Injectable | Injectable should be administered by subcutaneous injection under the loose skin in front of or behind the shoulder. |  |
|-------------|--|---|--------------|-----------|------------|--|---|

| | | | | | | | |
|--------|--|---|--|--|--|---|---|
| SPRAYS |  |  | 4 oz./30 fl. oz. 8 oz./60 fl. oz. 16 oz./120 fl. oz. 2.2 lbs./2 gal. | 2-3 weeks as needed | Bait  | Mix product and apply spray to intended treatment area. |  |
| | Catron® IV  |  | Ready to use | 3 weeks, as needed | On animal  | For flies: Thoroughly spray forelegs, withers and back. For wounds: Spray directly onto wound and surrounding area. |  |
| | Co-Ral® Fly & Tick Spray  |  | 1/2 gal. per 100 gal. H ₂ O | Do not apply less than 10 days apart | On animal  | Operate spray equipment to thoroughly penetrate the hair coat. |  |
| | Permethrin® II  |  | Ready to use spray: 8 oz./6.25 gal. 1 qt./25 gal. Backrubbers and Oilers: 8 oz./5 gal. or 1 qt./20 gal. Spot Spray: 2 oz./1 gal. oil or water Spray: 8 oz./50 gal. or 1 qt./200 gal. water | Do not spray less than 2 weeks apart | On animal, resting areas, knockdown  | Premise , apply based on spray, misting or fogging equipment used. Large Animal: Spray to thoroughly cover entire animal. Charge backrubber. For spot treatment, apply on ears, face or along backline. |  |
| | Rabon® 50WP  |  | ½-1 gal. of spray per animal ½-1 gal. of solution/ 500 sq. ft. | Do not spray less than 2 weeks apart | On animal, breeding areas, resting areas  | Use a low-pressure coarse spray and apply only to point before runoff. Spray on intended treatment area. |  |
| | Ravap® EC*  |  | 1 gal. in 75 gal. 5 oz. in 3 gal. | Do not make direct application to livestock more frequently than once per day | On animal, breeding areas, resting areas  | Spray directly on the animal only to the point of runoff. Thoroughly cover application area where pests congregate. |  |
| | Cylence Ultra™ Premise Spray  |  | 8 mL/gal. H ₂ O 16 mL/gal. H ₂ O | Can be reapplied at 10 day intervals if needed | Resting areas  | Use a low-pressure system with a fan type nozzle to uniformly apply the dilution. |  |
| | Cylence Ultra™ Pest Control Concentrate  |  | 1 Tbsp./gal. H ₂ O | Can be reapplied at 7-10 day intervals if needed | Resting areas  | Apply diluted concentrate as a general surface spray. |  |
| | Vapona®* Concentrate Insecticide  |  | 1-2 fl. oz./animal as mist spray (diluted solution) | Do not make direct application to livestock more frequently than once per day. | On animal, breeding areas, resting areas, knockdown  | Apply diluted solution as an on-animal spray or as a premise space spray mist. |  |