Solitude IGR™
feed-through FLY PREVENTIVE for horses

- Solitude IGR prevents the development of houseflies and stable flies in the treated manure from the horse by breaking their lifecycle.

**Indications:**
- Begin feeding in the spring before flies appear and continue feeding throughout the summer and into the fall until cold weather inhibits fly development.
- Horses, horse barns, horse stables and paddocks, horse race tracks.
- Solitude IGR is a product which, when mixed into the horse's ration according to the "Directions for Use" given below, will control certain fly species that develop into adults. Once the fly reaches adulthood, cyromazine has no effect on the chitin of the adult fly.
- Solitude IGR prevents the development of houseflies and stable flies in the treated manure from the horse by breaking their lifecycle.

**Dosage and Administration for Control of Houseflies and Stable Flies**
- Begin feeding in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather inhibits fly development.

**Environmental Hazards**
- Do not apply directly to water. Do not contaminate water by disposing of equipment wash water or rinsate.

**Directions for Use**
- In a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Important:** Read the entire "Directions for Use" before using the product.
- Failure to follow directions and precautions on the label may result in poor fly control. DO NOT USE ON HORSES INTENDED FOR SLAUGHTER FOR FOOD. Mix the recommended dosage to each horse separately to make certain full ration is received. This product is to be fed top-dressed on hard feed or mixed with the horse's total ration to provide 300 mg (1 scoop) of cyromazine per horse per day or 600 mg (2 scoops) of cyromazine per horse every other day.

**Start Feeding Solitude IGR** early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather inhibits fly development.

**Storage and Disposal**
- Solitude IGR prevents the development of houseflies and stable flies in the treated manure from the horse, but is not effective against existing adult flies. The active ingredient, cyromazine, is very insect specific. Cyromazine disrupts the production of chitin in the fly so the larva (maggot) cannot develop into adults. Once the fly reaches adulthood, cyromazine has no affect on the chitin of the adult fly.
- In some cases, supplemental fly control measures may be needed in and around paddocks and stables to control adult houseflies and stable flies, which can breed not only in manure, but in other decaying vegetable matter or silage on premises.

**In order to achieve optimum fly control, Solitude IGR should be used in conjunction with other good management and sanitation practices.**

**Dosage and Administration for Control of Houseflies and Stable Flies**
- Begin feeding in the spring before flies appear and continue feeding throughout the summer and into the fall until cold weather inhibits fly development.
- Mixing Solitude IGR:
  - **Daily Dosage:** Using 1/2 oz. scoop supplied with the product, mix one (1) scoop of Solitude IGR in the horse's ration every other day.
  - **Alternate Day Dosage:** Using 1/2 oz. scoop supplied with the product, mix two (2) scoops of Solitude IGR in the horse's ration every other day.

Solitude IGR will provide a high degree of fly control and will give the best results when integrated with a well-managed fly control program which includes determining the degree of fly control desired, encouraging fly breeding sites, monitoring adult fly populations in and around the operation, and frequent examinations of manure for maggots. To maximize the effectiveness of Solitude IGR, horses must be individually fed with no group or trough feeding.

**Additional Information**
- Fly control in horse operations should include appropriate sanitary and management practices to reduce the number and size of fly breeding sites. A successful sanitary and management program may allow less than constant use of insecticides. This, in turn, should prolong the effective life of such agents.

**Controlling Fly Breeding Sites:** Certain conditions around horse operations encourage flies and should be brought under control as an aid to fly control. These include:
- 1. Cleaning up feed and manure spills, especially if wet.
- 2. Reducing feed spills in the waste areas.
- 3. Minimizing Concentrated breeding sites by removing collected manure prior to treating with Solitude IGR.
- 4. Reducing residues in manure, hay and/or straw around holding areas.
- 5. Reducing the amount of excess hay/leftover from pasture feeding.
- 6. Removing water basins that collect water.
- 7. Cleaning out water-filled water drainage ditches.
- 8. Minimizing sources from other fly-infested animal operations in close proximity.

**Determining the Threshold of Fly Tolerance:** Fly pressure can vary depending upon farm location, season of the year, and emphasis on sanitation. The frequency of manure removal and proximity of the farm to neighbors or residential areas will greatly influence the expected degree of fly control. Each farm must determine the level of fly control required and follow an appropriate control program.

**STORAGE AND DISPOSAL**
- Do NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE AND DISPOSAL.

**Pesticide Storage:** Store stable in a dry place. Keep container closed when not in use. In the event of spillage, scrape up and discard of material in accordance with information given under PESTICIDE DISPOSAL.

**Disposal:** Waste resulting from the use of this product may be disposed of in an off-site or on-site waste disposal facility.

**Container Disposal:** Completely empty bucket. Then dispose of empty bucket in a sanitary landfill or by incineration if allowed by State and local authorities.

**Recommended Sources of Fly Control**

- 1. Cleaning up feed and manure spills, especially if wet.
- 2. Reducing feed spills in the waste areas.
- 3. Minimizing Concentrated breeding sites by removing collected manure prior to treating with Solitude IGR.
- 4. Reducing residues in manure, hay and/or straw around holding areas.
- 5. Reducing the amount of excess hay/leftover from pasture feeding.
- 6. Removing water basins that collect water.
- 7. Cleaning out water-filled water drainage ditches.
- 8. Minimizing sources from other fly-infested animal operations in close proximity.

- Pfizer Animal Health
- Exton, PA 19341
- Manufactured for: Div. of Pfizer Inc.
- NY, NY 10017
- EPA Reg. No. 1007-93
- EPA Est. No. 67517-MO-1
- DIRECTIONS FOR USE
- Do not use directly to water. Do not contaminate water by disposing of equipment wash water or rinsate.
- IMPORTANT: Read the entire "Directions for Use" before using the product. Failure to follow directions and precautions on the label may result in poor fly control. DO NOT USE ON HORSES INTENDED FOR SLAUGHTER FOR FOOD. Mix the recommended dosage to each horse separately to make certain full ration is received. This product is to be fed top-dressed on hard feed or mixed with the horse's total ration to provide 300 mg (1 scoop) of cyromazine per horse per day or 600 mg (2 scoops) of cyromazine per horse every other day. Start feeding Solitude IGR early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather inhibits fly development.
- Solitude IGR prevents the development of houseflies and stable flies in the treated manure from the horse, but is not effective against existing adult flies. The active ingredient, cyromazine, is very insect specific. Cyromazine disrupts the production of chitin in the fly so the larva (maggot) cannot develop into adults. Once the fly reaches adulthood, cyromazine has no affect on the chitin of the adult fly.
- The Stable Fly Life Cycle includes determining the degree of fly control desired, encouraging fly breeding sites, monitoring adult fly populations in and around the operation, and frequent examinations of manure for maggots. To maximize the effectiveness of Solitude IGR, horses must be individually fed with no group or trough feeding.
- Additional Information, Fly control in horse operations should include appropriate sanitary and management practices to reduce the number and size of fly breeding sites. A successful sanitary and management program may allow less than constant use of insecticides. This, in turn, should prolong the effective life of such agents.
- Controlling Fly Breeding Sites: Certain conditions around horse operations encourage flies and should be brought under control as an aid to fly control. These include:
- 1. Cleaning up feed and manure spills, especially if wet.
- 2. Reducing feed spills in the waste areas.
- 3. Minimizing Concentrated breeding sites by removing collected manure prior to treating with Solitude IGR.
- 4. Reducing residues in manure, hay and/or straw around holding areas.
- 5. Reducing the amount of excess hay/leftover from pasture feeding.
- 6. Removing water basins that collect water.
- 7. Cleaning out water-filled water drainage ditches.
- 8. Minimizing sources from other fly-infested animal operations in close proximity.
- Determining the Threshold of Fly Tolerance: Fly pressure can vary depending upon farm location, season of the year, and emphasis on sanitation. The frequency of manure removal and proximity of the farm to neighbors or residential areas will greatly influence the expected degree of fly control. Each farm must determine the level of fly control required and follow an appropriate control program.

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**H. House Fly Life Cycle:**
- S: 2-4 weeks
- H: 3-10 days
- Pup: 3-10 days
- L: 2-4 weeks
- Adult: 3-10 days

**S. Stable Fly Life Cycle:**
- S: 1-3 weeks
- L: 2-4 weeks
- H: 3-10 days
- Pup: 3-10 days
- Adult: 3-10 days

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**Toxicity:**
- Oral LD₅₀: 7.25 mg/kg (rat)
- Dermal LD₅₀: 5,000 mg/kg (rat)
- Inhalation LC₅₀: 4,000 mg/m³ (rat)
- Skin irritation: Skin Irritation Test: 0.75 mg/kg (rabbit)
- Eye irritation: Eye Irritation Test: 0.75 mg/kg (rabbit)
- Skin sensitization: Skin Sensitization Test: 0.75 mg/kg (rabbit)
- Local respiratory irritation: Local Respiratory Irritation Test: 0.75 mg/kg (rabbit)

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**References:**

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**Pesticide Storage:**
- Store in a dry place. Keep container closed when not in use. In the event of spillage, scrape up and discard of material in accordance with information given under PESTICIDE DISPOSAL.

**Disposal:**
- Waste resulting from the use of this product may be disposed of in an off-site or on-site waste disposal facility.

**Container Disposal:**
- Completely empty bucket. Then dispose of empty bucket in a sanitary landfill or by incineration if allowed by State and local authorities.
You may also contact 1-888-963-8471 for emergency medical assistance. Have the product container or label with you when calling a FIRST AID provider.

**Indications:**

For fly control in and around:

- Horse stables
- Paddocks
- Holding areas
- Pasture areas

**Dosage:**

- Daily Dosage:
  - Using 1/2 oz. scoop supplied with the product,
  - Mix two (2) scoops of Solitude IGR in the horse's ration every other day.

- Alternate Day Dosage:
  - Using 1/2 oz. scoop supplied with the product,
  - Mix two (2) scoops of Solitude IGR in the horse's ration every other day.

**Intended Use:**

Solitude IGR prevents the development of houseflies and stable flies. It is effective for fly control in horse operations. It may be used in conjunction with other good management and sanitation practices to reduce the number of fly larvae and adults.

**How to Apply:**

- Mix two (2) scoops of Solitude IGR in the horse's ration every other day.

**Stability:**

Solitude IGR is stable in a horse's ration and will give the best results when integrated with a well-managed control program.

**DIRECTIONS FOR USE:**

1. **Intended Use:**
   - Solitude IGR is intended for use in horse operations to prevent the development of houseflies and stable flies. It is designed to be mixed into the horse's ration as part of a fly control program.

2. **Application:**
   - Mix two (2) scoops of Solitude IGR in the horse's ration every other day.

3. **Storage:**
   - Store Solitude IGR in a dry place. Keep the container closed when not in use. In the event of spillage, scrape up and dispose of material in accordance with information given under PESTICIDE DISPOSAL.

4. **Communication:**
   - Communicate the threshold of fly tolerance to the spraying service provider. This service provider should be notified of the threshold of fly tolerance prior to conducting a spray service.

5. **Supervisor:**
   - The supervisor responsible for ensuring the fly control program is in place should be informed of the threshold of fly tolerance and the appropriate dosages.

6. **Monitoring:**
   - Monitoring the threshold of fly tolerance is important for maintaining an effective fly control program. The supervisor should monitor the threshold of fly tolerance and adjust the dosage if necessary.

7. **Contingency Plan:**
   - In the event of an emergency or unexpected situation, the supervisor should have a contingency plan in place to address any issues that may arise.

8. **Conclusion:**
   - Solitude IGR is an effective insect growth regulator for fly control in horse operations. It is designed to be mixed into the horse's ration as part of a fly control program. The supervisor should communicate the threshold of fly tolerance to the spraying service provider and monitor the threshold to ensure effective fly control.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

- Solitude IGR is toxic to birds and animals. Do not apply directly to water. Do not contaminate water, food, or feed by either using or disposing of it in a concentrated form. Keep children and pets away from treated areas.

**PESTICIDE STORAGE:**

- Store in a dry place. Keep the container closed when not in use. Dispose of empty container in accordance with local regulations. Do not reuse or refill this container. Offer for recycling if available.

**CONTAINER DISPOSAL:**

- Completely empty bucket. Then dispose of empty bucket in a waste disposal facility. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

**PESTICIDE DISPOSAL:**

- Repackage and relabel material in accordance with information given under PESTICIDE DISPOSAL. Repackage and relabel material in accordance with information given under PESTICIDE DISPOSAL. Cover all openings of the container with a tight-fitting lid before disposal. Do not contaminate water, food, or feed by either using or disposing of it in a concentrated form. Keep children and pets away from treated areas.

**PRECAUTIONARY STATEMENTS:**

- Do not apply directly to water. Do not contaminate water, food, or feed by either using or disposing of it in a concentrated form. Keep children and pets away from treated areas.

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