

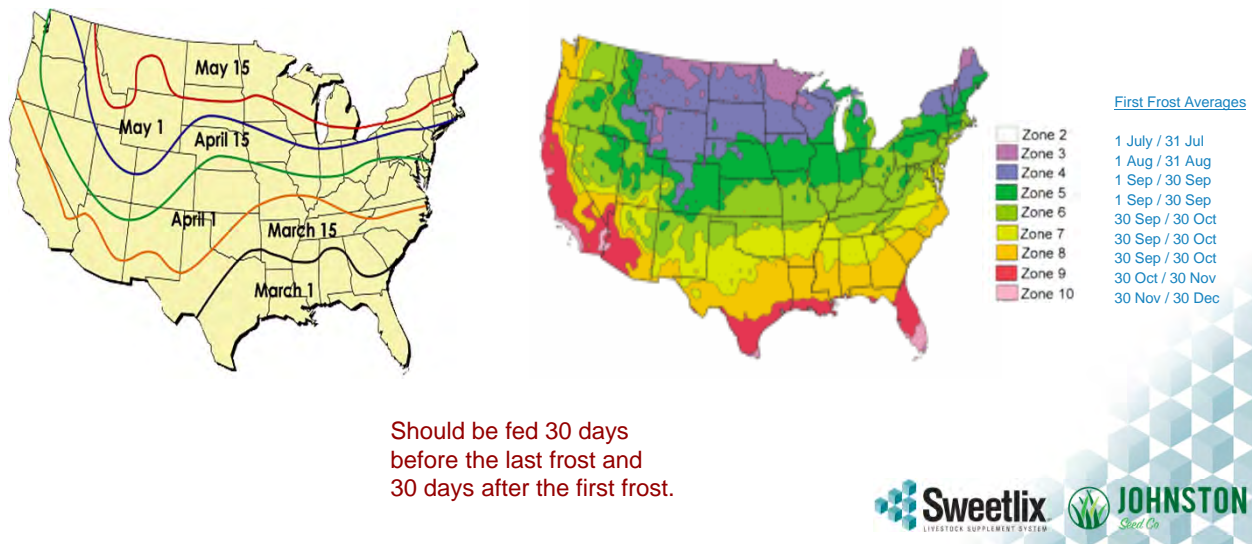


JOHNSTON
Seed Co

Fly Control



When to Expect Flies



Why is Fly Control Important?

- Causes animal stress
- Reduces libido in bulls
- Reduces rate of gain
- Reduces feed efficiency
- Spreads disease
- Reduces milk production
- Loss of **PROFITS**



Economic Impact on Cattle Producers

HOUSE FLY	STABLE FLY	FACE FLY	HORN FLY
Unknown	\$432 Million	\$250 Million	\$1 Billion





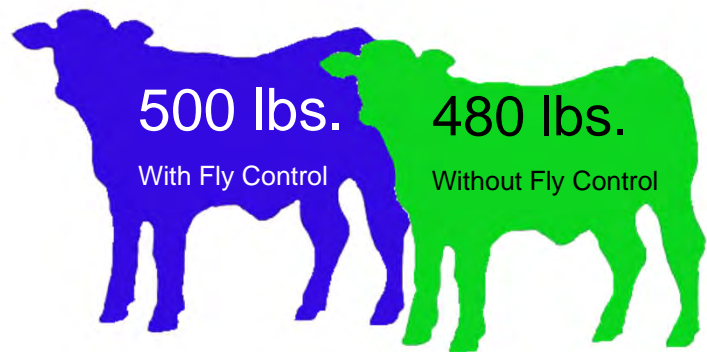
Horn Fly (*Haematobia irritans*)

- Small black fly; about 4mm long
- Both sexes are blood feeders
- Stay on cattle during the day and night
- Live 10-20 days
- Adult flies take 20-40 blood meals per day
- Infestation of 2,000 horn flies/animal (a common rate in untreated herds) results in each animal losing up to a gallon of blood
- Interrupt grazing patterns



Horn Fly Infestation Causes:

- 10-30 lb reduction in weaning weights
- 10-50 lb reduction in yearling weights
- Milk production can be reduced by as much as 20% in dairy cattle



500 lbs X 100 hd = 50,000 lbs.

50,000 lbs. X \$0.80/lb. = \$40,000

480 lbs X 100 hd = 48,000 lbs.

48,000 lbs. X \$0.80/lb. = \$38,400

Can You Afford to Lose \$1600 to Horn Flies?

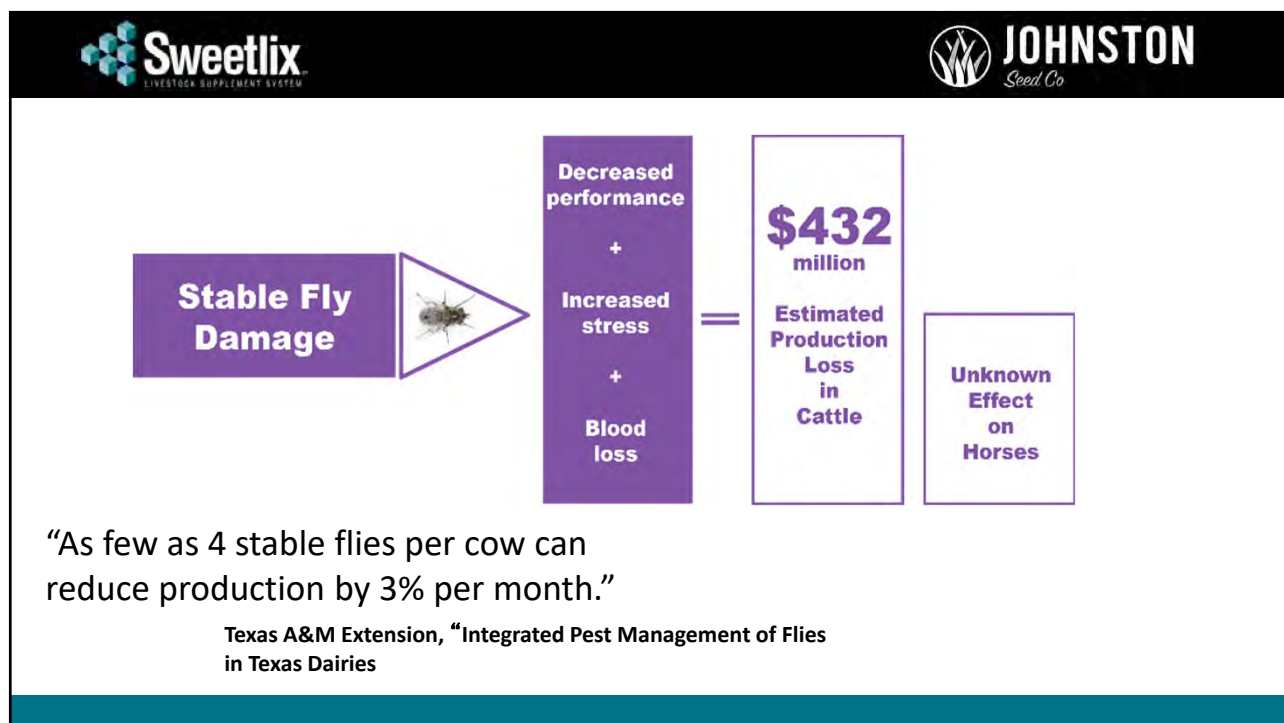




Stable Fly (*Stomoxys calcitrans*)

- Will attack a wide range of host animals
- Primarily feed on the legs of animals
- Persistent feeders inflicting a painful bite that causes considerable irritation
- Have been shown to transmit mastitis
- Vectors for bacterial and viral infections
- Loss of blood and loss of flesh





Fly Control Products Used by

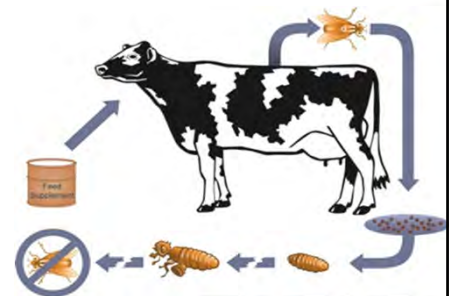


RABON®





- Diflubenzuron – chitin synthesis inhibitor
- Approved for a range of daily consumptions
- Intended to control house flies, stable flies, face flies, and horn flies from the manure of treated cattle, horses, ponies, donkeys, and mules
- Chitin is a major component of the fly's exoskeleton (body wall).
- Without a functioning exoskeleton, the larvae die before they can become breeding adult flies
- \$.04/hd/day





- (S)-Methoprene
- Been on the market since 1975
- Altosid® IGR disrupts the development of the fly by naturally mimicking the biochemicals that are responsible for insect development
- Only affective against Horn Flies
- \$0.03-0.05 per animal per day





JOHNSTON
Seed Co

RABON®

- Tetrachlorvinphos
- Effective against four breeds of flies
- Passes through digestive tract to treat the manure
- Larvae developing in manure are killed
- Rabon® remains bioactive in manure up to 6 weeks but more commonly 3 to 4 weeks





4 FLY-LYX™ with Clarifly®

Prevents the emergence of house flies, horn flies, face flies and stable flies from manure of treated cattle. Prevents the emergence of house flies and stable flies from manure of treated horses.

ACTIVE INGREDIENT:

Diffubenzuron (CAS# 35367-39-5) 0.02%

OTHER INGREDIENTS 99.98%

TOTAL 100.00%

Contains 99.8 mg of diflubenzuron per pound.

QUARANTEED ANALYSIS

Crude Protein (Min)	4.00%
Crude Fat (Min)	3.00%
Crude Fiber (Max)	3.00%
Calcium (Min)	3.50%
Calcium (Max)	4.50%
Phosphorus (Min)	4.00%
Salt	none added
Magnesium (Min)	3.00%
Potassium (Min)	1.70%
Cobalt (Min)	4.5 ppm
Copper (Min)	475 ppm
Iodine (Min)	23 ppm
Manganese (Min)	1,900 ppm
Selenium (Min)	8.8 ppm
Zinc (Min)	1,425 ppm
Vitamin A (Min)	50,000 IU/lb
Vitamin D-3 (Min)	5,000 IU/lb
Vitamin E (Min)	50 IU/lb

FEED INGREDIENTS

Molasses Products, Monocalcium Phosphate, Dicalcium Phosphate, Magnesium Oxide, Processed Grain By-Products, Calcium Carbonate, Hydrolyzed Vegetable Oil, Manganese Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate, Copper Sulfate, Sodium Selenate, Ethylenediamine Dihydrochloride, Calcium Iodate, Cobalt Carbonate, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement and Mineral Oil.

KEEP OUT OF REACH OF CHILDREN CAUTION

Manufactured by
Ridley USA Inc., 111 West Cherry Street, Suite 500, Mankato, MN 56001

Clarifly® is a registered trademark of WellMark International

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

First Aid

IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
IF ON SKIN	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES	Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes. Call a poison control center or doctor for treatment advice.

Emergency Assistance: Have the product container or label with you when calling a poison control center, doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents) you may call 1-800-222-1222 24 hours per day, 7 days per week.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below mean high water mark.

DIRECTIONS FOR USE

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

NET WEIGHT: 125 LB (56.7 KG)

For Cattle and Horses

FEEDING AND MANAGEMENT INSTRUCTIONS:

Provide 4 Fly-Lyx™ with Clarifly® as a free choice source of minerals for your cattle and horses. When used as directed, it will provide sufficient Clarifly® to inhibit fly emergence from the manure of treated cattle and horses. Exiting adult flies will not be affected. Start feeding this product early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity. Allow free choice to cattle and horses. Cattle should consume an average of 0.8 oz of 4 Fly-Lyx™ with Clarifly® per 100 lbs of animal body weight per day which is equivalent to 8 oz. per day for a 1,000-lb cow. Horses should consume an average of 1.2 oz. of this product per 100 lbs of animal body weight per day which is equivalent to 12 oz per day for a 1,000-lb horse.

1. Ensure that cattle and horses are not starved for nutrients prior to feeding this block.
2. This product contains added copper. Do not feed to sheep and other species that have a low tolerance to supplemental copper. Do not use in association with feeds containing supplemental selenium.
3. Offer cattle and horses one 4 Fly-Lyx™ with Clarifly® for every 15-25 head.
4. Remove all other self-limiting nutritional supplements.
5. Locate 4 Fly-Lyx™ with Clarifly® where cattle and horses congregate (watering, loafing, shade areas).
6. Replenish 4 Fly-Lyx™ with Clarifly® on a regular basis as needed.
7. If intake of this block is below 0.8 oz. per 100 lbs animal body weight per day for cattle or 1.2 oz. per 100 lbs animal body weight per day for horses, increase the number of feeding locations and/or change locations to areas more frequented by cattle and horses. If intake of this block is above 0.8 oz per 100 lbs animal body weight per day for cattle or 1.2 oz per 100 lbs animal body weight per day for horses, reduce the number of feeding locations and/or change locations to areas less frequented by cattle or horses.
8. Introduction of this product after adult fly infestation is established may require treatment of cattle and horses with supplemental sprays to reduce the adult fly population coming from outside sources.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill or by other procedure approved by state and local authorities.

Batch #

EPA Reg. No. 89459-7-7998 * EPA Est. No. 7698-TX-001

51008



8316



Uniqueness of 4 FLY-LYX™ with ClariFly®

- One of two LMB on the market with ClariFly®
- Permitted for use in both cattle and horses
- A nice price-point when compared to other mineral blocks on the market
- Contains ClariFly® at 0.02% - kills 4 flies
- A 1,000 lb cow needs to consume 0.50 lb/hd/d
- A 1,300 lb cow needs to consume 0.65 lb/hd/d





BOVALYX® Protein Block Containing IGR
Prevents adult horn fly emergence from manure of treated cattle.

A Nutritional Supplement Containing (S)-Methoprene* Insect Growth Regulator for Continuous Feeding to Cattle through the Horn Fly Season.

ACTIVE INGREDIENT:
(S)-Methoprene (CAS# 65733-15-6) 0.005%

OTHER INGREDIENTS 99.995%

TOTAL 100.000%

GUARANTEED ANALYSIS

Crude Protein (Min)	12.00%
Crude Fat (Min)	3.00%
Crude Fiber (Max)	2.00%
Calcium (Min)	3.00%
Calcium (Max)	4.00%
Phosphorus (Min)	3.00%
Salt (Min)	none added
Magnesium (Min)	3.00%
Potassium (Min)	2.00%
Cobalt (Min)	4 ppm
Copper (Min)	400 ppm
Iodine (Min)	20 ppm
Manganese (Min)	1,600 ppm
Selenium (Min)	8.8 ppm
Zinc (Min)	1,600 ppm
Vitamin A (Min)	50,000 IU/lb
Vitamin D-3 (Min)	5,000 IU/lb
Vitamin E (Min)	50 IU/lb

FEED INGREDIENTS
Molasses Products, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Plant Protein Products, Magnesium Oxide, Hydrolyzed Vegetable Oil, Manganese Sulfate, Zinc Sulfate, Zinc Oxide, Copper Sulfate, Ferrous Sulfate, Ethylenediamine Dihydrochloride, Calcium Iodate, Cobalt Carbonate, Sodium Selenite, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement and Mineral Oil.

Keep Out of Reach of Children

CAUTION

Altosid® is a registered trademark of Wellmark Int'l, Schaumburg, IL.
EPA Reg No. 2724-495-7698 / EPA Est. No. 7698-TX-001

NET WEIGHT: 200 LB. (90.7 KG)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION
This product contains high levels of copper. Consumption of this product by sheep or goats may result in copper toxicity.
ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
FEEDING AND MANAGEMENT INSTRUCTIONS:
When used as directed, **BOVALYX® Protein Block Containing IGR** will provide sufficient (S)-methoprene insect growth regulator to prevent the emergence of adult horn flies from manure of treated cattle. Existing adult horn flies will not be affected. Start feeding before horn flies appear and continue use until cold weather marks the end of the horn fly season. Allow free choice to cattle. Cattle should consume an average of 0.8 ounce of **BOVALYX® Protein Block Containing IGR** per 100 lbs. of animal body weight per day, which is equivalent to 8 ounces per day for a 1,000-pound animal.
1. Assume cattle are not starved for nutrients prior to feeding **BOVALYX® Protein Block Containing IGR**.
2. Offer cattle 200 pounds of **BOVALYX® Protein Block Containing IGR** for every 15-25 head of cattle.
3. Remove all other self-limiting nutritional supplements.
4. Locate **BOVALYX® Protein Block Containing IGR** where cattle congregate (watering, loafing, shade areas).
5. Replenish **BOVALYX® Protein Block Containing IGR** on a regular basis as needed.
6. If intake of **BOVALYX® Protein Block Containing IGR** is below 0.8 ounce per 100 pounds animal body weight per day, increase the number of feeding locations and/or change location(s) to areas more frequented by cattle.
7. If intake of **BOVALYX® Protein Block Containing IGR** is above 0.8 ounce per 100 pounds animal body weight per day, reduce the number of feeding locations and/or change location(s) to areas less frequented by cattle.
8. Introduction of this product after adult horn fly infestation is established will require treatment of cattle with adulticides if elimination of the adult fly population is desired.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in a cool, dry place. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. **CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available 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.

Batch #


643K
0216

- At .75lb/hd/day of consumption cows are consuming the recommended level of about .001 lbs/hd/day
- Will match up nicely with other Fly Control LMB on the market
- No Urea
- Contains Altosid®

15

15


BOVALYX® 25-12 with Altosid® IGR Prevents adult horn fly emergence from manure of treated cattle.		ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.
A Nutritional Supplement Containing (S)-Methoprene* Insect Growth Regulator for Continuous Feeding to Cattle through the Horn Fly Season.		DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
ACTIVE INGREDIENT: (S)-Methoprene (CAS# 65733-16-6) 0.005% OTHER INGREDIENTS 99.995% TOTAL 100.000% * As the Insect Growth Regulator ALTOSID®		GENERAL INFORMATION This pesticide product is to be used as a cattle feed-through pesticide for the control of horn flies. All feed ingredients listed on this product label must adhere to the specifications and limits (if applicable) ascribed by the Food and Drug Administration (FDA) for cattle feed use when mixed with this pesticide product. This product contains ethoxyquin, a preservative. The amount of ethoxyquin may vary according to the individual manufacturer's formulation and will not exceed the 150 ppm maximum limit established for ethoxyquin by FDA, per 21 CFR 573.380.
GUARANTEED ANALYSIS Crude Protein (Min) 25.00% (This includes not more than 12.00% equivalent crude protein from non-protein nitrogen) Crude Fat (Min) 5.00% Crude Fiber (Max) 3.00% Calcium (Min) 1.00% Calcium (Max) 1.50% Phosphorus (Min) 1.00% Salt (Min) none added Magnesium (Min) 1.00% Potassium (Min) 2.00% Cobalt (Min) 3 ppm Copper (Min) 300 ppm Iodine (Min) 15 ppm Manganese (Min) 1,200 ppm Selenium (Min) 6.0 ppm Zinc (Min) 900 ppm Vitamin A (Min) 70,000 IU/lb Vitamin D-3 (Min) 7,000 IU/lb Vitamin E (Min) 50 IU/lb		FEEDING AND MANAGEMENT INSTRUCTIONS: Feed this product to cattle only. When used as directed, BOVALYX® 25-12 with Altosid® IGR will provide sufficient (S)-methoprene insect growth regulator to prevent the emergence of adult horn flies from manure of treated cattle. Existing adult horn flies will not be affected. Start feeding before horn flies appear and continue use until cold weather marks the end of the horn fly season. Allow free choice to cattle. Cattle should consume an average of 0.8 ounce of BOVALYX® 25-12 with Altosid® IGR per 100 lbs. of cattle body weight per day, which is equivalent to 8 ounces per day for a 1,000-pound cow. To Open: Remove top plastic cover sheet. 1. Assure cattle are not starved for nutrients prior to feeding BOVALYX® 25-12 with Altosid® IGR. 2. This product contains added copper. Do not feed to cattle in close proximity to sheep or other species that have a low tolerance to supplemental copper. 3. Offer cattle 200 pounds of BOVALYX® 25-12 with Altosid® IGR for every 15-25 head of cattle. 4. Remove all other self-limiting nutritional supplements while the cattle are consuming this product. 5. Locate BOVALYX® 25-12 with Altosid® IGR where cattle congregate (watering, loafing, shade areas). 6. Replenish BOVALYX® 25-12 with Altosid® IGR on a regular basis as needed. 7. If intake of BOVALYX® 25-12 with Altosid® IGR is below 0.8 ounce per 100 pounds cattle body weight per day, increase the number of feeding locations and/or change location(s) to areas more frequented by cattle. 8. If intake of BOVALYX® 25-12 with Altosid® IGR is above 0.8 ounce per 100 pounds cattle body weight per day, reduce the number of feeding locations and/or change location(s) to areas less frequented by cattle. 9. Introduction of this product after adult horn fly infestation is established will require treatment of cattle with adulticides if elimination of the adult fly population is desired.
FEED INGREDIENTS Molasses Products, Processed Grain By-Products, Plant Protein Products, Urea, Hydrolyzed Vegetable Oil, Monocalcium Phosphate, Dicalcium Phosphate, Magnesium Oxide, Calcium Carbonate, Manganese Oxide, Manganese Sulfate, Zinc Sulfate, Zinc Oxide, Copper Sulfate, Ethylenediamine Dihydroiodide, Calcium Iodate, Cobalt Carbonate, Sodium Selenite, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement and Mineral Oil.		STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. STORAGE: Store in a cool, dry place. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available 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.
This product contains ethoxyquin, a preservative.		Batch # <input type="text"/>
<div style="border: 1px solid black; padding: 5px; text-align: center;"> Keep Out of Reach of Children CAUTION </div>		Altosid® is a registered trademark of Wellmark International EPA Reg No. 2724-495-7698 / EPA Est. No. 7698-TX-001 NET WEIGHT: 200 LB. (90.7 KG)
Manufactured by: Ridley USA Inc. 111 West Cherry Street, Suite 500, Mankato, MN 56001		57931 1018



Sweetlix
LIVESTOCK SUPPLEMENT SYSTEM

ClariFly® Fly Control Block

For Cattle and Horses



0 1219047018 8

Prevents the emergence of house flies, horn flies, face flies and stable flies from manure of treated cattle. Prevents the emergence of house flies and stable flies from manure of treated horses.

ACTIVE INGREDIENT:
Diflubenzuron (CAS #35367-38-5) 0.02%

OTHER INGREDIENTS 99.98%

TOTAL 100.00%

Contains 90.8 mg of Diflubenzuron per pound.

GUARANTEED ANALYSIS

Crude Protein (Min)	8.00%
Crude Fat (Min)	1.00%
Crude Fiber (Max)	4.00%
Calcium (Min)	11.00%
Calcium (Max)	13.20%
Phosphorus (Min)	1.00%
Salt (Min)	18.50%
Salt (Max)	22.20%
Cobalt (Min)	5 ppm
Copper (Min)	500 ppm
Iodine (Min)	25 ppm
Manganese (Min)	2,000 ppm
Selenium (Min)	13 ppm
Zinc (Min)	1,500 ppm
Vitamin A (Min)	50,000 IU/lb
Vitamin D-3 (Min)	5,000 IU/lb
Vitamin E (Min)	5 IU/lb

FEED INGREDIENTS
Processed Grain By-Products, Calcium Carbonate, Salt, Molasses Products, Calcium Hydroxide, Monocalcium Phosphate, Dicalcium Phosphate, Manganous Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate, Copper Sulfate, Selenium Yeast, Brewer's Dried Yeast, Ethylenediamine Dihydrochloride, Calcium Iodate, Cobalt Carbonate, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement and Mineral Oil.

KEEP OUT OF REACH OF CHILDREN
CAUTION

Manufactured by:
Ridley USA Inc., 111 West Cherry Street, Suite 500, Mankato, MN 56001

SWEETLIX® is a registered trademark of RIDLEY USA Inc.
ClariFly® is a registered trademark of Wellmark International.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION
Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

First Aid	
IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
IF ON SKIN	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes. Call a poison control center or doctor for treatment advice.

Emergency Assistance: Have the product container or label with you when calling a poison control center, doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents) you may call 1-800-222-1222 24 hours per day, 7 days per week.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

FEEDING AND MANAGEMENT INSTRUCTIONS:
Provide SWEETLIX® ClariFly® Fly Control Block as a free choice source of salt and minerals for your cattle and horses. When used as directed, it will provide sufficient ClariFly® to inhibit fly emergence from the manure of treated cattle and horses. Existing adult flies will not be affected. Start feeding this product early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity. Allow free choice to cattle and horses. Cattle should consume an average of 0.8 oz. of SWEETLIX® ClariFly® Fly Control Block per 100 lbs of animal body weight per day which is equivalent to 8 oz. per day for a 1,000-lb cow. Horses should consume an average of 1.2 oz. of this product per 100 lbs of animal body weight per day which is equivalent to 12 oz. per day for a 1,000-lb horse. To Open: Remove top plastic cover sheet.

1. Assure cattle and horses are not starved for nutrients prior to feeding this block.
2. This product contains added copper. Do not feed to sheep and other species that have a low tolerance to supplemental copper. Do not use in association with feeds containing supplemental selenium.
3. Offer cattle and horses one SWEETLIX® ClariFly® Fly Control Block for every 3 to 5 head.
4. Remove all other self-limiting nutritional supplements.
5. Locate SWEETLIX® ClariFly® Fly Control Block where cattle and horses congregate (watering, loafing, shade areas).
6. Replenish SWEETLIX® ClariFly® Fly Control Block on a regular basis as needed.
7. If intake of this block is below 0.8 oz. per 100 lbs animal body weight per day for cattle or 1.2 oz. per 100 lbs. animal body weight per day for horses, increase the number of feeding locations and/or change locations to areas more frequented by cattle and horses. If intake of this block is above 0.8 oz. per 100 lbs animal body weight per day for cattle or 1.2 oz. per 100 lbs animal body weight per day for horses, reduce the number of feeding locations and/or change locations to areas less frequented by cattle and horses.
8. Introduction of this product after adult fly infestation is established may require treatment of cattle and horses with supplemental sprays to reduce the adult fly population coming from outside sources.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Completely empty wrapper. Dispose of wrapper in a sanitary landfill or by other procedures approved by state and local authorities.

Batch # 47019

EPA Reg. No. 89459-7-7698
EPA Est. No. 7698-TX-002

NET WEIGHT: 33.3 LB (15.12 KG)

1018



For control of fecal flies in manure of treated cattle and horses. Prevents development of face, horn, house and stable flies in the manure of treated cattle. Prevents development of house and stable flies in the manure of treated horses.

Active Ingredient:
Tetrachlorocephos* (CAS # 22248-79-9) 0.3%
Other Ingredients** 99.7%
Total 100.0%

*RABON® Insecticide - Contains 1.36 grams RABON® per pound
**Refers only to ingredients which are not larvicidal

Guaranteed Analysis

Calcium (Min)	10.00%
Calcium (Max)	12.00%
Phosphorus (Min)	1.00%
Salt (Min)	18.00%
Salt (Max)	21.00%
Copper (Min)	100 ppm
Manganese (Min)	400 ppm
Selenium (Min)	12 ppm
Zinc (Min)	300 ppm
Vitamin A (Min)	100,000 I.U./lb
Vitamin D-3 (Min)	10,000 I.U./lb
Vitamin E (Min)	10 I.U./lb

Feed Ingredients

Processed Grain By-Products, Calcium Carbonate, Salt, Molasses Products, Calcium Hydroxide, Monocalcium Phosphate, Dicalcium Phosphate, Manganous Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate, Copper Sulfate, Sodium Selenite, Ethylenediamine Dihydrochloride, Calcium Iodate, Cobalt Carbonate, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement and Mineral Oil.

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 7698-29 • EPA Est. No. 7698-TX-002
Rabon® is a registered trademark of Bayer HealthCare, LLC

Manufactured By: Ridley USA Inc.
111 W. Cherry St., Suite 500, Mankato, MN 56001

Pest-A-Side Pressed Block with Rabon®

A Free Choice Supplement Block for Cattle and Horses

First Aid

IF SWALLOWED

Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or physician for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday from 8AM to 12PM Pacific Time. After 12PM Pacific Time weekdays and during the weekend, call your poison control center at 1-800-222-1222.

Note to Physicians and Veterinarians: This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Product may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction to some individuals.

Personal Protective Equipment ("PPE")

All pesticide handlers must wear: Long-sleeved shirt and long pants; shoes and socks; and chemical-resistant gloves made of barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, butyl rubber ≥ 14 mils and/or viton ≥ 14 mils.

User Safety Requirements: Follow manufacturers' 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.

User Safety Recommendations: Users should thoroughly wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should immediately remove clothing if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should immediately remove PPE 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 highly toxic to fish.

IMPORTANT: This product, which contains added copper, should not be fed to sheep, or any species that have a low tolerance to supplemental copper.

Directions for Use:

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

Use Restriction: Not to be used on horses destined for slaughter.
Precautions for Horse Use: This product contains tetrachlorocephos, which is a cholinesterase inhibitor. The most frequently reported clinical signs of cholinesterase inhibition in the horse are abdominal pain, lethargy, sweating, tearing and excessive salivation. If these signs are seen in horses, immediately consult your veterinarian. Do not use this product simultaneously or within a week before or after treatment with cholinesterase inhibiting drugs, pesticides or chemicals. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. This product has not been tested in breeding horses.

Feeding Instructions

1. Feed 1 block per 10-15 head of cattle or horses. This allows all animals equal access to blocks.
2. Place blocks where animals congregate. Locate blocks throughout pasture, placing them near water and loading areas. Maintain adequate distance between blocks (10 ft. minimum).
3. Do not allow animals to run out of blocks. When a block is half-consumed, place a new block near it. Place very small pieces in troughs or feed pans.
4. Feed blocks at the rate of 0.88 oz. per 100 lb. of bodyweight per day. This intake will supply 0.07 grams of larvicide per 100 lbs. of bodyweight per day (2.1 grams per 100 lbs. bodyweight per month). Animals will consume about 8.8 oz. per head daily based on a 1,000-lb. animal. Blocks can be fed to animals in confinement. Exact location of blocks to obtain desired consumption will vary between confinement feeding programs.
5. Feed as the only free choice source of salt, other minerals and vitamins.
6. **SWEETLIX® Pest-A-Side Pressed Block with Rabon®** prevents development of fecal flies in the manure of treated cattle and horses, but is not effective against existing adult flies. It is necessary to use other control measures to reduce existing adult fly populations. In order to achieve optimum fly control, use **SWEETLIX® Pest-A-Side Pressed Block with Rabon®** in conjunction with other good management and sanitation practices. Start feeding **SWEETLIX® Pest-A-Side Pressed Block with Rabon®** early in spring before flies begin to appear and continue feeding throughout the year until cold weather restricts fly activity.
8. **SWEETLIX® Pest-A-Side Pressed Block with Rabon®** may be fed to cattle up until slaughter and to lactating cows. Follow feeding directions. When animals consume the block at the recommended rate, it will supply 3 mg of selenium. Consumption of selenium should not exceed 3 mg per head daily.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and away from other pesticides, fertilizers, food or feed.
Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Handling: Offer container for recycling, if available, or puncture and dispose of empty container in a sanitary landfill, or by other procedures approved by state and local authorities.

For additional information, please contact your SWEETLIX® representative.

NET WEIGHT: 33.3 LB. (15.12 KG)

11029
1118



JOHNSTON
Seed Co



Rabon® Molasses Pressed Block

A Free Choice Supplement Block for Cattle and Horses

For control of fecal flies in manure of treated cattle and horses. Prevents development of face, horn, house and stable flies in the manure of treated cattle. Prevents development of house and stable flies in the manure of treated horses.

Active Ingredient:
Tetrachloroethene* (CAS# 22248-79-9)..... 0.494%
Other Ingredients**..... 99.506%
Total..... 100.000%

*RABON® Insecticide - Contains 2.24 grams RABON® per pound
**Refers only to ingredients which are not larvicidal

Guaranteed Analysis	
Calcium (Min)	10.00%
Calcium (Max)	12.00%
Phosphorus (Min)	4.00%
Salt (Min)	15.00%
Salt (Max)	18.00%
Magnesium (Min)	1.00%
Copper (Min)	300 ppm
Iodine (Min)	10 ppm
Manganese (Min)	1,100 ppm
Selenium (Min)	71 ppm
Zinc (Min)	850 ppm
Vitamin A (Min)	100,000 IU/lb
Vitamin D-3 (Min)	10,000 IU/lb
Vitamin E (Min)	10 IU/lb

Feed Ingredients
Molasses Products, Roughage Products, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Carbonate, Calcium Hydroxide, Hydrogenated Soybean Oil, Magnesium Oxide, Manganous Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate, Copper Sulfate, Sodium Selenate, Ethyleneediamine Dihydrochloride, Calcium Iodate, Cobalt Carbonate, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement and Mineral Oil.

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA Reg. No. 7698-26 * EPA Est. No. 7698-TX-002
Rabon® is a registered trademark of Bayer HealthCare, LLC

Manufactured by:
Ridley USA Inc., 1111 W. Cherry St., Suite 500, Markato, MN 56001

FIRST AID	
IF SWALLOWED	Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or physician for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents) you may call the National Pesticide Information Center at 1-888-856-7378, Monday through Friday from 8AM to 12PM Pacific Time. After 12PM Pacific Time weekdays and during the weekend, call your poison control center at 1-800-222-1222.	
NOTE TO PHYSICIANS AND VETERINARIANS: This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Product may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals:

CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment ("PPE")

All pesticide handlers must wear: Long-sleeved shirt and long pants; shoes and socks; and chemical-resistant gloves made of barrier laminate, nitrile rubber or 14 mils neoprene rubber or 14 mils butyl rubber or 14 mils polyethylene.

User Safety Requirements: Follow manufacturers' 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.

User Safety Recommendations: Users should thoroughly wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should immediately remove clothing if pesticide gets inside, then wash thoroughly and put on clean clothing. Users should immediately remove PPE 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 highly toxic to fish.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **Pesticide Storage:** Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and away from other pesticides, fertilizers, food or feed. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Other container for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

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

USE RESTRICTION: Not to be used on horses destined for slaughter.

PRECAUTIONS FOR HORSE USE: This product contains tetrachloroethene, which is a cholinesterase inhibitor. The most frequently reported clinical signs of cholinesterase inhibition in the horse are abdominal pain, lethargy, sweating, tearing and excessive salivation. If these signs are seen in horses, immediately consult your veterinarian. Do not use this product simultaneously or within a week before or after treatment with cholinesterase inhibiting drugs, pesticides or chemicals. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. This product has not been tested in breeding horses.

Feeding Instructions

1. Feed 1 block per 5 head of cattle or horses. This allows all animals equal access to blocks.
2. Place blocks where animals congregate. Locate blocks throughout pasture, placing them near water and loafing areas. Maintain adequate distance between blocks (10 ft. minimum).
3. Do not allow animals to run out of blocks. When a block is half-consumed, place a new block near it. Place very small pieces in troughs or feed pans.
4. Feed blocks at the rate of 0.5 oz. per 100 lbs. of bodyweight per day. This intake will supply 0.07 gram of larvicide per 100 lbs. of bodyweight per day (0.1 grams per 100 lbs. bodyweight per month). Animals will consume about 5 oz. per head daily based on a 1,000-lb animal.
5. Blocks can be fed to animals in confinement. Exact location of blocks to obtain desired consumption will vary between confinement feeding programs.
6. Feed as the only FREE CHOICE source of salt, other minerals and vitamins.
7. **SWEETLIX® Rabon® Molasses Pressed Block** prevents development of fecal flies in the manure of treated cattle and horses, but it is not effective against existing adult flies. It is necessary to use other control measures to reduce existing fly populations. In order to achieve optimum fly control, use **SWEETLIX® Rabon® Molasses Pressed Block** in conjunction with other good management and sanitation practices. Start feeding **SWEETLIX® Rabon® Molasses Pressed Block** early in the spring before flies begin to appear and continue feeding until cold weather restricts fly activity.
8. **SWEETLIX® Rabon® Molasses Pressed Block** may be fed to cattle up until slaughter and to lactating cows. Follow feeding directions. When animals consume the block at the recommended rate, it will supply 3 mg of selenium. Consumption of selenium should not exceed 3 mg per head daily.

For additional information, please contact your SWEETLIX® representative.

IMPORTANT: This product, which contains added copper, should not be fed to sheep or any species that have a low tolerance to supplemental copper.

NET WEIGHT: 40 LB. (18.14 KG)

11446

1018



Sweetlix® and Johnston Seed Co. Have you Covered!



- Sweetlix® has Fly Control in every form of self fed supplement
- Simultaneously increase your heard health and nutrition in a convenient, cost effective way!

<https://www.sweetlix.com/products/fly-control/1093>