

85493-1

7/2/2014

1/17



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JUL 02 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Repellex USA, Inc.  
c/o Ann M. Tillman  
Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

Subject: Label Amendment to add more specific language regarding application by air or low volume applications and correct footnotes in some of the tables in the directions for use. BrowseBan™ EC - Animal Repellent  
EPA Reg. No.: 85493-1  
Your submission dated April 4, 2014  
Decision Number: 489753

Dear Ms. Tillman:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(5), is acceptable provided that you:

- 1) Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at [walsh.colin@epa.gov](mailto:walsh.colin@epa.gov).

Sincerely,

Linda A. Hollis, Chief  
Biochemical Pesticides Branch

CONCURRENCE  
Biochemical Pesticides and Pollution

SYMBOL	7511P	7511P	7511P	Prevention Division (7511P)			
SURNAME	Walsh	COLE	Walsh				
DATE	6/24/14	6/24/14	7/2/14				

ACCEPTED

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**BROWSEBAN™**  
EC-ANIMAL REPELLENT  
To reduce Deer feeding/browsing

JUL 02 2014

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. **85493-1**

<b>ACTIVE INGREDIENT:</b>	
Capsaicin and Related Capsaicinoids .....	2.0%
<b>OTHER INGREDIENTS:</b> .....	98.0%
<b>TOTAL:</b> .....	100.0%

Browseban™ contains 0.173 pound of active ingredient per gallon

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

<b>FIRST AID</b>	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO A PHYSICIAN:</b> If swallowed – Lavage with large bore tube and saline solution followed by instillation of antacids and antihistamine such as Benadryl. If aspirated into throat, bronchial tubes or lungs, treat as an acute upper airway burn by appropriate specialist. If in eyes - Topical antibiotic steroid drop after flushing.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b>	
For 24 Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call 1-800-535-5053.	

EPA Reg. No. 85493-1

EPA Est. No. 85493-MI-001

**Manufactured By:**  
Repellex USA, Inc.  
PO Box 396  
Niles, MI 49120

NET CONTENTS: 2.5 Gallons

Batch Code/Lot Number: \_\_\_\_\_

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

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

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear long sleeve shirt and long pants, chemical resistant gloves, shoes plus socks. Follow manufacturer's 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval (REI). Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves and
- Shoes plus socks

Note: if this product has been mixed with any other pesticide(s), follow "agricultural use requirements" of that product(s) label.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses: This product may be toxic to aquatic organisms. Do not apply or allow runoff to reach lakes, streams and ponds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

**PHYSICAL/CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact worker or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

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### GENERAL INSTRUCTIONS

BrowseBan™ is a 0.173 pound per gallon formulation of capsaicin and related capsaicinoids. Apply BrowseBan™ prior to or at the earliest onset of labeled animal browsing/feeding, as specified in label instructions. Repeat applications as necessary to maintain repellent effectiveness. Apply BrowseBan™ with ground and/or hand held equipment. Use a minimum of 10 gallons per acre of mixed product to obtain adequate coverage. When mixing with other pesticides follow that product(s) gallon per acre direction, adding the amount of BrowseBan™ required per rate instructions on the BrowseBan™ label. For air and low volume equipment, use a minimum of 5 gallons of water per acre with 1.28 fl. oz. of product per gallon of water or one gallon of product per 100 gallons of spray solution.

**Application Use Rate:** 1.28 fl. oz. of this product per gallon of water per acre or one gallon product per 100 gallons of spray solution. Do not use large droplet size or flood nozzles to avoid run-off. When mixing with other pesticide products, use the nozzle type and GPA of water instructed for the other products. If other pesticides call for large droplet or flood nozzles, diminished repellent activity may occur. Always check for compatibility before tank mixing BrowseBan™ with other pesticides. Compatibility or crop tolerance has not been determined with use in fertilizer mixes.

#### Alfalfa

#### Deer

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per-100-gal water.	Start treatment at the <b>earliest</b> spray opportunity <b>after new plantings reach the second leaf stage</b> . On existing stands, start treatments at the first opportunity after plants break dormancy and reach spring greenup. Continue treatments on a 7 day schedule up to 7 days before cutting. Repeat this schedule on regrowth after each cutting.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule up to 7 days before cutting. Repeat this schedule on regrowth after each cutting.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Starting treatment prior to the start of browsing provides the best protection. Start treatment based on previous history of damage to alfalfa crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for ground treatment and 5 GPA water by aerial application to ensure adequate coverage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, see "General Instructions" section of this label.		
6. If previous browsing has only occurred during specific growth stages of the crop, start treatment just before each susceptible stage. Suspend treatment when browsing would normally stop based on past history. Repeat this approach through harvest.		

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**Beans - Dry Edible**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Note: Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after bean emergence. Continue treatment on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule.
Light Damage/ Browsing	SAME AS ABOVE	<b>SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.</b>
1. Based on previous damage to crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for adequate coverage to foliage. Ensure thorough application/coverage of susceptible foliage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), perform a standard jar test for compatibility.		
6. If previous deer browsing has only occurred during specific growth stages of the drybeans, start treatment just before each susceptible stage. Suspend treatment when the deer would normally stop browsing based on past history. Repeat this approach through harvest. Always monitor the fields closely to determine best timing.		

**Beans - Snap**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Treat when first trifoliolate leaves emerge. Continue treatment on a 7 day treatment schedule. Starting treatment prior to browsing provides best protection.
Medium Damage/ Browsing	SAME AS ABOVE	Treat when <u>earliest</u> browsing begins. Continue treatment on a 7 day treatment schedule. Note: Starting treatment prior to browsing provides best protection.
Light Damage/ Browsing	SAME AS ABOVE	Treat at pre-bloom/white bud stage. Continue treatment on a 7 day treatment schedule. Starting treatment prior to browsing provides best protection.
1. Based on previous history of damage to crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment. Observe treated fields regularly.		
4. New growth emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		

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**Brassica (Cole) Leafy Vegetables (All) - from transplants**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water	Start treatment one week after transplanting. Continue treatment on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Treat when <u>earliest</u> browsing begins. Continue treatment on a 7 day treatment schedule. Note: Starting treatment prior to browsing provides best protection.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. New growth emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		

**Carrots – Processing and Fresh Market Varieties**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 6.	Timing of Application 3, 4, 5.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Treat <u>prior</u> to start of browsing or approximately second to third true leaf stage after planting. Continue to treat on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Treat when first browsing occurs. Continue to treat on a 7 day schedule. Treatment prior to start of browsing provides the best protection
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment. Observe treated fields regularly.		
4. New growth emerging after treatment may not be protected.		
5. This product does not protect carrots from "deer digging". If "digging" damage occurs additional protection methods may be required.		
6. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		



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**Corn - Sweet**

**Deer: Tassel & Ear Feeding Damage Only**

Previous Field History/Damage 1.	Rate of Application 2, 3.	Timing of Application 4, 5, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	<u>Tassel feeding (deer):</u> Apply first treatment just before tassel emergence. Continue treatment on 7 day schedule. <u>Ear feeding (deer):</u> Apply first treatment prior to silking. Continue treatment on 7 day schedule. Mid-pollination to harvest (6).
Medium Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE
Light Damage/ Browsing	SAME AS ABOVE	Start treatment at earliest sign of feeding damage. Continue treatment on 7 day schedule. Mid-pollination to harvest (6).
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
4. Rainfall or irrigation following application may reduce protection and require re-treatment. Observe treated fields regularly.		
5. New growth emerging after treatment may not be protected.		
6. Mid-pollination to harvest: drop nozzles will provide better coverage of the ear.		

**Corn - Sweet**

**Deer – Plant Population Protection**

Previous Field History/Damage 1.	Rate of Application 2, 4.	Timing of Application 3, 5, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Treat only after emergence and first leaf appears. Continue treatment on 7 day treatment schedule. Starting treatment prior to browsing provides best protection. Note: at mid-season to harvest see (6).
Medium Damage/ Browsing	SAME AS ABOVE	Start treatment at <u>earliest</u> sign of browsing damage. Continue treatment on 7 day treatment schedule. Starting treatment prior to browsing provides best protection. Note: at mid-pollination to harvest see (6).
Light Damage/ Browsing	SAME AS ABOVE	Start treatment at <u>earliest</u> sign of browsing damage. Continue treatment on 7 day treatment schedule. Starting treatment prior to browsing provides best protection. Note: at mid-pollination to harvest see (6).
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment. Observe treated fields regularly.		
4. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
5. New growth emerging after treatment may not be protected.		
6. Mid-pollination to harvest: drop nozzles will provide better coverage of the ear.		



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**Corn - Field, Seed , Popcorn, Ornamental**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 4.	Timing of Application 3, 5, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Treat early after emergence and first leaf appears. Continue treatment on 7 day treatment schedule. Starting treatment BEFORE browsing starts provides best protection. Note: At pollination see (6) below to improve ear protection.
Medium Damage/ Browsing	SAME AS ABOVE	Start treatments at <u>earliest</u> sign of browsing damage. Continue treatment on 7 day treatment schedule. Starting treatment BEFORE browsing starts provides best protection. Note: At start of pollination see (6) below to improve ear protection.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous history of damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
5. New growth emerging after treatment may not be protected.		
6. Mid-pollination to harvest: drop nozzles will provide better coverage of the ear.		

**Cotton (All)**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 4.	Timing of Application 3, 5.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Treat early after emergence and first true leaf appears. Continue treatment on 7 day treatment schedule until majority of flowers have faded. Starting treatment BEFORE browsing starts provides best protection.
Medium Damage/ Browsing	SAME AS ABOVE	Start treatments at <u>earliest</u> sign of browsing damage. Continue treatment on 7 day treatment schedule. Starting treatment BEFORE browsing starts provides best protection.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous history of damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
5. New growth emerging after treatment may not be protected.		

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**Cranberry (*Vaccinium macrocarpon*)**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. Oz of product per gal. of water or 1 gal. product per 100 gal water.	<b>Note:</b> Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after planting and foliage is present. Continue treatment on a 7 day schedule up to harvest (7 Day PHI).
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule up to harvest (7 Day PHI).
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous history of damage to cranberry crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for ground treatment and 5 GPA water by aerial application to ensure adequate coverage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, see "General Instructions" section of this label.		
6. If previous-browsing has only occurred during specific growth stages of the crop, start treatment just before each susceptible stage. Suspend treatment when browsing would normally stop based on past history. Repeat this approach through harvest.		

**Cucurbit Vegetables (All) - From Seed or Transplants**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water	<u>From Seed:</u> Start treatment after first true leaves appear. Continue treatment on a 7 day schedule. <u>From Transplant:</u> Start treatment one week after transplanting. Continue on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Follow above timing, starting immediately after <b>earliest</b> browsing begins. Continue treatment on a 7 day treatment schedule. <b>Note:</b> Starting treatment prior to browsing provides best protection.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		

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**Grapes**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4.
Heavy Damage/ Browsing	1.28 fl. Oz of product per gal. of water or 1 gal. product per 100 gal water.	Note: Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after vines break dormancy. Continue treatment on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous damage to grape crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage. Ensure thorough application/coverage of susceptible foliage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, perform a standard jar test for compatibility.		

**Lettuce (All Types)**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 4.	Timing of Application 3, 5.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water	Treat early after emergence. Continue treatment on a 7 day treatment schedule. <b>Starting treatment BEFORE browsing starts provides best protection.</b>
Medium Damage/ Browsing	SAME AS ABOVE	Start treatments at <b>earliest</b> sign of browsing damage. Continue treatment on a 7 day treatment schedule. <b>Starting treatment BEFORE browsing starts provides best protection.</b>
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
5. <b>New growth</b> emerging after treatment may not be protected.		



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**Peas (Snow peas - Southern Peas)**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	<b>Note:</b> Starting treatment prior to browsing provides best protection. Start treatment at the earliest spray opportunity after planting and foliage is present. Continue treatment on a 7 day treatment schedule up to harvest.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule up to harvest.
Light Damage/ Browsing	SAME AS ABOVE	<b>SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.</b>
1. Based on previous history of damage to the bean crops in this field.		
2. Minimum 10 GPA for ground treatment and 5 GPA water by aerial application to ensure adequate coverage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
6. If previous browsing has only occurred during specific growth stages of the crop, start treatment just before each susceptible stage. Suspend treatment when browsing would normally stop based on past history. Repeat this approach through harvest.		

**Fruiting Vegetables**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water	Start treatment one week after transplanting. Continue treatment on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Treat when <u>earliest</u> browsing begins. Continue treatment on a 7 day treatment schedule. Note: Starting treatment prior to browsing provides best protection.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE
1. Based on previous damage to the crops in this field.		
2. Minimum 10 GPA for adequate coverage to foliage.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment. Observe treated fields regularly.		
4. New growth emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		



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**Soybeans**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	Note: Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after bean emergence. Continue treatment on a 7 day schedule.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous history of damage to the crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for adequate coverage to foliage. Ensure thorough application/coverage of susceptible foliage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, perform a standard jar test for compatibility.		
6. If previous deer browsing has only occurred during specific growth stages of the soybeans, start treatment just before each susceptible stage. Suspend treatment when the deer would normally stop browsing based on past history. Repeat this approach through harvest. Always monitor the fields closely to determine best timing.		

**Strawberries**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. Oz of product per gal. of water or 1 gal. product per 100 gal water.	Note: Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after planting to protect foliage. Continue treatment on a 7 day schedule, <b>see Note 6 below.</b>
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule, <b>see Note 6 below.</b>
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous history of damage to strawberry crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for ground treatment and 5 GPA water by aerial application to ensure adequate coverage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, see "General Instructions" section of this label.		
6. If previous browsing has only occurred during specific growth stages of the crop, start treatment just before each susceptible stage. Suspend treatment when browsing would normally stop based on past history. Repeat this approach through harvest. <b>To avoid berries being hot to taste, rinse thoroughly before consuming or suspend treatment one week before picking / harvesting. Do not use with "sticker" adjuvants after berries form to avoid unwanted residual.</b>		

**Sunflower: Oil and Non-Oil Types**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. Oz of product per gal. of water or 1 gal. product per 100 gal water.	Note: Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after emergence and the plant reaches the first true leaf stage. Continue treatment on a 7 day schedule up to harvest.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule up to harvest.
Light Damage/ Browsing	SAME AS ABOVE	SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.
1. Based on previous history of damage to sunflower crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for ground treatment and 5 GPA water by aerial application to ensure adequate coverage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, see "General Instructions" section of this label.		
6. If previous browsing has only occurred during specific growth stages of the crop, start treatment just before each susceptible stage. Suspend treatment when browsing would normally stop based on past history. Repeat this approach through harvest.		

**Sweet Potatoes (from Slips or Transplants)**

**Deer**

Previous Field History/Damage 1.	Rate of Application 2, 5.	Timing of Application 3, 4, 6.
Heavy Damage/ Browsing	1.28 fl. oz of product per gal. of water or 1 gal. product per 100 gal water.	<b>Note:</b> Starting treatment prior to browsing provides the best protection. Start treatment at the <b>earliest</b> spray opportunity after planting and foliage is present. Continue treatment on a 7 day schedule up to harvest.
Medium Damage/ Browsing	SAME AS ABOVE	Monitor fields closely and start treatment at earliest sign of browsing. Continue treatment on a 7 day schedule up to harvest.
Light Damage/ Browsing	SAME AS ABOVE	<b>SAME AS ABOVE FOR MEDIUM DAMAGE/BROWSING.</b>
1. Based on previous history of damage to sweet potato crops in this field. <b>Note:</b> See point 6 below.		
2. Minimum 10 GPA for ground treatment and 5 GPA water by aerial application to ensure adequate coverage. Spray to wet, avoiding spray run off.		
3. Rainfall or irrigation following application may reduce protection and require re-treatment for best protection. Observe treated fields regularly.		
4. <b>New growth</b> emerging after treatment may not be protected.		
5. If tank mixing with other pesticide(s), see "General Instructions" section of this label.		
6. If previous browsing has only occurred during specific growth stages of the crop, start treatment just before each susceptible stage. Suspend treatment when browsing would normally stop based on past history. Repeat this approach through harvest.		



