

85493-1

09-20-2011

1
15



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

SEP 20 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ross Gilbert, Agent
Repellex USA, Inc.
c/o Pyxis Regulatory Consulting, Inc.
4110 136th Street NW
Gig Harbor, WA 98332

RE: Product Name: Browseban™
EPA Reg. No: 85493-1
Application for Label Notification Dated August 15, 2011 to update the storage
and disposal statement per PR Notice 2007-4

Dear Mr. Gilbert:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at adams.menyon@epa.gov.

Sincerely,

Linda Hollis

Linda Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)

15



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Repellex USA, Inc. / 85493-1	2. EPA Product Manager L. Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Repellex USA, Inc./ Browseban	PM# Branch Chief, Biochemical Pesticides Branch	
5. Name and Address of Applicant (Include ZIP Code) Repellex USA, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II Notification Accepted

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application. Date: SEP 20 2011
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below. Reviewer: M. Adams

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Ross Gilbert	Title Agent	Telephone No. (Include Area Code) (253) 853-7369
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Agent	
4. Typed Name Ross Gilbert	5. Date 8/15/2011	

PYXIS REGULATORY CONSULTING, INC.

3
15

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

August 15, 2011

COURIER DELIVERY

Linda Hollis
Branch Chief, Biochemical Pesticides Branch
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

RE: Repellex USA, Inc. – Browseban (EPA Reg. No. 85493-1)
Notification of Adoption of Storage and Disposal Language per PR Notice 2007-4

Dear Ms. Hollis,

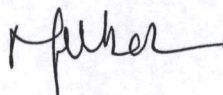
On behalf of Repellex USA, Inc., please find the enclosed label notification for the adoption of Storage and Disposal language per PR Notice 2007-4.

In support of this notification submission, please find the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Browseban labeling with changes tracked
3. One (1) copy of the Browseban labeling with changes incorporated
4. A CD containing an electronic version of the label
5. Certification with Respect to Label Integrity
6. Letter of Authorization

Please feel free to contact me by phone (253) 853-7369 or by email at Ross@PyxisRC.com if you have any questions or need any additional information.

Sincerely,



Ross Gilbert

Enclosures



4
15

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

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

Browseban™ contains 0.173 pound of active ingredient per gallon

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • 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 doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • 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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>NOTE TO A PHYSICIAN: 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.</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
HOT LINE NUMBER	
<p>For 24 Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call 1-800-535-5053.</p>	

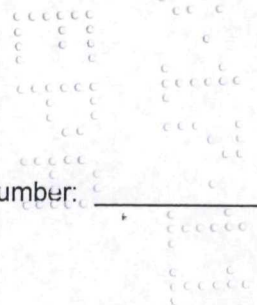
EPA Reg. No. 85493-1

Notification Accepted

EPA Est. No. 85493-MI-001

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

Date: SEP 20 2011
Reviewer: M. Adams



NET CONTENTS: 2 ½ Gallons

Batch Code/Lot Number: _____

5
15

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

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. 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.

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 requirement specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

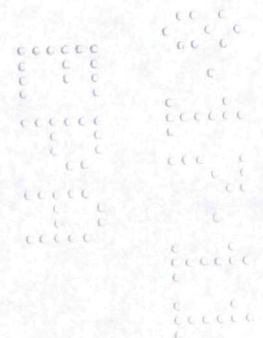
6
15

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.

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.

*Not for use on raccoons in California.



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 earliest 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 damage to crops in this field. **Note:** 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. **New growth** 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 – Raccoon*

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 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.

8
15

- 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.

Broccoli - 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 crops in this field.
- 2. Minimum 10 GPA for adequate coverage to foliage.
- 3. Rainfall or irrigation following application may reduce protection and require. 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.

Cabbage: 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 of 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 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.

Carrots – Processing and Fresh Market Varieties

Deer

Previous Field History/Damage 1.	Rate of Application 2, 6.	Timing of Application 3, 4, 5.
----------------------------------	---------------------------	--------------------------------

9
15

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. Note: Treatment prior to start of browsing provides the 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. This product does not protect carrot 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.		

Corn - Sweet

Deer – Raccoon*: 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, raccoon*)</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. <i>New growth emerging after treatment may not be protected.</i>		
6. Mid-pollination to harvest: drop nozzles will provide better ear coverage.		

Corn - Sweet

Deer – Plant Population Protection

10
15

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 ear coverage.

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.

11
15

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.

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 <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.

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 earliest 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.

12
15

- 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. **New growth** emerging after treatment may not be protected.
- 5. If tank mixing this product with other pesticides, perform a standard jar test for compatibility.

Peppers - Bell – 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. 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.

Fruit Trees - Apple and Cherry

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 earliest spray opportunity that the weather/temperature permits, while trees are dormant. Continue treatment on 7 day treatment schedule until after next seasons buds appear and temperature prevents continued application.
Medium Damage/ Browsing	SAME AS ABOVE	Start treatments before new browsing occurs, before budswell or at the earliest sign of new browsing. Continue treatment on 7 day treatment schedule until after next season's buds appear

13
15

		and temperatures prevent continued application.
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 of foliage. Ensure thorough application/coverage of susceptible foliage. Spray to wet, avoiding spray run off. If tree size permits, handgun applications provide the most thorough and economical coverage. Waxy and hard "finish" leaves are more difficult to maintain spray retention. Be sure to follow a regular treatment schedule for best protection.		
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 this product with other pesticides, perform a standard jar test for compatibility.		

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 earliest 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. Note: 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. New growth 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.		

Tomatoes: 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	Start treatment one week after transplanting. Continue

14
15

	gal water	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 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.		

Zucchini - Seed and Transplant

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 earliest opportunity after emergence or transplanting. 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.		
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. New growth emerging after treatment may not be protected.		
5. If tank mixing this product with other pesticides, perform a standard jar test for compatibility.		

15
15

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

Pesticide Storage: Keep away from children and domestic animals. Store in original container only. Store in a cool dry place and avoid excess heat. After partial use, replace lids and close tightly. Do not put concentrate or dilute material in food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. In case of spill, avoid contact, isolate area and keep out animal and un-protected persons. Confine spills. Call 1-800-535-5053. To confine spill, dike surrounding area or absorb with sand, cat litter or dry clay. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: Wastes resulting from use of this product must be disposed of on-site or at an approved waste disposal facility. If mixed with other pesticide(s), then follow directions on that product(s) label.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is not available, puncture or dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke. Triple-rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or incinerate, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTEE

Terms of sale or use: On purchase of this product both the buyer and user agree to the following conditions. Repellex® makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is.

To the fullest extent permitted by State Law: The manufacturer shall not be liable for the buyer's and user's use and/or handling and or storage for this material, when such use and/or handling and/or storage is contrary to labeling directions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer and user at their own risk.

REPELLEX®'s directions for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with label directions or established safe practice.

Damages: Buyers or users exclusive remedy for damages for breach of warrantee or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

BrowseBan™ and Repellex® are trademarks of Repellex USA, Inc.

[Rev 8/11]