



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

90060-1

**Date of Issuance:**

3/20/2015

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Unconditional

**Name of Pesticide Product:**

Tangler CM

**Name and Address of Registrant (include ZIP Code):**

Ridge Quest, Inc.  
 13864 Eagle Ridge Drive, Suite B  
 Kent City, MI 49330

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

**Signature of Approving Official:**

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

**Date:**

3/20/2015

3. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 90060-1.”
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statements of Formula (CSFs):

- Basic CSF dated 10/20/2014
- Alternate CSF #1 dated 10/20/2014
- Alternate CSF #2 dated 10/20/2014

If you have any questions, please contact Gina Burnett of my team by phone at (703) 605-0513 or via email at [burnett.gina@epa.gov](mailto:burnett.gina@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

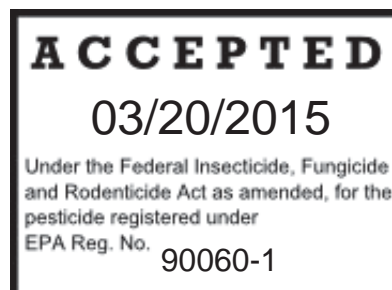
# TANGLER CM

A MATING DISRUPTION PRODUCT FOR CODLING MOTH (*Cydia pomonella*) AND  
HICKORY SHUCKWORM (*Cydia caryana*)

Active Ingredient:	
(E, E)-8, 10- Dodecadien -1-ol .....	58.53%
Other ingredients .....	41.47%
Total .....	100.00%
137.55 mg active ingredient per dispenser	
<b>KEEP OUT OF REACH OF CHILDREN</b>	
<b>CAUTION</b>	

<b>PRECAUTIONARY STATEMENTS</b>
<b>HAZARD TO HUMANS AND DOMESTIC ANIMALS:</b> Caution- Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the bathroom.
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE):</b> Applicators and handlers must wear long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables use detergent and hot water. Keep and wash PPE separately from other laundry.
<b>ENVIRONMENTAL HAZARDS:</b> For terrestrial uses: Do not apply directly to water, or to areas where surface waters is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate.
<b>FIRST AID STATEMENT</b>
<b>IF ON SKIN OR CLOTHING:</b> Remove contaminated clothing. Immediately rinse skin for 15-20 minutes using plenty of water. Contact poison control center or doctor for treatment advice.
<b>IF IN EYES:</b> Hold eyes open, slowly and gently rinse with water for 15-20 minutes. If wearing contact lenses, rinse eyes for 5 minutes, remove contract lenses, then continue rinsing. Contact poison control center for doctor for treatment advice.
<b>HOT LINE NUMBER:</b> Have the product container or label with you when contacting a poison control center o doctor, or going for treatment. You can call the United States poison control center at 1-800-222-1222. You may also contact Ridge Quest Inc. at 1-616-675-7474 for additional information.

Manufactured for:  
Ridge Quest Inc.  
13864 Eagle Ridge Drive, Suite B  
Kent City, MI 49330  
EPA Reg. No. 90060-R  
EPA Est. No. 90050-MI-01  
Net Contents:  
Batch No:



<b>DIRECTIONS FOR USE</b>
<b>IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.</b>
<b>It is CRITICAL that TANGLER CM is applied as directed.</b>
<b>CROPS:</b> Apples, pears, quince and other pome fruit; walnut, pecan and other tree nut crop; peaches, prunes, plums, nectarines and other stone fruits.
<b>TARGET PESTS:</b> Codling moth ( <i>Cydia pomonella</i> ) and Hickory shuckworm ( <i>Cydia caryana</i> )
<b>TIMING:</b> Apply prior to emergence of target pests in the spring. Consult your local independent pest advisor, or distributor representative for proper timing.
<b>PLACEMENT:</b> Dispensers should be targeted to be placed in the top of the tree. Dispensers should be placed no lower than the upper third. They should be applied evenly throughout the treated area. If more than one dispenser is to be placed in a tree they should be on opposite sides.
<b>RATE:</b> Minimum of 250 dispensers per acre (34.39 g a.i. per application). Maximum of 500 dispensers per acre (68.78 g a.i. per application). Apply maximum rate of dispensers in orchards that are medium to high risk, or moderate to heavily infested orchards, or any orchard adjacent to stored bins, buildings or untreated orchards. High risk orchards are defined as first year disruption or if traps placed at 1 per every five acre block are catching more than 3 moths a week. Apply double rates of dispensers to edges of orchard. Do not exceed 150 g a.i. (or 950 dispensers) per acre per year.
<b>NOTE:</b> Tangler CM mating disruption formulations are used to disrupt the mating cycle of the target pest(s). The efficacy of any mating disruptant will be reduced by the influx of mated females from adjacent external sources of infestation. The areas of infestation can be removed, treated with Tangler CM, treated with an effective insecticide or the pheromone treated orchard can be treated with insecticide. The most effective treatment use of disruption are large uniform blocks or areawide. Supplemental insecticide treatments are recommended in areas were populations are above threshold levels or high populations. All pests in the pheromone treated area must be monitored so that timely intervention with insecticides is possible.
<b>APPLICATION METHOD:</b> Tangler CM can be applied by throwing, walking or from an ATV. It can also be applied by using a compressed gas powered launcher. The product should be targeted at the upper third of the tree. If product is placed too low in trees, moth mating can occur above pheromone level. Apply product evenly over the whole area to be treated. Twenty percent more product should be applied to border or entry areas.
<b>HAND APPLICATION:</b> Place one Tangler CM in hand, break apart and throw at targeted area. Product will open up and start to spin before tangling in target zone.
<b>MECHANICAL APPLICATION:</b> Using a compressed gas powered launcher, load a clip of Tangler CM. Target the upper third of the tree and pull the trigger. Tangler CM will tangle in the target area.
<b>MONITORING:</b> Treated areas should be monitored weekly by placing delta traps every 5 acres baited with a codling moth lure. Continue monitoring throughout the season for both the target pest and non-target pests. Supplemental controls may be needed if pest populations reach threshold levels.

<b>STORAGE AND DISPOSAL</b>
<b>Do not contaminate water, food or feed by storage or disposal.</b>
<b>PESTICIDE STORAGE:</b> Store in original unopened package in a dry location at temperatures below 40 degrees Fahrenheit. To prevent contamination with food or feed, store only unopened product packages in cold storage facilities that are used for food or feed.
<b>PESTICIDE DISPOSAL:</b> Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.
<b>CONTAINER DISPOSAL:</b> Nonrefillable container. Do not reuse or refill this container. Dispose of empty box in the trash.

**WARRANTY AND LIMITATION OF DAMAGES**

All statements concerning the use of this product apply only when used as directed. Ridge Quest Inc. warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Ridge Quest Inc. makes no other warranties of merchantability and fitness for a particular purpose or otherwise, that extend beyond the statements made on this label, express or implied warranty. To the extent consistent with applicable law, Ridge Quest Inc.'s liability or default breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Ridge Quest Inc. shall have no liability for damages (special, consequential or incidental) that result from handling storage and use of this product, which is not in compliance with the label. Use of this product implies all directions of this label have been read carefully. Read all directions thoroughly.