

Crops: COTTONSEED SUBGROUP 20C: Cultivars, varieties and/or hybrids of these.

Pests	Application Rate (fl. oz./acre)	Application Timing
Beet Armyworm (early season before first bloom)	2 - 4 (0.031 - 0.063 lb. a.i.)	For early infestations, apply Durant 2 L IGR at the first sign of beet armyworm activity (2 egg masses or hatch outs/100 feet of row) in multiple applications, either as directed or broadcast spray. Use on a 5- to 7-day interval until 8 fl. oz. (0.125 lb. a.i.) per acre have been applied. Multiple applications of Durant 2 L IGR will provide acceptable beet armyworm control and because it has little activity on beneficial insects (parasites and predators) and has good persistence, will help prevent populations of beet armyworm from building up later in the growing season. Use of Durant 2 L IGR in this way allows for more complete coverage of new foliage during the period of rapid vegetative growth.
Beet Armyworm (mid-season)	4 - 8 (0.063 - 0.125 lb. a.i.)	Apply starting around first bloom and through mid-bloom. Repeat application until up to 8 fl. oz. (0.125 lb. a.i.) per acre have been applied, using a 5- to 7-day interval between applications. Use higher listed application rate on larger cotton and/or under conditions of greater larval pressure. Apply first application to coincide with peak beet armyworm moth catches in pheromone traps, indicating another generation of larvae is imminent. Durant 2 L IGR is more effective on early stages of larval development, therefore treat cotton leaves before populations become established.
Beet Armyworm (late season)	6 - 8 (0.094 - 0.125 lb. a.i.)	Apply after mid-bloom and prior to 14 days before harvest. Use higher application rate on larger cotton and/or under conditions of greater larval pressure. Coincide application with peak beet armyworm moth catches in pheromone traps. Additional applications may be needed if larval pressure continues.
Fall Armyworm Yellowstriped Armyworm Southern Armyworm Suppression Only: Soybean Looper Cabbage Looper Saltmarsh Caterpillar	4 - 8 (0.063 - 0.125 lb. a.i.)	Apply during early stages of larval development. Repeat application until at least 8 fl. oz. (0.125 lb. a.i.) per acre have been applied using a 5- to 7-day interval.
Boll Weevil (early season, before first bloom)	4 - 8 (0.063 - 0.125 lb. a.i.)	Durant 2 L IGR will control boll weevil by suppressing reproduction. Apply with 2 to 4 qts. of emulsified cottonseed oil, vegetable oil, or paraffinic crop oil. A compatibility agent may be needed if a non-emulsified cottonseed oil is used. Consult your supplier or company representative for oil specifications. For best suppression of boll weevil reproduction, make first application at pinhead square stage of cotton growth when overwintering boll weevils are entering the fields. Repeat applications must allow a minimum of 7 days between applications. Durant 2 L IGR does not kill the adult boll weevil; however, eggs deposited by affected female weevils will not hatch, thus limiting reproduction. The control of egg hatch and larval development within the square prevents its shedding and will then allow normal boll development. After the initial treatment of the female weevil, 7 to 10 days are required before non-hatching eggs are laid; however, once affected, non-hatching eggs will be laid for approximately 10 days, and longer if the female encounters more Durant 2 L IGR . Thus treat early and use multiple applications.
Boll Weevil (early season, before first bloom)	2 - 4 (0.031 - 0.063 lb. a.i.)	Durant 2 L IGR will reduce the number of weevils that emerge in the following spring if applications are made when adult weevils are going into diapause to overwinter. Apply when cotton plant has reached full vegetative growth or when it begins blooming out the top. For LV application spray in combination with 2 to 4 qts. of an emulsifiable vegetable or paraffinic oil per acre. A compatibility agent may be needed if a non-emulsified cottonseed oil is used. Apply at least 2, but not more than 3, applications at 7- to 14-day intervals.
Grasshopper	2 (0.031 lb. a.i.)	Apply when the majority of infesting grasshoppers have reached the 2nd to 3rd nymphal stage of development. Durant 2 L IGR is not effective in controlling grasshoppers once they reach the adult stage. If a large influx from neighboring fields should occur, the time to reduce that population may not be short enough to minimize extensive foliage feeding; use a tank mix with a knockdown insecticide under these conditions.

Aerial Application: Apply in 3 to 5 gallons total volume per acre.

Ground Application: Apply in 10 to 20 gallons total volume per acre.

Adjuvant Usage: The use of crop oil (1 to 2 qts.) with **Durant 2 L IGR** for larva/nymphs may improve control if conditions are favorable for water evaporation (e.g. high air temperature and/or low humidity). For ground or aerial LV application, use 1 pt. to 2 qts. of emulsified vegetable or paraffinic crop oil to enhance canopy penetration and to reduce spray droplet evaporation and subsequent drift. A compatibility agent may be needed if non-emulsified cottonseed oil is used.

Consult your supplier or company representative for oil specifications.

Use sufficient application volume to assure adequate coverage. **Durant 2 L IGR** may be mixed with other insecticides being applied for other cotton insects. When emulsifiable concentrate insecticide formulations are used with oil and **Durant 2 L IGR** in tank mixes, they may result in phytotoxicity. Care must be taken where such mixture is used. Because of the unique mode of action of **Durant 2 L IGR**, its visible effects on larvae/nymphs may not be seen for 5 to 7 days following application.

COTTONSEED SUBGROUP 20C RESTRICTIONS:

- DO NOT make more than 6 applications per season.
- DO NOT application more than 8 fl. oz. of **Durant 2 L IGR** (0.125 lb. a.i.) per acre per application.
- DO NOT apply more than 24 fl. oz. of **Durant 2 L IGR** (0.375 lb. a.i.) per acre per calendar year.
- DO NOT exceed 3 applications and 12 fl. oz. (0.188 lb. a.i.) per acre per calendar year post boll opening.
- **Pre-harvest Interval:** DO NOT harvest within 14 days of application.



Crops: **TREE NUTS GROUP 14-12**** includes: African tree nut; Almond; Beech nut; Brazil nut; Butternut Brazilian pine Bunya; Bur oak; Cajou nut Candlenut; Cashew; Chestnut; Chinquapin Coconut; Coquito nut; Dika nut; Filbert (hazelnut); Ginkgo; Guiana chestnut Heartnut; Hickory nut; Japanese horse chestnut; Macadamia nut (bush nut); Mongongo nut; Pecan; Pistachio; Sapucaia nut; Tropical almond; Walnut (black and English) Yellowhorn; cultivars, varieties, and/or hybrids of these.

Pests	Application Rate (fl. oz./acre)	Application Timing
Codling Moth	16 (0.250 lb. a.i.)	Durant 2 L IGR is most effective when applied prior to egg laying. Durant 2 L IGR must be present on the surface upon which eggs are laid; therefore, full coverage spray is necessary. Apply first application when moth flights begin or when moths are found in pheromone traps. Apply the 2nd application approximately 21 days after the 1st application. For control of the 2nd brood, application should be timed prior to egg laying, similar to 1st brood. Because of fluctuations in temperature, the emergence and moth flights of the over-wintering population may be extended over a long period of time. Under such circumstances, Durant 2 L IGR should be tank mixed with an organophosphate insecticide at its lowest label rate. This tank mix should be applied at normal 1st organophosphate timing. Later in the season, if egg laying has already occurred before application of Durant 2 L IGR , tank mix Durant 2 L IGR with an organophosphate as previously described.
Filbert Worm	12 - 16 (0.188 - 0.250 lb. a.i.)	The lower rate may be used where filbert worm pressure is low and/or the trees are small. The higher listed rate is necessary when worm pressure is moderate to high and/or the trees are large. Apply Durant 2 L IGR 2 to 3 days after the 1st moth is caught in pheromone detection traps. Mating takes place within several days of emergence and egg laying begins the next day. Durant 2 L IGR must be applied prior to egg deposition on the treated foliage. Good uniform coverage of the tree is essential to achieve optimum control of filbert worm with Durant 2 L IGR . Normally Durant 2 L IGR will give season long control. If moth pressure remains high, additional applications should be made.
Hickory Shuckworm	8 - 16 (0.125 - 0.250 lb. a.i.)	Apply split applications of Durant 2 L IGR at 4 - 8 fl. oz. (0.063 - 0.125 lb. a.i.) per acre when hickory shuckworm moth emergence begins or larval feeding is detected and then again two weeks later for maximum nut protection and hickory shuckworm control. Apply Durant 2 L IGR starting at half-shell hardening. Make subsequent applications at 21-day intervals to shuck split, or while nuts are susceptible to hickory shuckworm under heavy infestations. Use the higher listed rate under higher pest infestations, low crop load, larger trees or heavy, dense foliage.
Peach Twig Borer	12 - 16 (0.188 - 0.250 lb. a.i.)	Dormant/Delayed Dormant: Apply Durant 2 L IGR at the rate of 12 - 16 fl. oz. (0.188 - 0.250 lb. a.i.) per acre with 4 to 8 gallons per acre (1.5 to 2.0 gallons per 100 gallons in a dilute spray) narrow range oil. Always use the higher listed rate of Durant 2 L IGR in the rate range if the crop has a history of heavy infestations. Bloom: Apply Durant 2 L IGR at the rate of 12 - 16 fl. oz. (0.188 - 0.250 lb. a.i.) per acre starting at early bloom. Always use the higher listed rate of Durant 2 L IGR in the rate range if the crop has a history of heavy infestations. Spring Flight ("May Spray"): Using pheromone traps to determine flight activity, apply Durant 2 L IGR at the rate of 16 fl. oz. (0.250 lb. a.i.) per acre at initial flight activity. Summer Flight: Using pheromone traps to determine flight activity, apply Durant 2 L IGR at the rate of 16 fl. oz. (0.250 lb. a.i.) per acre at initial flight activity.
Pecan Nut Casebearer	8 - 16 (0.125 - 0.250 lb. a.i.)	Apply split applications of Durant 2 L IGR at 4 - 8 fl. oz. (0.063 - 0.125 lb. a.i.) per acre beginning at bud break and then again two weeks later for maximum nut set and pecan nut casebearer control. Normal timing in southeastern US would be from mid-April for bud break and then two weeks later (early May). Apply Durant 2 L IGR in split applications at the initiation of each adult generation to target egg hatch. Note for the 1st generation this is approximately 8 to 15 days following the first prolonged moth catch (biofix which is defined as the date on which the total of 5 moths are captured in 3 pheromone traps within a 7-day period). States may have a different recommendation for initiation of spraying; please consult authorities such as county and university extension specialists on current recommendations. Use the higher listed rate for longer residual control, higher pest infestations, low crop load, larger trees or heavy, dense foliage.
Pecan Weevil (suppression)	8 - 16 (0.125 - 0.250 lb. a.i.)	Use the higher listed rate if weevils are attacking fruit and for higher infestations.
Others, Including: Fall Webworm Filbert Leafroller Obliquebanded Leafroller Omnivorous Leafroller Omnivorous Leaf-tier Oriental Fruit Moth Redhumped Caterpillar Variegated Leafroller Walnut Caterpillar Winter Moth	8 - 16 (0.125 - 0.250 lb. a.i.)	Apply Durant 2 L IGR at the first sign of larval infestations. Use the higher listed rate for longer residual control, higher pest infestations, low crop load, larger trees or heavy, dense foliage.
Tent Caterpillars*	8 - 16 (0.125 - 0.250 lb. a.i.)	Durant 2 L IGR may be applied by ground equipment to almonds, pecans, pistachios, and walnuts (black and English). Apply at first sign of larval infestation. Use higher listed rate for longer residual control, higher pest infestations, low crop load, larger trees or heavy dense foliage.

Apply ground applications in sufficient water for thorough coverage, using at least 50 gallons per acre for small trees (10 feet tall) and at least 100 to 300 gallons per acre for larger trees. For optimal results, use enough water for thorough coverage and make sure that canopy is evenly and thoroughly covered. If 4 applications are used, application timing should correspond to dormant to pre-bud swell, bloom to petal fall, and at leaves/immature nut fruit formation and at hull split.

TREE NUTS GROUP 14-12 RESTRICTIONS:

- Pre-harvest interval is 28 days.
- DO NOT apply more than 16 fl. oz. of **Durant 2 L IGR** (0.250 lb. a.i.) per acre per application.
- DO NOT exceed 64 fl. oz. of **Durant 2 L IGR** (1.000 lb. a.i.) per acre per year.
- DO NOT make more than 4 applications per season (3 for walnuts).

*Not registered for use in California

**Not registered for use in New York



Crops: TURFGRASS** (For use on sod farms only)		
Pests	Application Rate (fl. oz./acre)	Application Timing
Lepidopteran foliage feeding caterpillars such as: Sod webworm Armyworms, including: Fall, True, Southern, Beet, Yellow-striped, Striped Grass Looper, Granulate Cutworm	2 (0.031 lb. a.i.)	Apply Durant 2 L IGR at first sign of hatchouts and prior to larvae reaching 4th instars (>1/2 inch). Apply in 20 to 50 gallons of water per acre depending on density of turf and caterpillar pressure. Durant 2 L IGR must be ingested and larvae must molt before populations are reduced. Repeat applications at 14-day intervals or as needed to protect new foliage growth.
Application Instructions Durant 2 L IGR can be applied in 20 to 50 gallons of water per acre depending on the density of turf and caterpillar pressure. Use higher volume of water for greater insect pressure or dense foliage. Durant 2 L IGR can be reapplied, if necessary, after an application interval of 14 days.		
TURFGRASS (for use on sod farms only) RESTRICTIONS: <ul style="list-style-type: none"> ▪ DO NOT exceed a total of 4 applications per year. ▪ DO NOT apply more than 2 fl. oz. of Durant 2 L IGR (0.031 lb. a.i.) per acre per application. ▪ DO NOT apply more than 8 fl. oz. of Durant 2 L IGR (0.125 lb. a.i.) per acre per calendar year. **Not registered for use in New York		

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STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

For plastic containers ≤ 5 gallons: Nonrefillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

For plastic containers > 5 gallons: Nonrefillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Recap and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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