Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

8143.14
Disc.

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2012-2014 LIC. NO.

RESTRICTED USE PESTICIDE

DUE TO ACUTE TOXICITY AND TOXICITY TO FISH AND AQUATIC ORGANISMS
For retail sale to and use only by certified applicators or persons under their supervision and only for those uses covered by the certified applicator's certification.

Battalion™ 0.2 EC

Insecticide

GROUP	3	INSECTICIDE

For Insect Control on Bulb Vegetables, Cucurbit Vegetables, Fruiting Vegetables, Root Vegetables (except Sugarbeets), Tuberous and Corm Vegetables, Pome Fruits, Tree Nuts, Canola and Rapeseed, Cotton, Field Corn, Popcorn, Sweet Corn, Soybeans, Sorghum and Sunflowers.

ACTIVE INGREDIENT:	Percent by Weight
(1R,3R)-3(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylic acid (S)-alpha-cyano-3-phenoxy-benzyl ester	2.86%*
INERT INGREDIENTS**:	97.14%
	TOTAL 100.00%

*Equivalent to 0.2 lb. active ingredient per U.S. gallon.
**Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day CHEMTREC (703) 527-3887 or 1-800-424-9300
For **PRODUCT USE** Information Call 1-866-761-9397

FIRST AID

IF SWALLOWED: • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.

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

IF ON SKIN OR CLOTHING: • 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 INHALED: • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

FOR MEDICAL EMERGENCIES CALL 24 HOURS A DAY 1-800-228-5635 EXT. 174
HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Distribution by:
ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION
15401 Weston Parkway, Suite 150
Cary, NC 27513

EPA Est. No. 3125-MO-1
EPA Registration No. 264-1007-66330
Label Number 20597-B

Arysta LifeScience

NET CONTENTS: 1 GALLON

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

May be fatal if swallowed. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if absorbed through the skin or inhaled. Avoid breathing spray mist. Wear protective clothing, gloves, eyewear (goggles, face shield or safety glasses) as indicated under Personal Protective Equipment. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Skin exposure may result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Handlers who may be exposed to the dilute through application or other tasks must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves such as barrier laminate or Viton®
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when mixing or loading, or cleaning equipment

Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when mixing or loading, or cleaning equipment

ENGINEERING CONTROLS STATEMENT

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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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This pesticide is highly toxic to bees exposed to direct treatment. Do not apply it or allow it to drift to crops or weeds on which bees are actively foraging.
Notify State and/or Federal authorities and Arysta LifeScience North America Corporation immediately if you observe any adverse environmental effects due to the use of BATTALION 0.2 EC Insecticide.

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store over 100°F or below 50°F.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by 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.

WHEN PACKAGED IN PLASTIC CONTAINERS:

Container Disposal: Empty containers should be triple rinsed into the spray tank during the spray operation. Then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WHEN PACKAGED IN SVR CONTAINERS:

Returnable Container Return Procedure: Return the container clean (outside only) to the place of business from which the BATTALION 0.2 EC Insecticide was purchased. This returnable container is the sole property of Arysta LifeScience North America Corporation and must not be opened or discarded.

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 workers 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 agency responsible for pesticide regulation.
Shake well before using.

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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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:

(continued)

AGRICULTURAL USE REQUIREMENTS *(continued)*

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves such as barrier laminate or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

APPLICATION

Dilute BATTALION 0.2EC Insecticide in water according to the directions shown below and apply to the target crops at the rates listed. Uniform coverage is essential. Consult your local or state agricultural authorities regarding economic thresholds and timing of application for specific pests. Under heavy pest populations use of the highest labeled rate is recommended.

BATTALION 0.2EC Insecticide may be applied before, during, or after planting. Use the higher labeled rate for soil incorporated applications.

RESISTANCE

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.
If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

TANK MIX RECOMMENDATIONS

BATTALION 0.2EC Insecticide may be applied in tank mixtures with other pesticides approved for use on the crops specified. Observe all restrictions and precautions which appear on the labels of those products. If compatibility with another product is not known perform a small-scale test to determine compatibility. When testing combination sprays for compatibility, first add BATTALION 0.2EC Insecticide to at least an equal amount of water in a clear container, mix thoroughly, and then add combination products to the mixture. Curdling, precipitation, greasing, layer formation or increased viscosity are symptoms of incompatibility. If any of these symptoms appear do not use the combination.

BATTALION 0.2EC Insecticide may also be applied in combination with additive products such as adjuvants, spreader stickers, penetrating agents, and drift control agents. Observe all restrictions and precautions which appear on the labels of those products. If compatibility with such a product is not known, a small scale test as described above should be performed.

COTTON

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cotton fleahoppers Cotton leafperforator Cotton leafworm Cutworm Leafhoppers Threecornered alfalfa hopper Thrips	0.013 to 0.019	8.3 to 12.2	**Minimum Gallonage Requirements:** For aerial application use a minimum of 2 gallons of water per acre (3 gallons in Arizona). For ground applications, use a minimum of 5 gallons of water per acre for thorough coverage of the foliage. **Optimum Gallonage Requirements:** For aerial applications under hot, dry environmental conditions or when the crop canopy is dense, gallonage requirements may need to be increased to 3 to 5 gallons of water plus crop oil concentrate at 1 pint to 1 quart per acre. Ground application gallonage should be increased to a minimum of 10 gallons per acre obtain thorough coverage. **NOTES for Use on Cotton:** 1. DO NOT apply more than 192 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.3 lb ai/A) per growing season. 2. DO NOT make more than 10 applications of BATTALION 0.2EC Insecticide. 3. Allow 5 days between successive applications of BATTALION 0.2EC Insecticide. 4. DO NOT apply BATTALION 0.2EC Insecticide within 21 days of harvest. 5. DO NOT apply this product as a ULV application. Dilute the desired amount of BATTALION 0.2EC Insecticide so that at least 2 gallons of spray solution per acre is applied.
Armyworm (all species)[2, 3] Aphids[1] Boll weevil Cabbage looper[3] Cotton bollworm European Corn borer Grasshoppers Mites[1] Pink bollworm Saltmarsh caterpillar Soybean looper[3] Stink bugs Tarnished plant bug[2] Tobacco budworm[2] Whitefly (adult)[1] Western plant Bug[2]	0.019 to 0.030	12.2 to 19.2	

[1] Suppression only.

[2] See resistance statement under the "Directions For Use" section.

[3] For best control apply to 1st and 2nd instar larvae.

CORN, FIELD AND POP

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cutworms Flea beetles Grasshoppers	0.012 to 0.018	7.7 to 11.5	**Minimum Gallonage Requirements:** For aerial applications, use a minimum of 2 gallons of water per acre. For ground applications, use a minimum of 5 gallons of water per acre for thorough coverage of the foliage. **NOTES for Use on Corn:** 1. DO NOT apply more than 60.8 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.095 lb ai/A) on field corn in one growing season. 2. DO NOT make more than 5 applications of BATTALION 0.2EC Insecticide per acre per season. 3. Allow 21 days between successive applications of BATTALION 0.2EC Insecticide 4. DO NOT apply BATTALION 0.2EC Insecticide within 21 days of harvest of field corn for grain or fodder, or within 12 days of cutting or grazing field corn for forage.
Aphids[1] Armyworm (all species)[2,3] Chinch bugs Click beetle Corn earworm[2,3] Corn rootworm (adult) European corn borer[3] Japanese beetle (adult) June beetle (adult) Masked chafer (adult) Southern corn borer[3] Southwestern corn borer[3] Stalk borer[3] Stink bugs Webworm	0.018 to 0.022	11.5 to 14.1	

[1] Suppression only.

[2] See resistance statement under the "Directions For Use" section.

[3] Apply to early instar larvae prior to boring into the ear or stalk.

CORN, SWEET

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cutworms Flea beetles Grasshoppers	0.012 to 0.018	7.7 to 11.5	**Application Interval:** To protect the tassel, silk and ear, a 1 day interval may be used from tassel emergence to silk dry-down. Once silks have dried and egg laying has stopped, spray intervals may be extended as indicated by scouting. **Minimum Gallonage Requirements:** For aerial applications, use a minimum of 2 gallons of water per acre. For ground applications, use a minimum of 5 gallons of water per acre for thorough coverage of the foliage. As the crop canopy closes water volume should be increased to a minimum of 5 gallons per acre for aerial applications and a minimum of 10 gallons of water per acre for ground applications to insure thorough coverage. **NOTES for Use on Sweet Corn:** 1. DO NOT apply more than 288 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.45 lb ai/A) on sweet corn in one growing season. 2. DO NOT apply BATTALION 0.2EC Insecticide within 24 hours of harvest. 3. DO NOT graze livestock in treated areas or cut treated crops for feed within 24 hours of the last application to a fresh / green crop. 4. DO NOT feed treated stover to livestock within 21 days of application.
Aphids[1] Armyworm (all species)[2,3] Chinch bugs Click beetle Corn earworm[2,3] Corn rootworm (adult) European corn borer[3] Japanese beetle (adult) June beetle (adult) Masked chafer (adult) Southern corn borer[3] Southwestern corn borer[3] Stalk borer[3] Stink bugs Webworm	0.018 to 0.028	11.5 to 17.9	

[1] Suppression only.

[2] See resistance statement under the "Directions For Use" section.

[3] Apply to early instar larvae prior to boring into the ear or stalk.

SORGHUM

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Corn earworm (also known as sorghum headworm) Cutworms Flea beetles Grasshoppers Sorghum webworm	0.012 to 0.018	7.7 to 11.5	**Minimum Gallonage Requirements:** For aerial applications, use a minimum of 2 gallons of water per acre. For ground applications, use a minimum of 5 gallons of water per acre for thorough coverage of the foliage.
Aphids[1] Armyworm (all species)[2,3] Chinch bug Corn rootworm beetles (adult) European corn borer[3] Lesser corn stalk borer[3] Mexican rice borer[3] Southern corn borer[3] Stalk borer[3] Sugarcane borer[3] Sorghum midge	0.015 to 0.022	9.6 to 14.1	**NOTES for Use on Sorghum:** 1. DO NOT apply more than 28.8 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.045 lb. ai/A) on sorghum in one growing season. 2. DO NOT apply BATTALION 0.2EC Insecticide within 14 days of harvest of sorghum grain. 3. DO NOT cut or graze sorghum forage within 14 days after application of BATTALION 0.2EC Insecticide.
Stink bugs	0.018 to 0.022	11.5 to 14.1	

[1] Suppression only.

[2] See resistance statement under the "Directions For Use" section.

[3] Apply to early instar larvae prior to boring into the stalk.

SOYBEANS

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Corn earworm[3] Cutworms Green cloverworm Leafhoppers Three-cornered alfalfa hopper Velvetbean caterpillar	0.012 to 0.018	7.7 to 11.5	**Minimum Gallonage Requirements:** For aerial applications, use a minimum of 2 gallons of water per acre. For ground applications, use a minimum of 5 gallons of water per acre for thorough coverage of the foliage.
Armyworm (all species)[2,3] Bean leaf beetle Cabbage looper[3] Click beetle Corn rootworm beetles (adult) European corn borer Grape colaspis (adult) Grasshoppers Japanese beetle (adult) Masked chafer Mexican bean beetle Saltmarsh caterpillar Soybean aphid Soybean looper[3] Stink bugs Tarnished plant bug[2] Tobacco budworm[2,3] Webworm Yellow Woollybear	0.018 to 0.022	11.5 to 14.1	**Optimum Gallonage Requirements:** For aerial applications under hot, dry environmental conditions or when the crop canopy is dense, gallonage requirements may need to be increased to 3 - 5 gallons of water plus crop oil concentrate at 1 pint to 1 quart per acre. Ground application gallonage should be increased to a minimum of 10 gallons per acre to obtain thorough coverage. **NOTES for use on Soybeans:** 1. DO NOT apply more than 64 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.1 lb ai/A) on soybeans in one growing season. 2. DO NOT apply BATTALION 0.2EC Insecticide within 21 days of harvest. 3. DO NOT allow livestock to graze treated forage, or feed treated hay to livestock.

[2] See resistance statement under the "Directions For Use" section.

[3] For best control apply to 1st and 2nd instar larvae.

SUNFLOWERS (Except in California)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Banded sunflower moth Cabbage looper[3] Corn earworm[3] Cutworms Grasshoppers (except lubber grasshoppers) Leafhoppers Potato flea beetle Sunflower beetle Sunflower seed weevil Sunflower stem weevil (moth) Sunflower maggot Sunflower moth	0.012 to 0.018	7.7 to 11.5	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use a minimum of 5 gallons of water per acre for thorough coverage of the foliage. **NOTES for Use on Sunflowers:** 1. DO NOT apply more than 28.8 fluid ounces of BATTALION 0.2EC Insecticide Insecticide per acre (0.045 lb ai/acre) on sunflowers in one growing season. 2. DO NOT apply within 21 days of harvest for sunflowers. 3. DO NOT graze or feed treated sunflower foliage to livestock. 4. DO NOT apply this product to sunflowers as an Ultra Low Volume (ULV) spray.

[3] For best control apply to 1st and 2nd instar larvae.

BULB VEGETABLES Includes all members of Crop Group 3 such as: (garlic, leeks, onions, shallots)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cutworms	0.012 to 0.018	7.7 to 11.5	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use sufficient water to obtain full coverage of foliage. **NOTES for Use on Bulb Vegetables:** 1. DO NOT apply more than 71.7 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.112 lb ai/A) on bulb vegetables in one growing season. 2. Allow 5 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 1 day of harvest.
Stink bugs Thrips	0.018 to 0.028	11.5 to 17.9	

CUCURBIT VEGETABLES

Includes all members of Crop Group 9 such as:
(cantaloupes, chayote, Chinese waxgourd, citron melon, cucumber, gherkin, gourds, *Momordica* species, muskmelon, pumpkin, squash, watermelon)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cabbage looper Cutworms Leafhoppers	0.012 to 0.028	7.7 to 17.9	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use sufficient water to obtain full coverage of foliage.
Armyworm (all species)[2,3] Colorado potato beetle[2] Corn earworm Cucumber beetles Diamondback moth (larvae)[2] Flea beetles Grasshoppers Green peach aphid[1] Leafminers[2] Melonworm Pickleworm Stink bugs Tarnished plant bug[2] Tobacco budworm[2,3] Tomato pinworm Vegetable weevil (adult) [1] Western plant bug[2] Whitefly (adult) [1]	0.018 to 0.028	11.5 to 17.9	**NOTES for Use on Cucurbit Vegetables:** 1. DO NOT apply more than 107.5 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.168 lb ai/A) on cucurbit vegetables in one growing season. 2. Allow 3 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 3 days of harvest.

[1] Suppression only.
[2] See resistance statement under the "Directions For Use" section.
[3] For best control apply to 1st and 2nd instar larvae.

FRUITING VEGETABLES

Includes all members of Crop Group 8 such as:
(eggplant, groundcherry, pepinos, peppers, tomatillo, tomato)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cabbage looper Leafhoppers Tomato hornworm	0.012 to 0.028	7.7 to 17.9	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use sufficient water to obtain full coverage of foliage.
Aphids[1] Armyworm (all species)[2,3] Colorado potato beetle[2] Cucumber beetle Cutworms Diamondback moth[2] European corn borer Flea beetles Imported cabbageworm Leafminers[1] Pepper weevil Stink bugs Tarnished plant bug[2] Thrips Tomato fruitworm (corn earworm) Tomato pinworm Variegated cutworm Whitefly[1]	0.018 to 0.028	11.5 to 17.9	**NOTES for Use on Fruiting Vegetables:** 1. DO NOT apply more than 107.5 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.168 lb ai/A) on fruiting vegetables in one growing season. 2. Allow 5 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 1 day of harvest.

[1] Suppression only.
[2] See resistance statement under the "Directions For Use" section.
[3] For best control apply to 1st and 2nd instar larvae.

GLOBE ARTICHOKE

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Aphids[1] Armyworm (all species)[2,3] Cabbage looper[3] Cribrate weevil Leafminers[1] Lygus bug (plant bug)[1,2] Pale striped flea beetles Plume moth Probas bug	0.018 to 0.028	11.5 to 17.9	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use sufficient water to obtain full coverage of foliage. **NOTES for Use on Globe Artichoke:** 1. DO NOT apply more than 89.6 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.14 lb ai/A) on root, tuberous and corm vegetables in one growing season. 2. Allow 3 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 3 days of harvest.

[1] Suppression only.
[2] See resistance statement under the "Directions For Use" section.
[3] For best control apply to 1st and 2nd instar larvae.

ROOT VEGETABLES (EXCEPT SUGARBEET)

Includes all members of Crop Subgroup 1B such as:
(carrot, celeriac, chervil (turnip-rooted), chicory, edible burdock, garden beet, ginseng, horseradish, parsley (turnip-rooted), parsnip, radish, oriental radish, rutabaga, salsify, black salsify, spanish salsify, skirret, turnip)

TUBEROUS and CORM VEGETABLES

Includes all members of Crop Subgroup 1C such as:
(potato, sweet potato, arracacha, arrowroot, chinese artichoke, jerusalem artichoke, edible canna, bitter and sweet cassava, chayote (root), chufa, dasheen, ginger, leren, tanier, tumeric, yam bean, true yam)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Cabbage looper[3] Cutworms Pea aphid	0.012 to 0.028	7.7 to 17.9	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use sufficient water to obtain full coverage of foliage. **NOTES for Use on Root, Tuberous, and Corm Vegetables:** 1. DO NOT apply more than 89.6 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.14 lb ai/A) on root, tuberous and corm vegetables in one growing season. 2. Allow 3 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 3 days of harvest. 4. Except for radishes, DO NOT apply to root, tuberous, and corm vegetables whose tops or leaves are to be harvested for human or livestock consumption.
Armyworm (all species)[2,3] Colorado potato beetle[2] European corn borer Flea beetles Green peach aphid[1] Leafhoppers Lygus bug (plant bug)[2] Tarnished plant bug[2]	0.018 to 0.028	11.5 to 17.9	

[1] Suppression only.
[2] See resistance statement under the "Directions For Use" section.
[3] For best control apply to 1st and 2nd instar larvae.

CANOLA, CRAMBE, RAPESEED

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Beet Armyworm[2,3] Bertha Armyworm Cabbage seed pod weevil Clover Cutworm Diamondback Moth Flea Beetle Grasshopper Lygus bug (plant bug)[2]	.009	5.8	**Minimum Gallonage Requirements:** For aerial applications use a minimum of 2 gallons of water per acre. For ground applications use a minimum of 5 gallons of water per acre for thorough coverage of the foliage. **NOTES for Use on Canola, Crambe and Rapeseed:** 1. DO NOT apply more than 11.6 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.018 lb ai/A) on Canola, Crambe, or Rapeseed in one growing season. 2. Allow 7 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply BATTALION 0.2EC Insecticide within 7 days of harvest.

[2] See resistance statement under the "Directions For Use" section.

[3] For best control apply to 1st and 2nd instar larvae.

TREE NUTS

Includes all members of Crop Group 14 such as:
(almonds, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert, hickory nut, macadamia nut, pecan, pistachio, walnut)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Aphids[1] Codling moth Filbertworm Hickory shuckworm Leafhoppers Navel orangeworm Obliquebanded leafroller Peach twig borer Pecan nut casebearer Pecan weevil Stink bugs Tarnished plant bug[2] Walnut husk fly Western peach borer	0.02 to 0.033	12.8 to 21.1	For best results against over-wintering peach twig borer, apply as a dormant spray or delayed dormant spray. BATTALION 0.2EC Insecticide may be applied in combination with dormant oil. Refer to the dormant oil product label for additional use directions and restrictions. **Minimum Gallonage Requirements:** For aerial applications use a minimum of 10 gallons of water per acre. For ground applications, use a minimum of 25 gallons of water per acre for thorough coverage of the foliage. **NOTES for Use on Tree Nuts:** 1. DO NOT apply more than 105.6 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.165 lb ai/A) on tree nuts in one growing season. 2. Allow 7 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 21 days of harvest.

[1] Suppression only.

[2] See resistance statement under the "Directions For Use" section.

POME FRUITS

Includes all members of Crop Group 11 such as:
(apple, crabapple, loquat, mayhaw, pear, oriental pear, quince)

Target Pests	Rate		Remarks
	Pounds AI/A	Fl. Oz./A	
Apple leafroller Apple leaf miner Apple maggot Codling moth Green fruitworm Obliquebanded leafroller Oriental fruit moth Plum curculio Potato leafhopper Redbanded leafroller San Jose scale (crawlers) Spotted tentiform leafminer Tarnished plant bug[2] Western plant bug[2] White apple leafhopper	0.011 to 0.022	7.0 to 14.1	For applications to boring insects, apply prior to the insects entering the wood or fruit. Insects contained within plant tissue may not be controlled. **Minimum Gallonage Requirements:** For aerial applications use a minimum of 10 gallons of water per acre. For ground applications, use a minimum of 25 gallons of water per acre for thorough coverage of the foliage. **NOTES for Use on Pome Fruits:** 1. DO NOT apply more than 26.9 fluid ounces of BATTALION 0.2EC Insecticide per acre (0.042 lb ai/A) on pome fruits in one growing season. 2. Allow 7 days between applications of BATTALION 0.2EC Insecticide. 3. DO NOT apply within 21 days of harvest.
Aphids[1] European apple sawfly Lesser appleworm Pear psylla[1] Pear sawfly Periodic cicada Stink bugs	0.022	14.1	

[1] Suppression only.

[2] See resistance statement under the "Directions For Use" section.

RATE CONVERSION CHART

FLUID OUNCES PER ACRE	LBS AI PER ACRE	ACRES PER GALLON
5.8	0.009	22
8	0.013	16
9	0.014	14
10	0.016	13
12	0.019	10.5
14	0.022	9
16	0.025	8
18	0.028	7
20	0.031	6.4
21.1	0.033	6.1

RATE CONVERSION CHART FOR HIGH VOLUME APPLICATIONS

DESIRED FLUID OUNCES OF PRODUCT PER ACRE	FLUID OUNCES PER 100 GAL OF WATER WHEN USING SPRAY VOLUME OF:						
	25 GPA	50 GPA	100 GPA	150 GPA	200 GPA	250 GPA	500 GPA
5.8	23.2	11.6	5.8	3.9	2.9	2.3	1.2
8	32	16	8	5.3	4	3.2	1.6
9	36	18	9	6.0	4.5	3.6	1.8
10	40	20	10	6.7	5	4	2
12	48	24	12	8.0	6	4.8	2.4
14	56	28	14	9.3	7	5.6	2.8
16	64	32	16	10.7	8	6.4	3.2
18	72	36	18	12.0	9	7.2	3.6
20	80	40	20	13.3	10	8	4
21.1	84.4	42.2	21.1	14.1	10.6	8.4	4.2

CHEMIGATION USE DIRECTIONS AND PRECAUTIONS

SPRINKLER IRRIGATION APPLICATION

Apply BATTALION 0.2EC Insecticide at rates and timing described elsewhere in this label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, rates, and mixing instructions. These recommendations should be proven, through university and extension field trials, to be effective with BATTALION 0.2EC Insecticide applied by chemigation.

Check the irrigation system to ensure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

(continued)

Apply by injecting the recommended rate of BATTALION 0.2EC Insecticide into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1 to 0.2 inches per acre of irrigation water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to ensure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of BATTALION 0.2EC Insecticide for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

NOTE: Arysta LifeScience North America Corporation does not recommend connecting chemigation systems to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

USE PRECAUTIONS – SPRINKLER IRRIGATION APPLICATION

- Apply this product only through sprinkler (including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Do not apply through chemigation systems connected to public water systems.

SUPPLEMENTAL SPRAY

RECOMMENDATIONS AND PRECAUTIONS

- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- **For cotton,** do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a crop in one growing season. Synthetic pyrethroid products include AMBUSH®, AMMO® 2.5EC, ASANA® XL, BAYTHROID 2, CAPTURE® 2EC, CYMBUSH, DANITOL 2.4EC, BATTALION™, FURY™ 0.2EC, KARATE®, MUSTANG, POUNCE® 3.2EC, SCOUT X-TRA®, and SynerGin™ 2.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.

- Do not apply by ground within 25 feet or by air within 150 feet of lakes; reservoirs, rivers; permanent streams, marshes, or natural ponds; estuaries and commercial fish farm ponds.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.
By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta LifeScience Corporation. All such risks shall be assumed by the user or buyer.

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