

SEP 26 2002

Barbara J. Kaminski
Dow AgroSciences LLC
93330 Zionsville Road
Indianapolis, IN 46268

Subject: New Uses For:
Dow AgroSciences Intrepid 2F
EPA Registration No. 62719-442
Application dated August 1, 2002

Dear Ms. Kaminski:

The registration of the product cited above under the Federal Insecticide Fungicide And Rodenticide Act, as amended is conditionally amended in accordance with FIFRA sec. 3(c)(7)(B) adding directions for use of the product on tree nuts crop group including pistachios; stone fruit crop group; field and sweet corn; fruiting vegetables crop group; grapes; leafy and cole(Brassica) vegetables crop groups; globe artichoke; lychee including longan; Spanish lime; pulsan; rambutan and rotational crops. The conditions stated in the Agency's letter dated May 25, 2000 and modified in a meeting on June 7, 2000 apply to this amendment.

The following additional conditions are also applicable to the acceptance of this amendment:

1. Submit test data showing the recoverability of metabolites RH-141,518, RH-117,236, RH-151,055, and RH-152,072 through the multiresidue test protocols of PAM, Vol. 1.
2. Submit additional field accumulation trials (the 24 reportedly in progress).
3. Submit the following additional field trials, conducted per their respective proposed use pattern:
 - ▶ 3 for spinach (one each from Regions 1, 2, and 10)
 - ▶ 2 for celery (both from Region 3, preferably using Intrepid™ 2F)
 - ▶ 3 for mustard greens (one each from Regions 2, 3, and 10)
 - ▶ 2 for plums (one each from Regions 10 and 11)

4. Submit the following additional information from the hen feeding study:
- ▶ results of analysis (to be conducted) of the fat and meat (muscle) samples for residues of RH-141,518;
 - ▶ freezer storage stability data that covers the period of time these poultry fat and meat (muscle) samples have been maintained in storage; and,
 - ▶ revised tolerances and tolerance expression (to include RH 141,518) for these matrices, if warranted.

The label must be revised as follows:

1. The rotational crop restrictions on the label must be revised to read: Crops with registered uses may be replanted at any time. All other crops grown for food or feed may be replanted after 7 days.
2. For globe artichokes, the label must specify that a minimum volume of spray mix of 75 gpa is to be applied.

Stamped copies of the supplemental labels for these new uses are enclosed. Submit three copies of the finished complete label.

If you have any questions or comments please contact me at (703) 305-6411.

Sincerely,

Joseph M. Tavano
Acting Product Manager 10
Insecticide Branch
Registration Division(7505C)

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Suppression of Lepidoptera Larvae Infesting Lychee, Longan, Spanish Lime, Rambutan, and Pulasan

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Intrepid 2F may be applied to control or suppress lepidoptera larvae infesting lychee, longan, Spanish lime, rambutan, and pulasan. Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
Lepidoptera larvae armyworms leafrollers orange tortrix citrus peelminer ACCEPTED with COMMENTS In EPA Letter Dated: SEP 26 2002 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-442	12 - 16 (0.15 - 0.25 lb ai/acre)	Apply at egg hatch or when first signs of feeding occur. Use the higher rates for heavier infestations and under conditions in which thorough coverage is more difficult. Under heavy infestations, continuous moth flights and/or egg masses and larvae in all stages of development, reapplication can be made at a minimum 10-day retreatment interval to protect new growth until moth flights and/or hits subside.	<ul style="list-style-type: none"> • Do not apply more than 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season or make more than 5 applications per season. • Pre-harvest Interval: Do not harvest within 14 days of application.

Specific Use Directions

Ground Application: Apply a minimum of 50 gallons per acre by conventional ground equipment. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 10 gallons per acre. Use of higher carrier volume is recommended for heavy infestations and in situations where thorough coverage is difficult to achieve.

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Spray Adjuvants: The use of Latron CS-7* spreader/binder or similar spreader/binder is recommended to maximize coverage and retention of the spray material.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

*Trademark of Dow AgroSciences LLC

F3B / Intrepid 2F / Prop Sec 3 Supp IR-4 Lychee et al / 03-22-02

D06-846-XXX

EPA-accepted ___/___/___

Initial printing.

5/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Control or Suppression of Lepidoptera Larvae Infesting Cole Crops[†] and Leafy Vegetables^{††}

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

[†]Cole (*Brassica*) Crops, including but not limited to: Broccoli, Broccoli raab, Brussels sprouts, Cabbage, Cauliflower, Cavalo broccolo, Chinese broccoli, Chinese cabbage (bok choy, napa), Chinese mustard cabbage (gai choy), Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens.

^{††}Leafy Vegetables (except *Brassica*), including but not limited to: Amaranth, Arugula, Cardoon, Celery, Celtuce, Chervil, Chinese celery, Corn salad, Dandelion, Dock, Edible-leaved chrysanthemum, Endive (escarole), Florence fennel, Garden cress, Garden purslane, Garland chrysanthemum, Lettuce (head, leaf), New Zealand spinach, Orach, Parsley, Radicchio, Rhubarb, Spinach, Swiss chard, Upland cress, Vine spinach, Winter purslane.

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
beet armyworm cabbage looper fall armyworm garden webworm imported cabbageworm southern armyworm true armyworm yellowstriped armyworm	4 – 8 (0.06 – 0.12 lb ai/acre)	For early season applications only to young crops and small plants. Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. • Pre-harvest Interval: Do not harvest within 1 day of application. • See Rotational Crop Restrictions in the body of the product label.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 26 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
62719-442

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beet armyworm cabbage looper cabbage webworm cross-striped cabbageworm fall armyworm garden webworm imported cabbageworm southern armyworm true armyworm yellowstriped armyworm	8 - 10 (0.12 - 0.16 lb ai/acre)	For mid- to late-season applications, heavier infestations, and under conditions in which thorough coverage is more difficult. For heavy infestations, continuous moth flights, and/or egg masses and larvae in all stages of development, a 10-14 day re-treatment interval is required to protect new growth until moth flights and/or hits subside.	
diamondback moth (suppression only)	12 - 16 (0.19 - 0.25 lb ai/acre)	Infestations and crop damage are reduced when applied at initiation of egg laying.	

Ground Application: Apply a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply a minimum of 20 gallons per acre to densely foliated or difficult to cover crops to ensure thorough coverage. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 10 gallons per acre.

Spray Adjuvants: One pint of Latron CS-7* spreader/binder or similar spreader/binder per 100 gallons of spray mixture is recommended to maximize coverage and distribution of the spray material.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

*Trademark of Dow AgroSciences LLC

F3B / Intrepid 2F / Prop Sec 3 Supp Cole Crops-Leafy Veggies / 09-26-02

D06-846-XXX

EPA-accepted ___/___/___

Initial printing.

7/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Control of Lepidoptera Larvae Infesting Corn (Field, Sweet, Seed)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
European corn borer southwestern corn borer	4 - 8 (0.06 - 0.12 lb a.i./acre)	Apply at first sign of egg hatch or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. Direct application at the whorl for early season (first generation) infestations. Apply as broadcast or multi-nozzle over the row application to mid- and late-season infestations.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. • Pre-harvest Interval-Field Corn: Do not harvest within 21 days of application. • Pre-harvest Interval-Sweet Corn: Do not harvest within 3 days of application for ears and/or green chop (forage) and within 21 days of application for dry fodder. • See Rotational Crop Restrictions in the body of the product label.
true armyworm western bean cutworm	<p>ACCEPTED with COMMENTS In EPA Letter Dated: SEP 26 2002</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-442</p>	Apply at first sign of egg hatch (field corn), feeding damage (sweet corn), or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. Under heavy infestations, continuous moth flights, or rapid crop growth and development, reapply at 5-10 day re-treatment interval.	

Specific Use Directions-Field Corn:

Ground Application: Apply a minimum of 5 gallons per acre by conventional ground equipment to young crop or small plants. Higher carrier volumes may be required to provide thorough coverage to larger, more mature crop. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 5 gallons per acre. Use sufficient carrier volume to provide

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thorough, uniform coverage.

Spray Adjuvants: The use of Latron CS-7* spreader/binder or similar spreader/binder is recommended to maximize coverage and retention of the spray material.

Specific Use Directions-Sweet Corn:

Ground Application: Apply a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply a minimum of 20 gallons per acre after initiation of tasseling. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 10 gallons per acre.

Spray Adjuvants: The use of Latron CS-7 spreader/binder or similar spreader/binder is recommended to maximize coverage and retention of the spray material.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

*Trademark of Dow AgroSciences LLC

F3B / Intrepid 2F / Prop Sec 3 Supp Com / 10-02-02

D06-846-XXX

EPA-accepted / /

Initial printing.

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Suppression of Lepidoptera Larvae Infesting Tree Nuts[†] and Pistachios

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

[†]Tree Nuts, including but not limited to: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory nut, Macadamia (Bush) nut, Pecan, Pistachio, Walnut (Black and English)

Refer to product label for General Use Precautions, Mixing and Application instructions.

Almonds

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
peach twig borer	8 - 16 (0.12 - 0.25 lb ai/acre)	Spring (overwintering) generation: Make 1 to 2 applications during the bloom to petal fall period depending on infestation level. Summer generation: Begin applications at peak moth flight (400-450 DD, base 50°F, following biofix [†]). Reapply at 10-18 day intervals under high pressure or sustained moth flight. The higher rates in the recommended rate range may be required for extended residual effectiveness, high pest infestation levels, larger trees, or heavy dense foliage.	<ul style="list-style-type: none"> • Do not apply more than 24 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. • Pre-harvest Interval: Do not harvest within 14 days of application.
navel orangeworm	12 - 24 (0.19 - 0.38 lb ai/acre)	Make first application at the initiation of hull split (2-5% hull split). Reapply 10-14 days later. Under heavy infestation, reapply a third time 10-14 days later.	<p>ACCEPTED with COMMENTS In EPA Letter Dated: SEP 26 2002</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. <u>62719-442</u></p>

[†]Biofix is defined as first sustained adult catch in pheromone traps, typically, 5 moths in 3 traps within a seven-day period. Consult State Extension specialists or other qualified authorities for specific information regarding number, placement and management of pheromone traps.

Ground Application: Apply a minimum of 50 gallons per acre by conventional ground equipment to

almond trees in the 4th leaf or younger. For trees 5th leaf or older, use a minimum of 100 gallons per acre. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 20 gallons per acre. This method may result in reduced efficacy if the size of the tree or density of the foliage prohibits thorough, uniform coverage of the entire tree canopy.

Hazelnuts

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
filbertworm	8 - 16 (0.12 – 0.25 lb ai/acre)	Apply at initiation of egg hatch. Reapply at 14-21 day intervals under high pressure or sustained moth flight.	<ul style="list-style-type: none"> Do not apply more than 24 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. Pre-harvest Interval: Do not harvest within 14 days of application.
obliquebanded leafroller		Spring (overwintering) generation: Make 1 to 2 applications depending on infestation level. Summer generation: Make the first application during the period of peak egg lay to early egg hatch (200-400 DD, following biofix). Reapply 10-18 days later (usually 500-700DD).	
filbert leafroller omnivorous leaftier		For control of surface of foliar feeding leafroller larvae, apply when larvae are feeding. Most effective crop protection results from application made at the initiation of egg hatch.	

Ground Application: Apply a minimum of 50 gallons per acre by conventional ground equipment to trees 10 feet tall or less. For trees greater than 10 feet tall, use a minimum of 100 gallons per acre. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 20 gallons per acre. This method may result in reduced efficacy if the size of the tree or density of the foliage prohibits thorough, uniform coverage of the entire tree canopy.

Spray Adjuvants: The use of Latron B-1956* spreader/sticker or similar spreader/sticker is recommended to maximize coverage and retention of the spray material.

Pecans

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
pecan nut casebearer	4 - 8 (0.06 – 0.12 lb ai/acre)	For each generation, apply at initiation of egg hatch (first generation is approx. 8-15 days following biofix). Control of first generation may require second application to ensure complete coverage of rapidly expanding nuts and foliage, or under conditions or extended egg lay. The higher rates in the recommended rate range may be required for extended residual effectiveness, higher pest infestations, low crop load, larger trees, or heavy dense foliage.	<ul style="list-style-type: none"> Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. Pre-harvest Interval: Do not harvest within 14 days of application.

hickory shuckworm		For early- to mid-season infestations reaching threshold levels as defined by state extension specialists or other qualified authorities, make applications at the initiation of egg hatch. For late-season infestations, initiate applications at half-shell hardening. Reapply at 14-day intervals to shuck split or while nuts are susceptible to heavy infestations.	
fall webworm walnut caterpillar		Apply at the first sign of larval infestation.	

Ground Application: Apply a minimum of 50 gallons per acre by conventional ground equipment to trees 10 feet tall or less. For trees greater than 10 feet tall, use a minimum of 100 gallons per acre. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 5 gallons per acre. This method may result in reduced efficacy if the size of the tree or density of the foliage prohibits thorough, uniform coverage of the entire tree canopy.

Walnuts

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
codling moth	12 - 24 (0.19 – 0.38 lb ai/acre)	For each generation, apply at initiation of egg hatch (100-200 DD, following biofox). Control of first generation may require second application (10-18 day re-treatment interval) to ensure complete coverage of rapidly expanding nuts and foliage. After nut growth and foliage expansion slows, a 14-21 day re-treatment interval may be required to provide control of extended moth flight. The higher rates in the recommended rate range may be required for extended residual effectiveness, high pest infestation levels, larger trees, or heavy dense foliage.	<ul style="list-style-type: none"> Do not apply more than 24 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. Pre-harvest Interval: Do not harvest within 14 days of application.
navel orangeworm	8 - 16	Apply at initiation of egg hatch.	
fall webworm redhumped caterpillar	(0.12 – 0.25 lb ai/acre)	Apply at first sign of larval infestation.	

Ground Application: Apply a minimum of 50 gallons per acre by conventional ground equipment to walnut trees in the 4th leaf or younger. For trees 5th leaf or older, use a minimum of 100 gallons per acre. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 20 gallons per acre. This method may result in reduced efficacy if the size of the tree or density of the foliage prohibits thorough, uniform coverage of the entire tree canopy.

Split Application: It may be preferable to apply a split application composed of both aerial and ground methods in order to achieve thorough uniform coverage of extremely tall, dense trees. Both portions of the application must be made within the timing window as described above. The total amount applied cannot exceed 24 fl oz per acre.

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Tree Nut Crops not Specifically Listed Above

Restrictions for control of lepidoptera larvae for which Intrepid 2F is registered:

- **Pre-harvest Interval:** Do not harvest within 14 days of application.
- Do not apply more than 24 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season.

Performance of Intrepid 2F against pests not listed on this label cannot be warranted nor can crop tolerance in all types and varieties of tree nuts be assured. If unsure, the user is advised to treat a few trees to observe for symptoms before treating large blocks of trees. Generally, optimum performance against lepidoptera pests (worms) is achieved when Intrepid 2F is applied at the initiation of egg hatch. Reapplication intervals of 10-20 days may be required if the plant part(s) to be protected from insect damage is rapidly growing or expanding or if pest infestations are heavy or extended.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

*Trademark of Dow AgroSciences LLC

F3B / Intrepid 2F / Prop Sec 3 Supp Tree Nuts-Pistachios / 04-09-02

D06-846-XXX

EPA-accepted ___/___/___

Initial printing.

13/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Control of Lepidoptera Larvae Infesting Grapes

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
grape berry moth	4 - 8 (0.06 - 0.12 lb ai/acre)	For internal feeding lepidoptera larvae, apply at initiation of egg hatch for each generation. Reapply within 10-18 days to ensure complete coverage of rapidly expanding fruits or foliage.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or 48 fl oz of Intrepid 2F (0.75 lb ai) per acre per season. • Pre-harvest Interval: Do not harvest within 30 days of application.
grape leaf folder omnivorous leafroller obliquebanded leafroller orange tortrix redbanded leafroller	10 - 16 (0.16 - 0.25 lb ai/acre)	Spring generation: Apply at first sign of larval infestation or to small larvae when threshold levels occur. Summer generation: For each generation, apply at first egg hatch. Reapply at 10-14 day intervals under high pressure or sustained moth flight.	<p>ACCEPTED with COMMENTS In EPA Letter Dated: SEP 26 2002</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-442</p>
western grapeleaf skeletonizer (suppression)		For each generation, apply at first egg hatch. Reapply within 10-18 days for heavy infestations or rapidly growing crop.	

Ground Application: Apply a minimum of 40 gallons per acre by conventional airblast or over the row sprayer. If using other type of sprayer, apply in sufficient carrier volume to ensure thorough, uniform cover of the crop. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 20 gallons per acre. This method should not be used if the density of the foliage prohibits thorough, uniform coverage of the entire vine canopy.

Spray Adjuvants: The use of Latron B-1956* spreader/sticker or similar spreader/sticker is recommended to maximize coverage and weatherability of the spray material.

14/23

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

*Trademark of Dow AgroSciences LLC

F3B / Intrepid 2F / Prop Sec 3 Supp Grapes / 04-11-02

D06-846-XXX

EPA-accepted __/__/__

Initial printing.

15/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Control of Lepidoptera Larvae Infesting Fruiting Vegetables[†]

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

[†]Fruiting Vegetables, including but not limited to: Eggplant, Groundcherry, Pepino, Pepper (Bell, Chili, Cooking, Sweet), Pimento, Tomatillo, Tomato

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
alfalfa looper beet armyworm cabbage looper European corn borer fall armyworm southern armyworm tobacco hornworm tomato hornworm true armyworm yellowstriped armyworm western yellowstriped armyworm	4 - 8 (0.06 - 0.12 lb ai/acre)	For early season applications only to young crops and small plants. Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. • Pre-harvest Interval: Do not harvest within 1 day of application. • See Rotational Crop Restrictions in the body of the product label.
	8 - 16 (0.12 - 0.25 lb ai/acre)	For mid- to late-season applications, heavier infestations, and under conditions in which thorough coverage is more difficult. For heavy infestations, continuous moth flights, and/or egg masses and larvae in all stages of development, a 7-14 re-treatment interval is required to protect new growth until moth flights and/or larval infestations subside.	
tomato fruitworm	10 - 16 (0.16 - 0.25 lb ai/acre)	Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. May provide partial control when infestations reach high levels.	

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

SEP 26 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
62719-442

16/23

Tomato pinworm (suppression only)		Leafmining and infestations of leafmining phase are reduced when applied at initiation of egg laying.	
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Ground Application: Apply a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply a minimum of 20 gallons per acre to densely foliated or difficult to cover crops to ensure thorough coverage. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 10 gallons per acre.

Spray Adjuvants: One pint of Latron CS-7* spreader/binder or similar spreader/binder per 100 gallons of spray mixture is recommended to maximize coverage and distribution of the spray material.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

*Trademark of Dow AgroSciences LLC

F3B / Intrepid 2F / Prop Sec 3 Supp Fruiting Veggies / 04-10-02

D06-846-XXX

EPA-accepted / /

Initial printing.

17/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Suppression of Lepidoptera Larvae Infesting Stone Fruit

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Nectarines, Peaches, Plums, Prunes

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
codling moth Oriental fruit moth	10 - 16 (0.16 - 0.25 lb ai/acre)	<p>For control of light to moderate infestations, begin applications before egg hatch of each generation and before the larvae penetrate the fruit. Once applied, the product provides 10-18 days of protection depending on application rate and how rapidly fruit is expanding. Consult local spray timing advisories or follow biofix dates based on pheromone trap catches to time sprays appropriately.</p> <p>For continuous moth flight and egg laying, use the highest labeled rate. Maintain coverage on the fruit surface with 10-18 day re-treatment intervals.</p> <p>Alternate or intersperse with other insecticides targeted at the same pest so long as the re-treatment interval does not exceed the period of effectiveness of the products being alternated and Intrepid 2F is applied before larvae penetrate the fruit.</p>	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. • Pre-harvest Interval: Do not harvest within 7 days of application.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**
SEP 26 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
62719-442

18/23

peach twig borer	8 - 16 (0.12 - 0.25 lb ai/acre)	For each generation, apply at initiation of egg hatch before larvae enter the fruit. Reapply in 10-14 days to ensure complete coverage of rapidly expanding fruits or foliage, or under conditions of high infestation or sustained moth flight.
obliquebanded leafroller pandemis leafroller		Spring (overwintering) generation: Make 1 to 2 applications during the pink to petal fall period depending on infestation level. Summer generation: Make the first application during the period of peak egg lay to early egg hatch (usually 200-400 DD following biofix). Reapply 10-18 days later (usually 500-700 DD). The higher rates in the recommended rate range and additional applications at 10-18 day intervals may be required for heavy infestations, sustained moth flight, situations in which it is difficult to achieve thorough coverage, and for quicker knockdown of larvae.
fruittree leafroller omnivorous leafroller redbanded leafroller threelined leafroller tufted apple budmoth variegated leafroller		For control of surface or foliar feeding leafroller larvae, apply when larvae are feeding. Most effective crop protection results from application made at the initiation of egg hatch. For heavy infestations, continuous moth flights, or extended egg hatch, use maximum recommended rates. Maintain coverage with 10-18 day re-treatment intervals.
cherry fruitworm green fruitworm lesser appleworm	10 - 16 (0.16 - 0.25 lb ai/acre)	Apply at initiation of egg hatch or at the first sign of larval infestation. Reapply in 10-14 days to ensure complete coverage of rapidly expanding fruits or foliage.
redhumped caterpillar	8 - 16 (0.12 - 0.25 lb ai/acre)	Apply at initiation of egg hatch or at the first sign of larval infestation. Reapply in 10-14 days to ensure complete coverage of rapidly expanding fruits or foliage.

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Cherries (Sweet and Sour)

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
Oriental fruit worm	10 - 16 (0.16 – 0.25 lb ai/acre)	For control of light to moderate infestations, begin applications before egg hatch of each generation and before the larvae penetrate the fruit. Once applied, the product provides 10-18 days of protection depending on application rate and how rapidly fruit is expanding. Consult local spray timing advisories or follow biofix dates based on pheromone trap catches to time sprays appropriately. For continuous moth flight and egg laying, use the highest labeled rate. Maintain coverage on the fruit surface with 10-18 day re-treatment intervals. Alternate or intersperse with other insecticides targeted at the same pest so long as the re-treatment interval does not exceed the period of effectiveness of the products being alternated and Intrepid 2F is applied before larvae penetrate the fruit.	<ul style="list-style-type: none"> Do not apply more than 16 fl oz per acre per application or 58 fl oz of Intrepid 2F (0.9 lb ai) per acre per season. Pre-harvest Interval: Do not harvest within 7 days of application.
obliquebanded leafroller pandemis leafroller	8 - 16 (0.12 – 0.25 lb ai/acre)	Spring (overwintering) generation: Make 1 to 2 applications during the pink to petal fall period depending on infestation level. Summer generation: Make the first application during the period of peak egg lay to early egg hatch (usually 200-400 DD following biofix). Reapply 10-18 days later (usually 500-700 DD). The higher rates in the recommended rate range and additional applications at 10-18 day intervals may be required for heavy infestations, sustained moth flight, situations in which it is difficult to achieve thorough coverage, and for quicker knockdown of larvae.	
eyespot bud moth fruittree leafroller omnivorous leafroller redbanded leafroller threelined leafroller tufted apple budmoth variegated leafroller		For control of surface or foliar feeding leafroller larvae, apply when larvae are feeding. Most effective crop protection results from application made at the initiation of egg hatch. For heavy infestations, continuous moth flights, or extended egg hatch, use maximum recommended rates. Maintain coverage with 10-18 day re-treatment intervals.	

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cherry fruitworm	10 - 16 (0.16 - 0.25 lb ai/acre)	Apply at initiation of egg hatch or at the first sign of larval infestation. Reapply in 10-14 days to ensure complete coverage of rapidly expanding fruits or foliage.	
redhumped caterpillar	8 - 16 (0.12 - 0.25 lb ai/acre)	Apply at initiation of egg hatch or at the first sign of larval infestation. Reapply in 10-14 days to ensure complete coverage of rapidly expanding fruits or foliage.	

Ground Application: Apply a minimum of 50 gallons per acre by conventional ground equipment to trellised trees or trees 10 feet tall or less. For trees greater than 10 feet tall, use a minimum of 100 gallons per acre. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 20 gallons per acre. This method should not be used if the size of the tree or density of the foliage prohibits thorough, uniform coverage of the entire tree canopy.

Spray Adjuvants: The use of Latron B-1956* spreader/sticker or similar spreader/sticker is recommended to maximize coverage and retention of the spray material.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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F3B / Intrepid 2F / Prop Sec 3 Supp Stone Fruit-Cherries / 04-08-02

D06-846-XXX

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21/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Rotational Crop Restrictions After Final Application

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Rotational Crop Restrictions

The following rotational crops may be planted at intervals defined below following the final application of Intrepid 2F at recommended rates for a registered use.

Crop	Re-Cropping Interval
Crops for which Intrepid 2F use is registered	No restrictions
All other crops grown for food and feed	7 Days

Note: When using Intrepid 2F with other registered pesticides, always refer to rotational restrictions and precautions on the other product's label and comply with the most restrictive rotational guidelines.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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In EPA Letter Dated:
SEP 26 2002**

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Fungicide, and Rodenticide Act,
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62719-442**

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F3B / Intrepid 2F / Prop Sec 3 Supp Rotational Crops / 08-09-02

D06-846-XXX

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Initial printing.

22/23

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Foliar Insect Control in Globe Artichoke

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
Armyworm Plume moth <div style="transform: rotate(-30deg); border: 1px solid black; padding: 5px; width: fit-content;"> ACCEPTED with COMMENTS In EPA Letter Dated: SEP 25 2002 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. <u>62719-442</u> </div>	4 - 16 (0.06 - 0.25 lb ai/acre)	Apply at egg hatch or when first signs of feeding occur. Use the higher rates for heavier infestations and under conditions in which thorough coverage is more difficult. Under conditions of heavy infestations, continuous moth flights and/or egg masses and larvae in all stages of development, reapply Intrepid 2F or another effective product at a minimum application interval of 7 days to protect new growth until moth flights subside.	<ul style="list-style-type: none"> • Do not apply more than 64 fl oz of Intrepid 2F (0.25 lb ai) per acre per season or make more than 4 applications per season. • Pre-harvest Interval: Do not harvest within 4 days of application. • Chemigation: Do not apply this product through any type of irrigation system.

Specific Use Directions

Ground Application: Apply in a minimum of 5 gallons of water per acre using calibrated ground application equipment that provides thorough coverage.

Aerial Application: Apply in a minimum of 10 gallons of water per acre. Use higher water volumes for heavy infestations and in situations where thorough coverage is difficult to achieve.

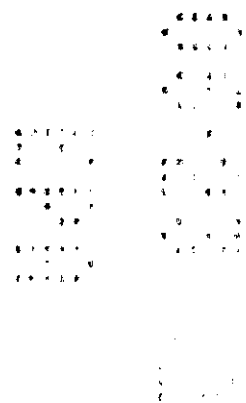
Spray Adjuvants: The use of Latron CS-7* spreader/binder or a similar spreader/binder is recommended to maximize coverage and retention of the spray material.

Resistance Management: Do not use Intrepid 2F on more than three consecutive generations of any pest. Rotate Intrepid 2F with insecticides of alternate modes of action and utilize Integrated Pest

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Management practices such as routine monitoring, treatment thresholds to time applications, and cultural and biological controls whenever possible.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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F3B / Intrepid 2F / Prop Sec 3 Supp IR-4 Globe Artichoke / 03-08-02

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