



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:  
707-258

Date of Issuance:

APR 20 1999

NOTICE OF PESTICIDE:

Registration  
 Reregistration

under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CONFIRM 70 WSP

Name and Address of Registrant (include ZIP Code):

Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA 191062399

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

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5).

Make the following label changes before releasing the product for shipping:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 707-258".
- b. Add the following statements to the Environmental Hazards section of the label:

"This product is toxic to birds and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Under some conditions this chemical may also have a high potential for runoff into surface water for several weeks or months after application. Do not cultivate within 10 feet of aquatic areas so as to allow growth of a vegetative filter strip".

- c. A Spray Drift precaution, "Drift from applications of this pesticide is likely to result in damage to sensitive aquatic invertebrates in water bodies adjacent to the treatment area.", must be added to the label. Refer to the EFED Risk Assessment for additional suggestions for spray drift precautions. Certain pending uses may require a more extensive statement.

- d. Change the Ground Water Statement to read; "This pesticide demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination."
- e. In the Precautionary labeling change the statement, "May cause eye irritation." to read "causes moderate eye irritation.". Also add: "Wash thoroughly with soap and water after handling."
- f. In the Statement Of Practical Treatment for If Inhaled add, "If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

A copy of the acute toxicity and product chemistry reviews are enclosed.

Refer to 707-238 regarding the Fish Life-cycle study.

Submit two (2) copies of the revised final printed label before you release the product for shipment.

If the final printed labeling is not received prior to shipment of this product, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these requirements.

A stamped copy of the label is enclosed for your records.

Sincerely,

*Joseph M. Johnson, Jr.* April 20, 1999  
for Marion J. Johnson, Jr.  
Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

*JMT*

-B0e  
cranberries  
3/22/99

<h1 style="margin: 0;">CONFIRM<sup>®</sup> 70 WSP</h1> <h2 style="margin: 0;">AGRICULTURAL INSECTICIDE IN WATER-SOLUBLE POUCHES</h2>	 <p style="font-size: small; margin: 0;">PHILADELPHIA, PA 19106 Tel: (215) 592-3000</p>
--	--

**ACTIVE INGREDIENT**

Tebufenozide  
 Benzoic acid, 3,5-dimethyl-, 1-(1,1-dimethylethyl)-2-(4-ethylbenzoyl) hydrazide.....70%  
 INERT INGREDIENTS.....30%  
 TOTAL 100%

**EPA REG NO. 707-**

**EPA EST. No.**

**NOTICE:** Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eyes with plenty of water. Consult a physician if irritation persists.

**IF INHALED:** Move victim to fresh air.

**IF ON SKIN:** Wash affected skin thoroughly with soap and water. Consult a physician if irritation persists.

**IF SWALLOWED:** Dilute by giving two glasses of water to drink and consult a physician. Never give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** *Emesis is recommended.*

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

May cause eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, on skin or breathe spray mist.

- Personal Protective Equipment (PPE)**  
**Applicators and other handlers must wear:**
- Long-sleeved shirt and long pants
  - Waterproof gloves
  - Shoes plus socks

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
APR 20 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 707-258

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**  
**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark, except under forest canopy when aerially applied to control forest pests. Do not contaminate water when disposing of equipment washwaters and rinsate. Do not apply when weather conditions favor drift or runoff from areas treated. This pesticide demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where the water table is shallow may result in groundwater contamination.

**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.

**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), notification to workers 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 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Water-proof gloves
- Shoes plus socks

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry area above freezing. The water-soluble pouch may become brittle at storage temperatures below 32°F. but the insecticide is not affected. Do not remove the water-soluble pouches from the container except for immediate use.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. 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.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. 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.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Appropriate protective equipment must be worn when handling a spill of this material. Transfer spilled material to suitable containers for recovery or disposal. **Refer to MSDS (Material Safety Data Sheet).**

**CONDITIONS OF SALE AND WARRANTY**

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

**GENERAL INFORMATION**

CONFIRM 70 WSP Agricultural Insecticide mimics the action of the natural insect hormone 20-hydroxyecdysone, the physiological inducer of the molting and metamorphosis process in insects. CONFIRM 70 WSP is highly active against most lepidopterous larvae while having practically no activity at typical use-rates against other orders of insects. The selectivity of CONFIRM 70 WSP allows for the maintenance of the populations of beneficial and predatory insects which is a key element in integrated pest management programs. CONFIRM 70 WSP controls lepidopterous larvae through a novel mode-of-action by the induction of a premature lethal molt which initiates within hours of ingestion of treated crop surfaces. Contact activity has also been observed in some insects. Actual death of the larvae will take several days to occur although feeding by the insects generally ceases within 24 hours of ingestion.

**USE RATE DETERMINATION**

Carefully read, understand and follow label use rates, recommendations and restrictions. Apply the amount specified in the following table with properly calibrated aerial or ground spray equipment. The low rates may be used for light infestations of the target lepidopterous species and the higher rates for moderate to heavy infestations. CONFIRM 70 WSP Agricultural Insecticide may be applied in either dilute or concentrate sprays so long as the application equipment is calibrated and adjusted to deliver thorough, uniform coverage. Use the specified amount of CONFIRM 70 WSP per acre regardless of spray volume used. Prepare only the amount of spray solution required to treat the measured acreage.

**COMPATIBILITY**

CONFIRM 70 WSP Agricultural Insecticide is believed to be compatible with most commonly used agricultural fungicides, insecticides, growth regulators, foliar fertilizers and spray adjuvants. If in doubt, the user should consult spray compatibility charts or State Cooperative Extension Specialists prior to preparing tank mixtures.

**MIXING**

Fill spray tank one-third to one-half full of clean water before adding water-soluble pouches to the spray tank. Place the CONFIRM 70 WSP Agricultural Insecticide pouches in the spray tank and insure that the pouches are completely dissolved before adding other co-applied products. Add the required number of pouches as determined by the dosage recommendations into the tank with continuous agitation. Depending on the water temperature and the degree of agitation, the pouches should completely dissolve within approximately five minutes.

**NOTE:** CONFIRM 70 WSP Agricultural Insecticide is compatible with boron and spray oils; however, the water soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

**HANDLING**

The enclosed pouches of CONFIRM 70 WSP Agricultural Insecticide are water soluble. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from overwrap except to add directly to the spray tank.

**APPLICATION TIMING**

The activity of CONFIRM 70 WSP Agricultural Insecticide is expressed primarily through ingestion by the target larvae. Consequently, the timing of application is dependent on the feeding behavior of the target pest. For internal feeding larvae, application must be made prior to the time that surface feeding occurs. For foliar or surface feeding larvae, application made while active feeding is occurring will be effective.

Re-application may be required to protect new flushes of foliage or rapidly expanding fruit. The re-application interval will vary depending on how rapidly the crop is growing and the generation time of the target pest. While CONFIRM 70 WSP Insecticide is essentially equally effective against all instars, it is generally good practice to make applications to early instars to avoid the heavy damage that can be inflicted by later instar larvae.

For best results, begin applications when first signs of feeding damage or when threshold levels of moths, eggs or larvae occur. Consult the Cooperative Extension Service, or other qualified professional authorities to determine the appropriate threshold for application in your area.

**APPLICATION INSTRUCTIONS**

Because CONFIRM 70 WSP Agricultural Insecticide must be ingested, application must be in a manner that assures uniform and thorough coverage. Higher water volume and increased spray pressure generally provide better coverage. Operating an air-blast sprayer at ground speeds greater than 2 mph and making applications in an alternate row middle pattern may result in less than satisfactory coverage and poor performance, particularly in conditions of high infestation levels, extremely large trees and dense foliage. Avoid application under conditions when uniform coverage cannot be assured or when excessive spray drift may occur.

A minimum of six hours drying time is required between completion of application and the onset of precipitation to ensure retention of the spray deposit.

**CHEMIGATION**

Do not apply this product through any type of irrigation system except for use on Cranberries

**SPRAY ADJUVANTS**

The addition of agricultural adjuvants to CONFIRM 70 WSP Agricultural Insecticide sprays will improve initial spray deposits, redistribution and weatherability. The following spray adjuvants have been especially formulated to optimize the performance of foliar-applied agricultural chemicals and are recommended for use with CONFIRM 70 WSP:

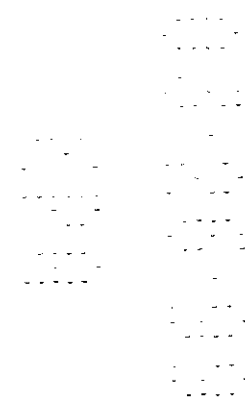
LATRON B-1956® -A water-dispersible, resin-based nonionic spreader-sticker that resists re-wetting and removal by rain. Effective with dilute sprays applied by ground equipment.

LATRON CS-7® -A spreader-binder designed specifically for use in concentrate and low volume sprays applied by aircraft or ground equipment.

Place CONFIRM 70 WSP Agricultural Insecticide into suspension prior to adding an adjuvant to the spray mixture. Read and carefully observe the precautionary statements and all other information appearing on all product labels prior to spray preparation.

**RESISTANCE MANAGEMENT**

Any insect population may contain individuals that are naturally resistant to a specific pesticide, therefore, the use of any one insecticide against many consecutive generations of a pest can result in the development of resistance problems. To prevent or delay the development of resistance, Rohm and Haas Company recommends rotation of CONFIRM 70WSP with insecticides of alternate modes of action and the utilization of Integrated Pest Management practices such as routine monitoring, the use of treatment thresholds to time applications and cultural and biological controls wherever possible. We further recommend that CONFIRM 70WSP not be used on more than three consecutive generations of a pest. Since the development of resistance cannot be predicted we suggest that you consult local or State Extension personnel or your local Rohm and Haas Company representative for resistance management guidance appropriate to your crop, locality and production practices.



## USE DIRECTIONS FOR CRANBERRY

**GROUND APPLICATION:** Make applications by conventional ground sprayers which are calibrated to deliver a minimum of 20 gallons per acre.

**AERIAL APPLICATION:** Make applications of CONFIRM 70WSP in a minimum of 10 gpa.

**CHEMIGATION APPLICATION:** For use only in solid-set sprinkler systems designed specifically for chemigation. Apply through a properly calibrated chemigation system that has the appropriate back flow prevention devices. See the 'MIXING' section of this labeling for specific mixing and dilution instructions. CONFIRM 70WSP should be applied in dedicated chemigation cycles only, not as a part of a regular irrigation cycle. Do not exceed 900 gallons of water per acre application volume. Minimum volume should be used for flush out to avoid diluting or rinsing off product. Washout time should not exceed six (6) minutes. Sprinkler heads should be set in a spacing not exceeding 50 feet by 60 feet and adjusted to provide 100% overlap. Crop injury, lack of effectiveness, or illegal pesticide residues can result from nonuniform distribution of treated water.

### GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH CHEMIGATION SYSTEMS

- Do not connect an irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in the irrigation pipeline to prevent water source contamination from back flow.
- 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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 positive displacement, metering 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.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

TARGET PESTS	APPLICATION RATE		APPLICATION TIMING	RESTRICTIONS
	Acres per pouch**	Ounces Product per acre		
Blackheaded fireworm	1.2	6.0 (0.26 lb. ai/acre)	<p><b>First generation:</b> Apply at first sign of larval infestation and make a second application 7 to 10 days following the first application.</p> <p><b>Second generation:</b> Make the first application at 10-20% egg hatch (typically 8 to 12 days following biofix*) followed by a second application 7 to 10 days later.</p>	<p>Do not apply more than 24 oz of CONFIRM 70WSP per season</p> <p>Allow at least 30 days to elapse between final application and harvest</p>
Spotted fireworm	1.2	6.0 (0.26 lb. ai/acre)	<p><b>First generation:</b> Apply to small larvae before webbing occurs when threshold infestations are detected by sweep net sampling. Make a second application 7 to 10 days following the first application to heavy infestations or sustained moth flight.</p> <p><b>Second generation:</b> Make the first application at 10-20% egg hatch (usually mid to late June) followed by a second application 7 to 10 days later.</p>	
Sparganothis fruitworm	1.2	6.0 (0.26 lb. ai/acre)	<p><b>First generation:</b> Initiate applications as soon as larvae are detected by sweep net sampling. Make a second application in 7 to 14 days.</p> <p><b>Summer generation:</b> Make the first application at 5-10% egg hatch (usually 10 to 14 days following biofix) followed by a second application 7 to 10 days later (about 60% egg hatch).</p>	
Cranberry fruitworm	1.2	6.0 (0.26 lb. ai/acre)	<p>Apply at initiation of egg laying (approximately 400 Day Degrees (DD) following biofix-base 50°). Make a second application at 100% petal fall (usually 7 to 14 days after the initial application). Additional applications at 10-14 day intervals may be required under high pressure or sustained moth flight.</p>	
Blossom worm False armyworm Gypsy moth	1.2	6.0 (0.26 lb. ai/acre)	<p>Apply when larvae are in the 1<sup>st</sup> to 3<sup>rd</sup> instar and when action thresholds are reached based on local Extension Service recommendations.</p>	
Spanworms	1.2	6.0 (0.26 lb. ai/acre)	<p>Initiate applications when infestations reach threshold levels based on sweep net sampling. Additional applications at 10-14 day intervals may be required under high pressure or sustained moth flight.</p>	

\*Biofix is defined as first sustained adult catch in pheromone traps, typically, 5 moths in 3 traps within a seven-day period.

\*\*CONFIRM 70 WSP Agricultural Insecticide is supplied in water-soluble pouches containing 7 ounces of 70% ai wettable powder.

CONFIRM, LATRON B-1956 AND CS-7 ARE REGISTERED TRADEMARKS OF ROHM AND HAAS COMPANY

B0e-cranberry  
3/22/99 JL/rdm



**SUPPLEMENTAL LABELING FOR  
CONFIRM® 70WSP AGRICULTURAL INSECTICIDE**

**EPA Reg. No 707-ELI  
EPA EST. NO. 39578-TX-01**

**DIRECTIONS FOR USE IN CRANBERRIES**

**NOTICE:** Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

**GENERAL INFORMATION**

CONFIRM 70 WSP Agricultural Insecticide mimics the action of the natural insect hormone 20-hydroxyecdysone, the physiological inducer of the molting and metamorphosis process in insects. CONFIRM 70 WSP is highly active against most lepidopterous larvae while having practically no activity at typical use-rates against other orders of insects. The selectivity of CONFIRM 70 WSP allows for the maintenance of the populations of beneficial and predatory insects which is a key element in integrated pest management programs. CONFIRM 70 WSP controls lepidopterous larvae through a novel mode-of-action by the induction of a premature lethal molt which initiates within hours of ingestion of treated crop surfaces. Contact activity has also been observed in some insects. Actual death of the larvae will take several days to occur although feeding by the insects generally ceases within 24 hours of ingestion.

**USE RATE DETERMINATION**

Carefully read, understand and follow label use rates, recommendations and restrictions. Apply the amount specified in the following table with properly calibrated aerial or ground spray equipment. The low rates may be used for light infestations of the target lepidopterous species and the higher rates for moderate to heavy infestations. CONFIRM 70 WSP Agricultural Insecticide may be applied in either dilute or concentrate sprays so long as the application equipment is calibrated and adjusted to deliver thorough, uniform coverage. Use the specified amount of CONFIRM 70 WSP per acre regardless of spray volume used. Prepare only the amount of spray solution required to treat the measured acreage.

**COMPATIBILITY**

CONFIRM 70 WSP Agricultural Insecticide is believed to be compatible with most commonly used agricultural fungicides, insecticides, growth regulators, foliar fertilizers and spray adjuvants. If in doubt, the user should consult spray compatibility charts or State Cooperative Extension Specialists prior to preparing tank mixtures.

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

**APR 20 1999**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
707-258

**MIXING**

Fill spray tank one-third to one-half full of clean water before adding water-soluble pouches to the spray tank. Place the CONFIRM 70 WSP Agricultural Insecticide pouches in the spray tank and insure that the pouches are completely dissolved before adding other co-applied products. Add the required number of pouches as determined by the dosage recommendations into the tank with continuous agitation. Depending on the water temperature and the degree of agitation, the pouches should completely dissolve within approximately five minutes.

**NOTE:** CONFIRM 70 WSP Agricultural Insecticide is compatible with boron and spray oils; however, the water soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

**HANDLING**

The enclosed pouches of CONFIRM 70 WSP Agricultural Insecticide are water soluble. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from overwrap except to add directly to the spray tank.

**APPLICATION TIMING**

The activity of CONFIRM 70 WSP Agricultural Insecticide is expressed primarily through ingestion by the target larvae. Consequently, the timing of application is dependent on the feeding behavior of the target pest. For internal feeding larvae, application must be made prior to the time that surface feeding occurs. For foliar or surface feeding larvae, application made while active feeding is occurring will be effective.

Re-application may be required to protect new flushes of foliage or rapidly expanding fruit. The re-application interval will vary depending on how rapidly the crop is growing and the generation time of the target pest. While CONFIRM 70 WSP Insecticide is essentially equally effective against all instars, it is generally good practice to make applications to early instars to avoid the heavy damage that can be inflicted by later instar larvae.

For best results, begin applications when first signs of feeding damage or when threshold levels of moths, eggs or larvae occur. Consult the Cooperative Extension Service, or other qualified professional authorities to determine the appropriate threshold for application in your area.

**APPLICATION INSTRUCTIONS**

Because CONFIRM 70 WSP Agricultural Insecticide must be ingested, application must be in a manner that assures uniform and thorough coverage. Higher water volume and increased spray pressure generally provide better coverage. Avoid application under conditions when uniform coverage cannot be assured or when excessive spray drift may occur.

*A minimum of six hours drying time is required between completion of application and the onset of precipitation to ensure retention of the spray deposit.*

**RESISTANCE MANAGEMENT**

Any insect population may contain individuals that are naturally resistant to a specific pesticide, therefore, the use of any one insecticide against many consecutive generations of a pest can result in the development of resistance problems. To prevent or delay the development of resistance, Rohm and Haas Company recommends rotation of CONFIRM 70WSP with insecticides of alternate modes of action and the utilization of Integrated Pest Management practices such as routine monitoring, the use of treatment thresholds to time applications and cultural and biological controls wherever possible. We further recommend that CONFIRM 70WSP not be used on more than three consecutive generations of a pest. Since the development of resistance cannot be predicted we suggest that you consult local or State Extension personnel or your local Rohm and Haas Company representative for resistance management guidance appropriate to your crop, locality and production practices.

## USE DIRECTIONS FOR CRANBERRY

**Ground Application:** Make applications by conventional ground sprayers which are calibrated to deliver a minimum of 20 gallons per acre.

**Aerial Application:** Make applications of CONFIRM 70WSP in a minimum of 10 gpa.

**Chemigation Application:** For use only in solid-set sprinkler systems designed specifically for chemigation. Apply through a properly calibrated chemigation system that has the appropriate back flow prevention devices. See the 'MIXING' section of this labeling for specific mixing and dilution instructions. CONFIRM 70WSP should be applied in dedicated chemigation cycles only, not as a part of a regular irrigation cycle. Do not exceed 900 gallons of water per acre application volume. Minimum volume should be used for flush out to avoid diluting or rinsing off product. Washout time should not exceed six (6) minutes. Sprinkler heads should be set in a spacing not exceeding 50 feet by 60 feet and adjusted to provide 100% overlap. Crop injury, lack of effectiveness, or illegal pesticide residues can result from nonuniform distribution of treated water.

### General Precautions for Applications Through Chemigation Systems

- Do not connect an irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in the irrigation pipeline to prevent water source contamination from back flow.
- 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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 positive displacement, metering 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.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

TARGET PESTS	APPLICATION RATE		APPLICATION TIMING	RESTRICTIONS
	Acres per pouch**	Ounces Product per acre		
Blackheaded fireworm	1.2	6.0 (0.26 lb. ai/acre)	<p><b>First generation:</b> Apply at first sign of larval infestation and make a second application 7 to 10 days following the first application.</p> <p><b>Second generation:</b> Make the first application at 10-20% egg hatch (typically 8 to 12 days following biofix*) followed by a second application 7 to 10 days later.</p>	<p>Do not apply more than 24 oz of CONFIRM 70WSP per season</p> <p>Allow at least 30 days to elapse between final application and harvest</p>
Spotted fireworm	1.2	6.0 (0.26 lb. ai/acre)	<p><b>First generation:</b> Apply to small larvae before webbing occurs when threshold infestations are detected by sweep net sampling. Make a second application 7 to 10 days following the first application to heavy infestations or sustained moth flight.</p> <p><b>Second generation:</b> Make the first application at 10-20% egg hatch (usually mid to late June) followed by a second application 7 to 10 days later.</p>	
Sparganothis fruitworm	1.2	6.0 (0.26 lb. ai/acre)	<p><b>First generation:</b> Initiate applications as soon as larvae are detected by sweep net sampling. Make a second application in 7 to 14 days.</p> <p><b>Summer generation:</b> Make the first application at 5-10% egg hatch (usually 10 to 14 days following biofix) followed by a second application 7 to 10 days later (about 60% egg hatch).</p>	
Cranberry fruitworm	1.2	6.0 (0.26 lb. ai/acre)	<p>Apply at initiation of egg laying (approximately 400 Day Degrees (DD) following biofix-base 50°). Make a second application at 100% petal fall (usually 7 to 14 days after the initial application). Additional applications at 10-14 day intervals may be required under high pressure or sustained moth flight.</p>	
Blossom worm False armyworm Gypsy moth	1.2	6.0 (0.26 lb. ai/acre)	<p>Apply when larvae are in the 1<sup>st</sup> to 3<sup>rd</sup> instar and when action thresholds are reached based on local Extension Service recommendations.</p>	
Spanworms	1.2	6.0 (0.26 lb. ai/acre)	<p>Initiate applications when infestations reach threshold levels based on sweep net sampling. Additional applications at 10-14 day intervals may be required under high pressure or sustained moth flight.</p>	

\*Biofix is defined as first sustained adult catch in pheromone traps, typically, 5 moths in 3 traps within a seven-day period.

\*\*CONFIRM 70 WSP Agricultural Insecticide is supplied in water-soluble pouches containing 7 ounces of 70% ai wettable powder.

CONFIRM, LATRON B-1956 AND CS-7 ARE REGISTERED TRADEMARKS OF ROHM AND HAAS COMPANY

**CONDITIONS OF SALE AND WARRANTY**

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

3/22/99

© 1999 Rohm and Haas Company