MatchPoint™

INSECTICIDE

Trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow

For control of listed pests such as lepidopterous larvae (worms or caterpillars) and other listed pests infesting turfgrass.

Group 5 INSECTICIDE

Active Ingredient:
spinosad
(a mixture of spinosyn A and spinosyn D) ................................................................. 36%
Other Ingredients ...................................................................................................... 64%
Total ......................................................................................................................... 100%

Contains 36% active ingredient on a weight basis.

Precautionary Statements
Hazard to Humans and Domestic Animals
EPA Reg. No. 62719-523

CAUTION
Causes Moderate Eye Irritation
Avoid contact with eyes or clothing.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants
• Shoes plus socks
• Chemical-resistant gloves made of barrier laminate, polyethylene, or butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC) or viton ≥ 14 mils.

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.

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.

First Aid
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 eye. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards
This product is toxic to bees exposed to treatment for 3 hours following treatment. Do not apply this pesticide to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period. This product is toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not apply near water bodies or points of entry to them. Do not contaminate water when applying or filling tanks or applying to watersides or watercourses so that movement into water is minimized. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on the label.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

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 190. 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), restricted entry interval, and notification to workers (as applicable). 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.

For early entry into 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, wear:
• Coveralls
• Chemical-resistant gloves made of barrier laminate, polyethylene, or butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC) or viton ≥ 14 mils.
• Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Non-WPS Uses: Do not enter or allow others to enter the treated area until sprays have dried.

Storage and Disposal

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

Pesticide Storage: Store in original container only.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Nonrefillable rigid containers 5 gallons or less:
Container Handling: Nonrefillable container. Do not reuse or refill this container.
Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Nonrefillable nonrigid containers:
Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refillable rigid containers larger than 5 gal:
Container Handling: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.
Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.
Storage and Disposal (Cont.)
Nonrefillable rigid containers larger than 5 gal:
Container Handling: Nonrefillable container. Do not reuse or refill
this container.
Triple rinse or pressure rinse container (or equivalent) promptly after
emptying. Then offer for recycling if available, or puncture and dispose
of in a sanitary landfill, or by incineration, or by other procedures
allowed by state and local authorities.

Product Information
MatchPoint® is a Naturelyte® insect control product for control of many
foliage feeding pests infesting labeled crops. This product’s active
ingredient, spinosad, is biologically derived from the fermentation of
Saccharopolyspora spinosa, a naturally occurring soil organism. Mix
MatchPoint with water and apply as a foliar spray with aerial or ground
equipment equipped for conventional insecticide spraying.

Use Precautions
Integrated Pest Management (IPM) Programs
MatchPoint is recommended for IPM programs in labeled crops. Apply
MatchPoint when field scouting indicates target pest densities have reached
the economic threshold, i.e., the point at which the insect population must
be reduced to avoid economic losses beyond the cost of control.
Other than reducing the target pest species as a food source, MatchPoint does
not have a significant impact on certain parasitic insects or the natural
predators of the target pest species. However, if the preferred insecticide
is not available, the full benefit of MatchPoint in an IPM program may be reduced.

Insecticide Resistance Management (IRM)
MatchPoint contains spinosad, a Group 5 insecticide. Insect/mite biotypes
with acquired resistance to Group 5 insecticides may eventually dominate
the insect/mite population if Group 5 insecticides are used repeatedly
in the same field or area, or in successive years as the primary method
of control for targeted species. This may result in partial or total loss of
control of those species by MatchPoint or other Group 5 insecticides.
Currently, only spinetoram and spinosad active ingredients are classified
as Group 5 insecticides. These two insecticide active ingredients share
the same active ingredient and mode of action or mode of action (same
insecticide group) on consecutive generations of insects. However,
multiple applications to reduce a single generation are acceptable.

Application Rate Reference Table

<table>
<thead>
<tr>
<th>Application Rate of MatchPoint (oz/acre)</th>
<th>Active Ingredient Equivalent (lb ai/acre)</th>
<th>Acres per Pound of MatchPoint</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5</td>
<td>0.08</td>
<td>4.5</td>
</tr>
<tr>
<td>5.6</td>
<td>0.13</td>
<td>2.9</td>
</tr>
<tr>
<td>8.3</td>
<td>0.19</td>
<td>1.9</td>
</tr>
<tr>
<td>12</td>
<td>0.27</td>
<td>1.3</td>
</tr>
<tr>
<td>15.3</td>
<td>0.34</td>
<td>1.1</td>
</tr>
<tr>
<td>16</td>
<td>0.36</td>
<td>1.0</td>
</tr>
<tr>
<td>18</td>
<td>0.41</td>
<td>0.9</td>
</tr>
<tr>
<td>31</td>
<td>0.70</td>
<td>0.5</td>
</tr>
</tbody>
</table>

MatchPoint - Alone: Fill the spray tank with water to about one-half of
the required spray volume. Start agitation and add the required amount of
MatchPoint. Continue agitation while mixing and filling the spray tank to
the required spray volume. Maintain sufficient agitation during application
to ensure uniformity of the spray mix. Do not allow water or spray mixture to
back-siphon into the water source.

MatchPoint - Tank Mix: When tank mixing MatchPoint with other
materials, conduct a compatibility test (jar test) using relative proportions
of the tank mix ingredients prior to mixing ingredients in the spray tank.
If foliar fertilizers are used, repeat the jar test with each batch of fertilizer
utilized in the mixing water source. Vigorous, continuous agitation during
mixing, filling and throughout application is required for all tank mixes.
Sparger pipe agitators generally provide the most effective agitation
in spray tanks. To prevent foaming in the spray tank, avoid stirring or
splashing air into the spray mixture.

Mixing Order for Tank Mixes:
Fill the spray tank with water to 1/4 to 1/3 of
the required spray volume. Start agitation. Add different formulation types in
the order indicated below, allowing time for complete dispersion and
mixing after addition of each product. Allow extra dispersion and mixing
time for dry flowable products.

Add different formulation types in the following order:
1. MatchPoint and other water dispersible granules
2. Wetttable powders
3. Soluble Concentrates
4. Emulsifiable concentrates and water-based solutions
5. Spray adjuvants, surfactants and oils
6. Foliar fertilizers

Finish filling the spray tank. Maintain continuous agitation during mixing,
final agitation, and thorough application. If spraying and agitation must be
stopped before the spray tank is empty, the materials may settle to the
bottom. Settled materials must be resuspended before spraying is
resumed. A sparger agitator is particularly useful for this purpose.

Premixing: Dry and flowable formulations may be premixed with water
(slurried) and added to the spray tank through a 20 to 35 mesh screen.
This procedure assures good initial dispersion of these formulation types.

Spray Tank pH: A spray tank pH between 6.0 and 9.0 is suggested to
achieve maximum performance of MatchPoint. If the water source is
outside of this pH range, or tank mixing other pesticides, adjuvants,
or foliar nutrients will cause the pH to fall outside this range, consider
adjusting the spray tank pH to be between 6.0 and 9.0 before adding
MatchPoint. To do this, add all other tank mix components first, then
check the spray tank pH, adjust if desired, and then add MatchPoint. If
you require additional information on how to adjust spray tank pH, contact
your Dow AgroSciences representative.

Use of Adjuvants: Adjuvants may be used to improve the control of
leafminers and thrips in situations where achieving uniform plant coverage
is difficult (such as closed crop canopy or dense foliage), or penetration
into waxy leaf surfaces is necessary for pest control.

1. Use only adjuvant products labeled for agricultural use and follow
the manufacturer’s label directions. A nominal concentration of
1 to 2 quarts per 100 gallons (0.25 to 0.5% v/v) is generally sufficient.

2. For leafminers and thrips, emulsifiable crop oils or methylated crop oil
plus organosilicone combination products are recommended.

3. When using adjuvants, always conduct a jar test to determine the
compatibility of the various components in the mixture. Determine crop
safety in a small area of the crop whenever there is a significant change
in spray mixture ingredients or source of water for the spray mixture.

4. Do not use diesel fuel or pure mineral oil.

5. This procedure assures good initial dispersion of these formulation types.

6. For leafminers and thrips, emulsifiable crop oils or methylated crop oil
plus organosilicone combination products are recommended.

Application Directions
Proper application techniques help ensure thorough spray coverage and
correct dosage for optimum insect control. The following directions are provided for ground and aerial application of MatchPoint. Attention
should be given to sprayer speed and calibration, wind speed, and foliar
capability to ensure adequate spray coverage.

Ground Application -
Use calibrated power-operated ground spray equipment capable of
providing uniform coverage of the target crop. Orient the boom and
nozzles to obtain uniform crop coverage. Utilize a minimum of
5 to 10 gallons per acre, increasing volume with crop size and/or pest
pressure. Use hollow cone, twin jet flat fan nozzles or other insecticide
atomizer suitable for insecticide spraying to provide a fine to coarse
spray quality (per ASABE S-572, see nozzle catalogs). Under certain
conditions, drop nozzles may be required to obtain complete coverage

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of plant surfaces. Follow manufacturer’s specifications for ideal nozzle spacing and spray pressure. Minimize boom height to optimize uniformity of coverage and maximize deposition (optimize on-target deposition) to reduce drift.

Uses

Turfgrass

Not for use on residential turf

<table>
<thead>
<tr>
<th>Pests</th>
<th>MatchPoint oz/1000 sq ft</th>
<th>MatchPoint oz/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>armyworms-small larvae such as:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>fall armyworm (1)</td>
<td>0.08</td>
<td>3.5</td>
</tr>
<tr>
<td>sod webworms (including tropical) (2)</td>
<td>(2.3 gm)</td>
<td>(100 gm)</td>
</tr>
<tr>
<td>cutworms-small larvae such as:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>black cutworm</td>
<td>0.28</td>
<td>12</td>
</tr>
<tr>
<td>variegated cutworm (1,2)</td>
<td>(8 gm)</td>
<td>(340 gm)</td>
</tr>
<tr>
<td>annual bluegrass weevil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>armyworms-larvae such as:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>fall armyworm (1)</td>
<td>0.37 - 0.41 (10 - 12 gm)</td>
<td>16 - 18</td>
</tr>
<tr>
<td>black turfgrass ataenius (adults)</td>
<td>(454 - 510 gm)</td>
<td></td>
</tr>
<tr>
<td>cutworms-larvae such as:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>black cutworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>variegated cutworm (1,2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>fleas, such as:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cat flea (3)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Numbers in parentheses (-) refer to Pest-Specific Use Directions.

Pest-Specific Use Directions:

1. **Fall armyworm and black cutworm larvae**: Use the lower rate for control of light infestations of small larvae (less than 3/4 of an inch for armyworms, an inch or less for cutworms; use the higher rate for control of heavy infestations and large larvae (3/4 of an inch or larger for armyworms, larger than an inch for cutworms). Applications for **fall armyworms** during the early morning or late afternoon can maximize control. For best results, delay watering or mowing of the treated area for 12 to 24 hours after treatment.

2. **Black cutworm, sod webworm, and tropical sod webworm larvae**: Applications during the late afternoon or early evening can maximize control. For best results, delay watering or mowing of the treated area for 12 to 24 hours after treatment.

3. **Control of cat fleas**: Apply early or late in the day since effective control requires direct contact of adults and larvae with the dilute spray prior to drying. For best results, make a second application at 7 to 14 days to control adults that have emerged from pupae that may have been present during the initial treatment. Thorough spray coverage is necessary for outside areas frequented by pets. Do not treat pets with MatchPoint.

Application Method: Dilute MatchPoint in water and apply using suitable hand or power-operated application equipment (such as portable pump-up, backpack, hydraulic, boom, turf spray gun).

Application Rate: MatchPoint may be used up to a maximum labeled rate of 0.41 oz per 1000 sq ft (18 oz per acre) per application on turfgrass as a general treatment regardless of the target insect pest. Use pest specific rates when a single insect pest or group of insect pests within a rate category is the only intended target.

Tank Mix: MatchPoint may be tank mixed with other insect control products if broader spectrum insect control is required. When using tank mixtures, also follow all label directions of the mixing partner(s).

Resistance Management: Do not apply more than three times in any 21-day period. Whenever MatchPoint is applied up to three times in succession, this should be followed by no use of MatchPoint for a 21-day period or rotation to another insecticide class. Do not make more than six applications per season.

Specific Use Restrictions:

Minimum Treatment Interval: Do not make applications less than 7 days apart.

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which may result because of such factors as use of the product contrary to

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1. Refund of purchase price paid by buyer or user for product bought,
2. Replacement of amount of product used

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