

ASPARAGUS (ARIZONA, CALIFORNIA, ETC.) - ARMYWORMS, ASPARAGUS APHIDS, BEETLES, CUTWORM, ETC.

General Information

Product Information

Govern 4E insecticide is an emulsifiable concentrate for use in listed crops. This product resists washoff once it is dry. Target pests and application rates are provided in the accompanying tables.

Use Precautions and Restrictions

Insect control may be reduced at low spray volumes under high temperature and wind conditions.

Some reduction in insect control may occur under unusually cool Conditions

Do not aerially apply this product in Mississippi.

Insecticide Resistance Management (IRM) Govern 4E contains a Group 1B insecticide. Insect/mite biotypes with acquired resistance to Group 1B may eventually dominate the insect/mite population if Group 1B insecticides are used repeatedly in the same field 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 Govern 4E or other Group 1B insecticides.

To delay development of insecticide resistance, the following practices are recommended:

- Avoid consecutive use of insecticides with the same mode of action (same insecticide group) on the same insect species.
- Use tank mixtures or premix products containing insecticides with different modes of action (different insecticide groups) provided the products are registered for the intended use.

- Base insecticide use on comprehensive Integrated Pest Management (IPM) programs.
- Monitor treated insect populations in the field for loss of effectiveness.
- Contact your local extension specialist, certified crop advisor, and or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information or to report suspected resistance, call 800-258-3033.

Limitations, Restrictions, and Exceptions

Asparagus

Apply as a ground broadcast foliar spray. Use sufficient volume of finished spray to ensure thorough coverage of crop foliage. Note: Govern 4E may be applied aerially or with ground equipment for control of armyworms and grasshoppers.

Pest-Specific Use Directions:

1. For armyworms, asparagus beetles, asparagus aphids, and grasshoppers, apply during the fern stage when field counts or crop injury indicates that damaging pest populations are developing or present.
2. For cutworms, it is preferable to apply when the soil is moist and worms are active on or near the soil surface.
3. For symphylans, apply at least two weeks before harvest for optimum control.

Specific Use Restrictions:

- Do not make more than one preharvest application per season or apply within 1 day before harvest.
- Do not make more than two postharvest applications during the fern stage.
- Maximum single application rate preharvest or postharvest is 1 lb ai chlorpyrifos (2 pints of Govern 4E) per acre.

- Do not make a second application of Govern 4E or other product containing chlorpyrifos within 10 days of the first application.

Method

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

Pre-Harvest Interval

1 day

Rates

[field_rates 0](#)

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Restricted Entry Interval

24 hours

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[During the fern stage when field counts or crop injury indicates that damaging pest populations are developing or present.](#)