

## **STORED SOYBEANS, GRAINS (INDIAN MEAL MOTH, ALMOND MOTH) - (SURFACE AREA - 314 SQ FT)**

### General Information

#### GENERAL USE INSTRUCTIONS

For most consistent control, apply at first sign of newly hatched worms (1st and 2nd instar larvae). Instructions for specific crops are located in ADDITIONAL INSTRUCTION sections under APPLICATION RATES.

Reapply as necessary under a pest management program that includes close scouting.

For heavy worm infestations, use the higher CoSTAR rate. During situations of dense foliage and/or rapid growth, shorter application intervals and increased water carrier volumes will provide better crop coverage and improve CoSTAR performance.

If rapid knockdown of heavy worm or non-lepidopterous populations is necessary, include an effective contact insecticide in combination with CoSTAR. Use tank mixes only in states where the tank mix product and application site are registered.

Read and follow all label directions for use for other pesticides used as tank mix partners with CoSTAR for specific application rates, application timing, and precautions.

#### APPLICATION VOLUMES

CoSTAR can be applied by ground or air in water sufficient to insure thorough and even coverage. Thorough and uniform crop coverage is required for adequate insect control. Applications at higher water volumes have demonstrated improved control of targeted pests. Early morning or evening applications, when air is calm, are generally best for aerial applications.

#### RATE SELECTION CONSIDERATIONS

Application rates are typically given as a range:

Use Lower rate ranges when tank mixing with contact insecticides labeled for worm

control or under conditions of light worm infestations or when uniformly small worms are present.

Use Medium rate ranges when multiple worm life stages are present, continuous egg hatches are occurring or young or light armyworm infestations exist.

Use Upper rate ranges for heavy worm infestations, mature (larger) worms or for moderate to heavy infestations of armyworm, bollworm or other difficult to control worm species.

Use application rate amount of CoSTAR in water sufficient to insure thorough coverage depending on type of crop, application equipment and requirements of state regulations. Low volume applications may be used, but proper application equipment must be used to insure adequate coverage. Thorough and uniform crop coverage is required for adequate insect control.

#### Limitations, Restrictions, and Exceptions

#### STORED SOYBEANS, GRAINS (INDIAN MEAL MOTH, ALMOND MOTH) - (SURFACE AREA - 314 SQ FT)

- To control and prevent Indian Meal Moth and Almond Moth infestations of stored soybeans and grains, prepare a spray mixture which includes 1 gallon of water for every 1.5 oz. by weight of CoSTAR. Apply spray mixture either by treating the top 4 inches of grain as it is being augered into storage (applying 0.6 pint of mixture per bushel in the grain stream), or by treating the surface of grain after it is in the bin. The Table below can be used as a guide in determining the total amount of CoSTAR needed according to the bin diameter or the number of bushels to be treated.
- To insure thorough coverage when making applications to the grain surface after it is in the bin, apply spray mixture in three (3) applications. Mix the grain with a scoop or rake to a depth of four (4) inches after each application.
- Treat stored grain anytime, but for best results, treat grain at the time it is placed into storage or shortly thereafter, or in the early spring prior to egg laying. Full season control is normally experienced. Re-treat only if reinfestation occurs.

- For the protection of bagged grain, apply spray mixture to entire grain mass, and mix thoroughly prior to bagging. CoSTAR at 3 oz. by weight per 10 gallons of water will treat approximately 100 bushels.

- Treated grain may be used at any time after treatment.

Note:

Bin Diameter (20 ft.)

Bushels (4 to 84 in. depth)

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Restricted Entry Interval

4 hours

Timings

[At first sign of newly hatched worms \(1st and 2nd instar larvae\).](#)