

## **FRUITS AND NUTS - APPLE, BLACKBERRY, ETC.**

### General Information

### RESTRICTIONS

Do not use in enclosed structures.

### USE INFORMATION

Casoron CS is a broad spectrum pre-emergent and early post-emergent herbicide, effective in the control of most annual and perennial grass and broadleaf weeds. Casoron CS is a water based liquid product based on unique formulation technology where pure crystals of the active ingredient are microencapsulated in a polymer membrane. Upon application of Casoron CS, the microcapsules readily infiltrate the soil surface and carry the active ingredient into the upper soil layer, where it is quickly activated by the rapid breakdown of the capsule membrane. Upon activation, the active ingredient absorbs to the organic matter in the soil, providing a highly effective, long lasting herbicidal barrier.

The active ingredient in Casoron CS inhibits new cell growth at the growing points of roots and shoots. The growth of germinating or emerging weeds at or below the herbicidal barrier will be inhibited upon contact. Young, existing weeds with roots in the herbicidal barrier will also be affected and will gradually die. However, well established plants with roots below the herbicidal barrier will not be affected by Casoron CS.

### Mixing Instructions

Fill the spray tank with 3/4 of the desired amount of water. Then add the required amount of Casoron CS with agitation running to fully disperse the product in solution. Then fill the tank with the remaining amount of desired water.

Compatibility: To obtain optimum broad spectrum weed control, Casoron CS can be tank mixed with other herbicide products. However, due to variations in water quality, hardness and pH, it is recommended that users conduct small scale trials under local conditions to ensure compatibility prior to any large scale use.

## APPLICATION INSTRUCTIONS

For optimum results, apply Casoron CS as soil surface treatment from late fall through early spring. Make application prior to weed emergence, or when emerged weeds are less than 2 inches tall. For quicker or improved activity against emerged weeds, apply labeled rates of glyphosate or other post emergent active herbicides prior to or in a tank mix with Casoron CS.

Do not disturb treated areas after application to maintain the herbicidal barrier.

### Ground Applications

Apply in a large enough volume of water to obtain thorough coverage of the area being treated, typically 7 to 100 gallons per acre for broadcast treatments.

Apply with standard commercial sprayers equipped with nozzles designed to deliver the desired spray pressure and volume. Applications can also be made with a handgun sprayer, using a spray volume of at least 40 gallons per acre to ensure uniform coverage. For small areas, a backpack sprayer may be used.

### Precautions

Because the active ingredient in Casoron sublimates, i.e., changes from solid to a gaseous state, under warm/dry conditions, optimal activity will be achieved when applications are made at temperatures below 70° F (21° C) to moist soil, and/or followed by rainfall or sprinkler irrigation to activate the active ingredient.

### Restrictions

Do not use Casoron CS on light, sandy soils, such as St. Lucie fine sand or Arzell fine sand, as the herbicide may penetrate further into the soil and injure non-target plants.

Do not use in greenhouses or other enclosed structures.

Do not apply to any areas not intended to maintain long term total vegetation control of at least one year.

Do not allow the spray solution to come in contact with non-target plants, either through direct application or through drift. Do not apply around non-target plants

that have been established in the ground for less than 6 months. See exceptions below for specific sensitive plants.

Do not graze livestock in treated areas.

Do not plant rotational crops, on which Casoron is not registered, in treated soil within one year of application.

The addition of a suspension agent may be needed to maintain product in solution or if agitation stops.

Limitations, Restrictions, and Exceptions

#### USE INFORMATION

Apply 1.4 to 2.8 gals. per acre.

Tank mixing with other pre-and/or post-emergence herbicides registered for use on the specific crops listed may provide a broader spectrum of weed control.

RESTRICTION: Use only around well established plants. In new production areas, do not apply until 1 year after transplanting. Do not use in nurseries.

RESTRICTION: For blackberries and raspberries, do not apply during new shoot emergence.

Method

[Broadcast/Foliar Ground](#)

[Soil Surface Treatment](#)

[Broadcast/Foliar Ground](#)

[Soil Surface Treatment](#)

Rates

[field rates 0](#)

•

Restricted Entry Interval

12 hours

Timings

[From late fall through early spring.](#)

[Prior to weed emergence, or when emerged weeds are less than 2 inches tall.](#)