

# SOLICAM<sup>®</sup>

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## GRANULAR HERBICIDE

FOR CONTROL OF GRASS AND BROADLEAF WEEDS IN TREE FRUIT AND NUT CROPS, CITRUS AND HOPS

**ACTIVE INGREDIENT:**

norflurazon [4-chloro-5-(methylamino)-2-(alpha, alpha, alpha-trifluoro-m-tolyl)-3(2H)-pyridazinone]. . . 5%

INERT INGREDIENTS . . . . . 95%  
100%

**ACCEPTED**  
JAN 18 1983  
Under the Federal Insecticide, Fungicide, and Rodenticide Act.  
Registered for the pesticide  
Controlled under Reg. No. 11273-41

KEEP OUT OF REACH OF CHILDREN

WEEDS CONTROLLED

### CAUTION

Solicam at recommended rates controls the following weeds:

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS**

**AND DOMESTIC ANIMALS**

- Annual bluegrass
- Annual sedge
- Bahiagrass
- Barnyardgrass
- Broadleaf signalgrass
- Chest
- Crabgrass
- Downy brome
- Fall panicum
- Feather fingergrass
- Porttail (green & yellow)
- Italian ryegrass
- Johnsongrass (seedling)
- Lippot brome
- Southwestern cupgrass
- Six weeks grama grass
- Tall fescue
- Texas panicum
- Wild barley
- Wild onion
- Witchgrass

- Annual bur sage
- Carolina geranium
- Chickweed
- Common purslane
- Cudweed
- Dog fennel
- False dandelion (smooth cat's ear)
- Fiddleneck
- Filaree (redstem and whitestem)
- Little mallow (cheeseweed)
- London Rocket
- Pineapple weed
- Prostrate spurge
- Puncturevine
- Redmaids
- Russian thistle
- Shepherdspurge
- Sowthistle
- Virginia pepperweed
- Wild buckwheat
- Wild geranium

In case of skin contact, wash thoroughly with soap and water. Wear clean clothes and wash before reuse. Wash hands thoroughly with soap and water before eating, drinking or smoking.

Environmental Hazards: Do not apply directly to any body of water. Do not apply when weather conditions favor runoff or drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

Solicam at recommended rates suppresses the following weeds:

- Bermudagrass
- Orchardgrass
- Purple nutsedge
- Quackgrass
- White johnsongrass
- Yellow nutsedge
- Western muhly (viridescens muhly)

- Common lambsquarters
- Groundsel
- Nasturtium
- Morseweed (marestail)
- Pigweed (redroot, tumbled and green amaranth)
- Plantain (bracted and buckhorn)
- Pearsee
- Silver chalice nightshade (white horse-nettle)

**NOTICE:** Sandoz, Inc. makes no warranty, expressed or implied, including the warranties of merchantability and/or fitness for any particular purpose concerning this material, except those which are contained on this label.

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EPA Reg. No. 11273-  
EPA Est. No.

DIRECTIONS FOR USE

11273-41

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

GENERAL INFORMATION

SOLICAM is a herbicide for control of certain grasses and broadleaf weeds in tree fruit and nut crops, citrus and hops.

SOLICAM must be moved into the weed root zone to be effective. If no rainfall occurs within four weeks after application, the product must be activated by flood irrigation or sprinkler irrigation. SOLICAM alone has no post-emergence activity and will not control established weeds.

Do not graze livestock on treated areas. Do not feed or graze cover crops grown in treated orchards.

In the following locations, do not use SOLICAM in deciduous crops: Arizona, and the Coachella, Imperial, Palo Verde and Tehachapi Valleys of California. Do not use in stone fruits on the western slope of Colorado.

APPLICATION DIRECTIONS

Apply SOLICAM before weeds emerge. The soil surface must be free of weeds and relatively free of plant residues. The soil should be settled and firm at the time of application.

~~Apply SOLICAM to the soil surface.~~  
Avoid contact with fruit or foliage. Make only one application per year. Do not apply when nuts or fruit are on the ground at harvest.

Apply SOLICAM granules with any suitable calibrated ground equipment to ensure uniform coverage. Avoid overlapping as injury to trees or vines could occur.

Broadcast Rates

Use also consistent with # 11273-1

Use 40 - 80 lbs. of SOLICAM Granular acre.

Use the lower rates on coarse soils. the higher rates on medium to fine soil soils having organic matter content greater than 3%.

SOIL TEXTURE	SOIL TYPE	SOLICAM GRANULAR RATE APPLICATION
Coarse	sand, loamy sand, sandy loam	40 lb
Medium	loam, silt loam, silt, sandy clay loam	60 lb
Fine	sandy clay, clay loam, silty clay loam, silty clay, clay	80 lb

Strip or Band Treatment:

When applying a strip treatment of SOLICAM Granular, the following formula may be used to calculate the amount per acre:

$$\frac{\text{Width of strip in feet}}{\text{Distance between rows in feet}} \times \text{Pounds per acre for broadcast treatment} = \text{Pounds per acre for strip treatment}$$

## DECIDUOUS TREE FRUIT AND NUT CROPS

Apply SOLICAM as directed to the soil surface from fall to early spring before weeds emerge unless indicated otherwise.

Do not use on nursery stock.

Almonds, Cherries

In California and the Pacific Northwest, apply SOLICAM as directed from October through the end of January. Elsewhere, apply as directed from fall to early spring before weeds emerge. Use only on trees that have been established at least 18 months in the field. Do not use on coarse textured soils such as sand, loamy sand, gravelly sand, fine sand, and sandy loam.

Apples, Peaches

Apply SOLICAM as directed. The product may be used on newly planted apples and peaches, provided the soil around the tree is firm and there are no depressions in which rain or irrigation water could accumulate. However, in California and the Pacific Northwest, peach trees must be established at least 18 months in the field.

Apricots, Filberts, Nectarines, Pears, Plums, Prunes, and Walnuts

Apply SOLICAM as directed. Trees must be established at least 18 months in the field in California and the Pacific Northwest. Elsewhere, trees must be established at least 12 months in the field.

Non-Bearing Pecans

Apply SOLICAM as directed. The product may be used on newly planted trees in the Southeast. Elsewhere, trees must be established at least 12 months in the field. Do not use in orchards where trees will bear fruit within 12 months. Do not use in New Mexico or Arizona.

## CITRUS CROPS

Apply SOLICAM as directed any time during the year according to local practice. Higher rates of 60 - 80 lbs./acre can also be used in coarse textured soils and incorporated to a depth of not more than 3-4 inches for increased activity against less susceptible weeds. SOLICAM may be used in newly planted citrus.

Do not use on nursery stock.

Do not use where citrus is interplanted with palm trees.

## HOPS

Apply SOLICAM as directed to the soil surface in the fall after the hop yards have been worked for the last time, or within one week after stringing in the spring.

Use only on hops that have been established at least 18 months in the field.

## STORAGE AND DISPOSAL

Storage: Do not store near or contaminate feed or foodstuffs.

Pesticide Disposal: Pesticide or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

Container Disposal: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

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NOT REVIEWED  
 In Accordance with PR Notice 82-2,  
 Based on Draft Labeling Dated 1-18-83

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# SOLICAM®

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 alpha-trifluoro-m-tolyl)-3(2H)-pyridazinone] ..... 5%

INERT INGREDIENTS ..... 95%

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**WEEDS CONTROLLED**

SOLICAM at recommended rates controls the following weeds:

- |                         |                            |
|-------------------------|----------------------------|
| Annual bluegrass        | Cheat                      |
| Annual sedge            | Crabgrass                  |
| Bahiagrass              | Downy brome                |
| Barnyardgrass           | Fall panicum               |
| Broadleaf signalgrass   | Feather fingergrass        |
| Johnsongrass (seedling) | Foxtail (green and yellow) |
|                         | Italian ryegrass           |

- Ripgut brome
- Southwestern cupgrass
- Six weeks grama grass
- Tall fescue
- Texas panicum
- Wild barley
- Wild onion
- Witchgrass
- Annual bursage
- Carolina geranium
- Chickweed
- Common purslane
- Cudweed
- Dog fennel
- False dandelion (smooth cat's ear)

- Fiddleneck
- Filaree (redstem and whitestem)
- Little mallow (cheeseweed)
- London Rocket
- Pineapple weed
- Prostrate spurge
- Puncturevine
- Redmaids
- Russian thistle
- Shepherdspurse
- Sowthistle
- Virginia pepperweed
- Wild buckwheat
- Wild geranium

SOLICAM at recommended rates suppresses the following weeds:

- |                                |   |
|--------------------------------|---|
| Bermudagrass                   | Groundsel                                     |
| Orchardgrass                   | Henbit  |
| Purple nutsedge                | Horseweed (maretail)                          |
| Quackgrass                     | Pigweeds (redroot, tumble and green amaranth) |
| Rhizome johnsongrass           | Plantains (bracted and buckhor )              |
| Yellow nutsedge                | Poorjoe                                       |
| Western muhly (wirestem muhly) | Silverleaf nightshade (white horse-nettle)    |
| Common lambsquarters           |   |

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EPA REG. NO. 11273-41  
 EPA EST. NO.

Sandoz, Inc., Crop Protection, 480 Camino Del Rio South, San Diego, CA 92108

**DIRECTIONS FOR USE**

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**GENERAL INFORMATION**

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In the following locations, do not use SOLICAM in deciduous crops: Arizona, and the Coachella, Imperial, Palo Verde and Tehachapi Valleys of California. Do not use in stone fruits on the western slope of Colorado.

**APPLICATION DIRECTIONS**

Apply SOLICAM before weeds emerge. The soil surface must be free of weeds and relatively free of plant residues. The soil should be settled and firm at the time of application.

Avoid contact with fruit or foliage. Make only one application per year. Do not apply when nuts or fruit are on the ground at harvest.

Apply SOLICAM granules with any suitable calibrated ground equipment to ensure uniform coverage. Avoid overlapping as injury to trees or vines could occur.

**Broadcast Rates**

Use 40-80 lbs. of SOLICAM Granular per acre.

Use the lower rates on coarse soils. Use the higher rates on medium to fine soils or soils having organic matter content of greater than 3%.

SOIL TEXTURE	SOIL TYPE	SOLICAM GRANULAR RATE OF APPLICATION
Coarse	sand, loamy sand, sandy loam	40 lbs
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Fine	sandy clay, clay loam, silty clay loam, silty clay, clay	80 lbs

**Strip or Band Treatment:**

When applying a strip treatment of SOLICAM Granular, the following formula may be used to calculate the amount per acre.

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**CROP RECOMMENDATIONS**

**DECIDUOUS TREE FRUIT AND NUT CROPS**

Apply SOLICAM as directed to the soil surface from fall to early spring before weeds emerge unless indicated otherwise.

Do not use on nursery stock.

**Almonds, Cherries**

In California and the Pacific Northwest, apply SOLICAM as directed from October through the end of January. Elsewhere, apply as directed from fall to early spring before weeds emerge. Use only on trees that have been established at least 18 months in the field. Do not use on coarse-textured soils such as sand, loamy sand, gravelly sand, fine sand, and sandy loam.

**Apples, Peaches**

Apply SOLICAM as directed. The product may be used on newly planted apples and peaches, provided the soil around the tree is firm and there are no depressions in which rain or irrigation water could accumulate. However, in California and the Pacific Northwest, peach trees must be established at least 18 months in the field.

**Apricots, Filberts, Nectannes, Pears, Plums, Prunes, and Walnuts**

Apply SOLICAM as directed. Trees must be established at least 18 months in the field in California and the Pacific Northwest. Elsewhere, trees must be established at least 12 months in the field.

**Non-Bearing Pecans**

Apply SOLICAM as directed. The product may be used on newly planted trees in the Southeast. Elsewhere, trees must be established at least 12 months in the field. Do not use in orchards where trees will bear fruit within 12 months. Do not use in New Mexico or Arizona

**CITRUS CROPS**

Apply SOLICAM as directed any time during the year according to local practice. Higher rates of 60-80 lbs./acre can also be used in coarse-textured soils and incorporated to a depth of not more than 3-4 inches for increased activity against less susceptible weeds. SOLICAM may be used in newly planted citrus.

Do not use on nursery stock.

Do not use where citrus is interplanted with palm trees

**HOPS**

Apply SOLICAM as directed to the soil surface in the fall after the hop yards have been worked for the last time, or within one week after stringing in the spring.

Use only on hops that have been established at least 18 months in the field.

**STORAGE AND DISPOSAL**

**Storage:** Do not store near or contaminate feed or foodstuffs

**Pesticide Disposal:** Pesticide or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures.

**Container Disposal:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities

**SOLICAM<sup>®</sup> Granular Herbicide (EPA Reg. No. 11273-41) LABEL ADDITION**

CROP	RATE	LOCATION OF USE
Pecans	40-80 lbs. per acre	Throughout the United States

Apply SOLICAM Granular according to label directions from fall to early spring before weeds emerge. The soil surface must be free of weeds and relatively free of plant residues at time of application.

SOLICAM Granular may be used on newly planted trees in the Southeast. Elsewhere, trees must be established at least 12 months in the field. Do not use on non-bearing trees in Arizona and New Mexico. Do not use on nursery stock.

Follow all other directions, restrictions, and safety precautions contained on the SOLICAM Granular label