



SIMAZINE

ACTIVE INGREDIENT

Simazine, 2-chloro-4,6-bis(1-ethylamino)-s-triazine

80%

INERT INGREDIENTS

E.P.A. Registration No. 461-483-AA

20%

Simazine 80W is a wettable powder

CAUTION

KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED
AVOID INHALATION OF DUST
AVOID CONTAMINATION OF
FOOD AND FEED

Do not contaminate domestic or irrigation water
supplies or lakes, streams or ponds.

Do not reuse container. Destroy when empty.

Store in a dry place.

GENERAL INFORMATION

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Amaranthus, Annual Bluegrass, Annual Morningglory, Annual Ryegrass, Barnyardgrass, Watergrass, Carpetweed, Carrisssweed, Carpetweed, Common Chickweed, Crabgrass, Downy Brome (Cheat), Fireweed, Florida Paintbrush, Florida Fusley, Fox-tails, Goosegrass, Jungleweed, Lambsquarters, Mustard, Nightshade, Pigweed, Prickly Lettuce, Purslane, Ragweed, Rattail, Fescue, Russian Thistle, Shepherdspurse, Shieldsress, Silver Hairgrass, Smartweed, Spanish Needles, Tansymustard, Wild Oats, Wiregrass, Witchgrass.

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Application: Applications should be uniform. Over application will cause injury to treated crops or adjacent sensitive crops. Leave soil residues that will affect crop germination or leave excessive and illegal crop residues. Under application will result in poor or uneven weed control.

Avoid application in conditions where a 100% coverage of crop is obtained or where excessive spray drift may occur.

Use one gallon of water for each 10 pounds of wettable powder to be applied per acre.

Seeds from treated areas will not germinate and should be destroyed or should be plowed 50 days later.

Wash sprayer thoroughly with clean water immediately after use.

Use Precautions: Avoid application directly to humans or animals. Although it is some essential equipment, wear protective clothing or equipment, such as should be taken to avoid contact with skin. Prolonged contact with skin. Flammable vapors should be avoided. Do not breathe dust or fumes at the end of each day's operation.

SELECTIVE WEED CONTROL

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

FRUIT AND NUT CROPS

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Apples: Broadcast 2.5 lbs. per acre.

Avocados: In California only. Broadcast 2.5 lbs. per acre after fruit are present. Do not apply to windy soils.

Blueberries: Broadcast or single application of 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Note: Do not apply to plants less than 6 months old. Do not use on the above crops.

Chickpeas: Broadcast 5 lbs. per acre in the fall or split the application broadcast 2.5 lbs. per acre in the fall and 2.5 lbs. per acre in the spring when chickpeas are 3 to 4 inches tall.

Caneberries, i.e. blackberries, boysenberries, loganberries, raspberries: Broadcast or single application of 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Note: Do not apply to plants less than 2 months old. Do not use on the above crops.

Chickpeas: Broadcast 5 lbs. per acre in the fall or split the application broadcast 2.5 lbs. per acre in the fall and 2.5 lbs. per acre in the spring when chickpeas are 3 to 4 inches tall.

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Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

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Precautions:

- 1) Do not apply to windy soils.
- 2) Do not apply to treated areas.
- 3) Do not apply to treated areas.

Lemons: In Arizona. Make two applications of 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall.

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Precautions:

- 1) Do not apply to windy soils.
- 2) Do not apply to treated areas.
- 3) Do not apply to treated areas.

Macadamia Nuts: Broadcast 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Olives: Broadcast 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Oranges: In Arizona. Make two applications of 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall.

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Precautions:

- 1) Do not apply to windy soils.
- 2) Do not apply to treated areas.
- 3) Do not apply to treated areas.

Peaches: Broadcast 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Precautions:

- 1) Do not apply to windy soils.
- 2) Do not apply to treated areas.
- 3) Do not apply to treated areas.

Sour Cherries: Broadcast 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Simazine 80W is a selective herbicide for use on broadleaf weeds and grasses in agricultural crops. It is effective against many of the most troublesome weeds and grasses in the United States. Simazine 80W is a wettable powder which can be applied to crops by hand or by mechanical means. It is effective against many of the most troublesome weeds and grasses in the United States.

Precautions:

- 1) Do not apply to windy soils.
- 2) Do not apply to treated areas.
- 3) Do not apply to treated areas.

Walnuts: Broadcast 2.5 lbs. per acre in the spring or make a split application of broadcast 2.5 lbs. per acre in the spring and 2.5 lbs. per acre in the fall. Use a minimum of 40 gals. of water for each application. Do not apply when frost is present.

Simazine 80W is a wettable powder

CAUTION

KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED
AVOID INHALATION OF DUST
AVOID CONTAMINATION OF
FOOD AND FEED

Do not contaminate domestic or irrigation water supplies or lakes, streams or ponds.

Do not reuse container. Destroy when empty.

Store in a dry place.

GENERAL INFORMATION

Simazine 80W is a herbicide that should be applied before weeds emerge. It is effective against weeds with dicotyledonous leaves and variety of annual broadleaf and grass weeds when applied at the rate of 2 1/2 to 5 lbs per acre. Do not apply to ornamental plantings. When used at higher application rates, it may also take control of many perennial broadleaf and grass weeds.

Simazine 80W enters soil mainly through the roots. Irrigation or watering is needed to carry it into the root zone. Simazine 80W is a contact herbicide. It is not effective on root applications. Do not apply to water.

Simazine 80W controls most annual broadleaf and grass weeds such as:
Amaranths Annual Bluegrass, Annual Morningglory, Annual Ryegrass, Barnyardgrass (Watergrass), Bromoils spp., Carelessweed, Carpetweed, Common Chickweed, Crabgrass (Digitaria spp.), Downy Brome (Cheat), Fireweed, Florida Paintbrush, Florida Pusley, Fox-tails, Goosegrass, Junglelice, Lambsquarters, Mustard, Nightshade, Pigweed, Prickly Lettuce, Purslane, Ragweed, Rattail Fescue, Russian Thistle, Shepherdspurse, Shieldscrew, Silver Hairgrass, Smartweed, Spanish Needles, Tansymustard, Wild Oats, Wiregrass, Witchgrass.

Simazine 80W controls certain perennial broadleaf and grass weeds in ornamental plantings. See Simazine 80W label for details.

Simazine 80W is a wettable powder. Mix with water in a clean container. Do not use as a spray. Mix Simazine 80W with water in a clean container. Pour the mixture into the sprayer. Use the rate of 2 1/2 to 5 lbs per acre. Do not apply to water. Do not apply to ornamental plantings. Do not apply to water.

Ground Application

Simazine 80W is a wettable powder. Mix with water in a clean container. Do not use as a spray. Mix Simazine 80W with water in a clean container. Pour the mixture into the sprayer. Use the rate of 2 1/2 to 5 lbs per acre. Do not apply to water. Do not apply to ornamental plantings. Do not apply to water.

Simazine 80W is a wettable powder. Mix with water in a clean container. Do not use as a spray. Mix Simazine 80W with water in a clean container. Pour the mixture into the sprayer. Use the rate of 2 1/2 to 5 lbs per acre. Do not apply to water. Do not apply to ornamental plantings. Do not apply to water.

Aerial Application

Simazine 80W is a wettable powder. Mix with water in a clean container. Do not use as a spray. Mix Simazine 80W with water in a clean container. Pour the mixture into the sprayer. Use the rate of 2 1/2 to 5 lbs per acre. Do not apply to water. Do not apply to ornamental plantings. Do not apply to water.

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THIS IS THE INITIAL PRINTING OF THIS SPECIMEN LABEL.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Use minimum of one gallon of water for each 1 pound to 1 1/2 pounds of wettable powder to be applied per acre.

Screens in nozzles as well as those in suction and in line strainers should be no finer than 50 mesh size.

Wash sprayer thoroughly with clean water immediately after use.

Use Precautions: Avoid application directly to animals or humans. Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist, or prolonged contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

SELECTIVE WEED CONTROL

When a range of rates is given, the lower rate should be used on light soils and sandy soils. In general, the higher rate should be used on heavy soils and this is particularly so for band applications. For band applications reduce the amount of Simazine 80W and the amount of water per acre in proportion to the area treated. For example, when applying a 20 inch band to a row spacing of 40 inches apart, apply half the recommended amount of Simazine 80W and water per acre. For ground applications where amount of water is not specified, apply Simazine 80W in 20-40 gallons of water per acre to insure uniform coverage.

FRUIT AND NUT CROPS

The spray should be applied to the orchard or vineyard floor to avoid contact with fruit or foliage. Make application only to orchards or groves where trees have been established one year or more. Make only one application per year, except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot applications around trees or fruit or nut plantings, reduce the broadcast rate per acre of Simazine 80W and amount of water in proportion to the area actually sprayed.

Apples: Broadcast 2 1/2-5 lbs per acre.

Avocados: In California only. Broadcast 2 1/2-5 lbs per acre after final preparation of grove.

Precaution: Do not apply to sandy soils.

Blueberries: Broadcast a single application of 2 1/2-5 lbs per acre in the spring or make a split application, broadcasting 2 1/2 lbs per acre in the spring and 2 1/2 lbs per acre in the fall. Use a minimum of 40 gals of water for each application. Do not apply when fruit is present.

Note: On new plantings (less than 6 months old) use 1/2 the above rate.

To control quackgrass, broadcast 5 lbs per acre in the fall or split the application, broadcasting 2 1/2 lbs per acre in the fall and 2 1/2 lbs per acre in the spring, when quackgrass is actively growing.

Caneberries, Rubus spp., boysenberries, loganberries, raspberries:

Broadcast a single application of 2 1/2-5 lbs per acre in the spring or make a split application, broadcasting 2 1/2 lbs per acre in the spring and 2 1/2 lbs per acre in the fall. Use a minimum of 40 gals of water for each application. Do not apply when fruit is present.

Note: On new plantings (less than 6 months old) use 1/2 the above rate.

To control quackgrass, broadcast 5 lbs per acre in the fall or split the application, broadcasting 2 1/2 lbs per acre in the fall and 2 1/2 lbs per acre in the spring, when quackgrass is actively growing.

Cranberries: In Massachusetts, Broadcast up to 5 lbs per acre before spring growth begins in the fall after harvest.

In other areas, Broadcast 2 1/2 lbs per acre before spring growth begins.

Filberts (Oregon and Washington Only): Broadcast 2 1/2-5 lbs of Simazine 80W in 20-40 gals of water per acre in the fall, or apply a split application of 2 1/2 lbs per acre in the fall and 2 1/2 lbs per acre in the spring.

Precautions:

- 1) If trees are planted on a hillside, excessive soil erosion may result from the application of weeds.
- 2) Do not apply when nuts are on the ground during the harvest period.
- 3) Do not use on sandy soils.
- 4) Do not apply more than 5 lbs per acre of Simazine 80W per year.

Grapes: Broadcast 2 1/2-5 lbs per acre any time between harvest and early spring.

Note: Do not use in a year is established less than three years.

Grapefruit: Broadcast 2 1/2-5 lbs per acre. Do not apply to the ground near the base of the tree.

2) Do not apply to bedded grapefruit.

3) Do not apply to trees under stress from freeze damage to avoid possible injury.

Lemons: In Arizona, Make two applications per year. Broadcast 2 1/2 lbs per acre in the fall.

1) California: Broadcast 2 1/2-5 lbs per acre in the fall in the riparian Verde valleys.

Precautions: All areas:

- 1) Do not use on sandy soils.
- 2) Do not apply to bedded grapefruit.
- 3) Do not apply to trees under stress from freeze damage to avoid possible injury.

Macadamia Nuts: Broadcast 2 1/2-5 lbs per acre in the fall.

Olives: Broadcast 2 1/2-5 lbs per acre in the fall.

Oranges: Broadcast 2 1/2-5 lbs per acre in the fall.

1) California: Broadcast 2 1/2-5 lbs per acre in the fall in the riparian Verde valleys.

1) Florida: Broadcast 2 1/2-5 lbs per acre in the fall.

1) Texas: Broadcast 2 1/2-5 lbs per acre in the fall.

Precautions: All areas:

- 1) Do not use on sandy soils.
- 2) Do not apply to bedded grapefruit.
- 3) Do not apply to trees under stress from freeze damage to avoid possible injury.

Peaches: Broadcast 2 1/2-5 lbs per acre. Apply to the ground near the base of the tree.

Precautions: All areas:

1) Do not apply to sandy or gravelly soil.

2) Use only in Missouri and the states to the east of the Mississippi River.

Pears: Broadcast 2 1/2-5 lbs per acre.

Plums: Broadcast 2 1/2-5 lbs per acre. Apply to the ground near the base of the tree.

Precautions:

- 1) Do not apply to sandy or gravelly soil.
- 2) Use only in Missouri and the states to the east of the Mississippi River.

Sour Cherries: Broadcast 2 1/2-5 lbs per acre.

Sweet Cherries: Broadcast 2 1/2-5 lbs per acre. Apply to the ground near the base of the tree.

Precautions:

- 1) Do not apply to sandy or gravelly soil.
- 2) Do not apply to trees under stress from freeze damage to avoid possible injury.
- 3) Do not apply to trees under stress from freeze damage to avoid possible injury.

FIELD AND FORAGE CROPS

Alfalfa: Established pure stands of alfalfa, at least one year old, pure one year old and established alfalfa orchards, grass, at least one year old.

For ground applications, use the broadcast rate of 2 1/2 lbs per acre of Simazine 80W with 40 gals of water. For forage use, apply 2 1/2 lbs per acre of Simazine 80W with 40 gals of water. Do not apply to water.

For aerial application, use the broadcast rate of 2 1/2 lbs per acre of Simazine 80W with 40 gals of water. Do not apply to water.

For water application, use the broadcast rate of 2 1/2 lbs per acre of Simazine 80W with 40 gals of water. Do not apply to water.

SPECIMEN LABEL

SIMAZINE 80W

Application: Applications should be uniform. Over application could cause injury to treated crops or adjacent sensitive crops. Leave soil residues that may affect crops planted in rotation or leave excessive and illegal crop residues. Under application can result in poor or uneven weed control.

Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Use minimum of one gallon of water for each 1/2 pound to 1 pound of wettable powder to be applied per acre.

Screens or nozzles as well as those in section and in line strikers should be no finer than 50 mesh size.

Wash sprayer thoroughly with clean water immediately after use.

Use Precautions: Avoid application directly to animals or humans. Although it is unnecessary, farmmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist, or prolonged contact with skin. Farmmen and loaders should wash thoroughly before eating and at the end of each day's operation.

SELECTIVE WEED CONTROL

For control where a range of rates is given, the lower rate should be used on light soils and very low weed infestation. The higher rate should be used on heavy soils and soils high in organic matter. For band applications reduce the amount of Simazine 80W and the amount of water per acre proportionate to the area treated. For example, when applying a 20-inch band to a 36-inch spaced, 4-row crop, apply half the recommended amount of Simazine 80W and a minimum of 20 gallons of water for each application where amount of water is not specified. Apply Simazine 80W in 2 to 40 gallons of water per acre to assure uniform coverage.

FRUIT AND NUT CROPS

The spray should be applied to the orchard or vineyard from the fall to just before the harvest. Make application only to orchards or groves where trees have been established one year or more. Make only one application per year, except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot applications around trees or fruit and nut plantings, reduce the broadcast rate per acre of Simazine 80W and amount of water applied to the area actually sprayed.

Apples: Broadcast 2 1/2 lbs per acre.

Avocados: In California only. Broadcast 2 1/2 lbs per acre after final preparation of grove.

Precaution: Do not apply to sandy soils.

Blueberries: Broadcast a single application of 2 1/2 lbs per acre in the spring or make a spot application, broadcasting 2 1/2 lbs per acre in the spring and 2 lbs per acre in the fall. Use a minimum of 40 gallons of water for each application. Do not apply when fruit is present.

Note: On new plantings (less than 6 months old) use 1/2 the above rate.

To control quackgrass, broadcast 5 lbs per acre in the fall or split the application, broadcasting

in Florida. Broadcast 6 1/2 lbs per acre in the spring.

in Texas. Broadcast 5 1/2 lbs per acre.

Precautions (All Areas):

- 1) Do not use in rivers.
- 2) Do not apply to birdseed or pet feed.
- 3) Do not apply to trees under stress from freeze damage. Avoid application during the freeze to avoid possible injury.

Lemons: In Arizona. Make two applications only per year. Broadcast 2 1/2 lbs per acre in the spring and 2 lbs per acre in the fall.

in California. Broadcast 5 lbs per acre in the fall. Do not apply to trees in the year of planting.

Precautions (All Areas):

- 1) Do not use in rivers.
- 2) Do not apply to treated orchards.
- 3) Do not apply to trees under stress from freeze damage. Avoid application during the freeze to avoid possible injury.

Macadamia Nuts: Broadcast 2 1/2 lbs per acre 50 days before planting or 2 weeks before planting. Apply prior to weed emergence. Repeat application, necessary only if weeds appear after the first application.

Olives: Broadcast 2 1/2 lbs per acre after planting and during dormant period. Do not apply during midwinter.

Oranges: In Arizona. Make two applications only per year. Broadcast 2 1/2 lbs per acre in the spring and 2 lbs per acre in the fall.

in California. Broadcast 2 1/2 lbs per acre in the fall. Do not apply to trees in the year of planting.

in Florida. Broadcast 6 1/2 lbs per acre in the spring.

in Texas. Broadcast 5 1/2 lbs per acre.

Precautions (All Areas):

- 1) Do not use in rivers.
- 2) Do not apply to birdseed or pet feed.
- 3) Do not apply to trees under stress from freeze damage. Avoid application during the freeze to avoid possible injury.

Peaches: Broadcast 2 1/2 lbs per acre. Apply only to trees established one year or more.

Precautions (All Areas):

- 1) Do not apply to trees in the year of planting.
- 2) Use only in March. Do not apply to trees in the year of planting. Repeat application in summer.

Pears: Broadcast 2 1/2 lbs per acre.

Plums: Broadcast 2 1/2 lbs per acre. Apply only to trees established one year or more.

Region	Weeds Controlled	Soil Type	Rate of Simazine 80W per acre
Washington, Oregon, Nevada, California, Idaho, Montana, Wyoming, Colorado, Utah, Arizona, New Mexico, Alaska	Downy brome, grain, giant foxtail, hairy woodcock grass, red root pigweed, red top, rye, ryegrass, wild oat, wild onion, wild radish, wild rye, wild turnip, wild vine, yellow foxtail, yellow grain, yellow nutsedge, yellow pigweed, yellow vetch	Sand, sand loam, sandy	DO NOT USE
		Sandy loam	2 1/2 lbs
		Clay loam	3 1/2 lbs
		Clay soil	4 1/2 lbs
California, Oregon, Nevada, Idaho, Utah, Arizona, New Mexico, Alaska	Downy brome, grain, giant foxtail, hairy woodcock grass, red root pigweed, red top, rye, ryegrass, wild oat, wild onion, wild radish, wild rye, wild turnip, wild vine, yellow foxtail, yellow grain, yellow nutsedge, yellow pigweed, yellow vetch	Sand, sand loam, sandy	DO NOT USE
		Sandy loam	2 1/2 lbs
		Clay loam	3 1/2 lbs
California, Oregon, Nevada, Idaho, Utah, Arizona, New Mexico, Alaska	Downy brome, grain, giant foxtail, hairy woodcock grass, red root pigweed, red top, rye, ryegrass, wild oat, wild onion, wild radish, wild rye, wild turnip, wild vine, yellow foxtail, yellow grain, yellow nutsedge, yellow pigweed, yellow vetch	Sand, sand loam, sandy	DO NOT USE
		Sandy loam	2 1/2 lbs
		Clay loam	3 1/2 lbs

Established Pure Alfalfa Stands At least One Year Old (All Areas): Make two applications only per year. The first application should be made in the fall and the second application should be made in the spring. The rate of application should be 2 1/2 lbs per acre in the fall and 2 lbs per acre in the spring. A fall application will be most effective in controlling weeds. Pure alfalfa stands of less than one year old (Northeastern U.S. Only): Pure stands of less than one year old should be sprayed in the fall with the above rate.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Use minimum of one gallon of water for each 1 pound to 1 1/2 pounds of wettable powder to be applied per acre.

Screens in nozzles as well as those in suction and in-line strainers should be no finer than 50 mesh size.

Wash sprayer thoroughly with clean water immediately after use.

Use Precautions: Avoid application directly to animals or humans. Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist or prolonged contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

SELECTIVE WEED CONTROL

In each case where a range of rates is given, the lower rate should be used on light soils and soils low in organic matter; the higher rate should be used on heavy soils and soils high in organic matter. For band applications, reduce the amount of Simazine 80W and the amount of water per acre in proportion to the area treated. For example, when applying a 20-inch band to a row spaced in rows 40 inches apart, apply half the recommended amount of Simazine 80W and water per acre. For ground applications where amount of water is not specified, apply Simazine 80W in 20-40 gallons of water per acre to assure uniform coverage.

FRUIT AND NUT CROPS

The spray should be applied to the orchard or vineyard floor to avoid contact with fruit or foliage. Make application only to orchards or groves where trees have been established one year or more. Make only one application per year, except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot applications around trees or fruit or nut plantings, reduce the broadcast rate per acre of Simazine 80W and amount of water in proportion to the area actually sprayed.

Apples: Broadcast 2 1/2-5 lbs per acre.

Avocados: In California only. Broadcast 2 1/2-5 lbs per acre after final preparation of grove.

Precaution: Do not apply to sandy soils.

Blueberries: Broadcast a single application of 2 1/2-5 lbs per acre in the spring or make a split application by broadcasting 2 1/2 lbs per acre in the spring and 2 1/2 lbs per acre in the fall. Use a minimum of 40 gals of water for each application. Do not apply when fruit is present.

Note: On new plantings (less than 6 months old) use 1/2 the above rate.

To control quackgrass, broadcast 5 lbs per acre in the fall or split the application, broadcasting 2 1/2 lbs per acre in the fall and 2 1/2 lbs per acre in the spring, when quackgrass is actively growing.

Caneberries, i.e. blackberries, boysenberries, loganberries, raspberries:

Broadcast a single application of 2 1/2-5 lbs per acre in the spring or make a split application broadcasting 2 1/2 lbs per acre in the spring and 2 1/2 lbs per acre in the fall. Use a minimum of 40 gals of water for each application. Do not apply when fruit is present.

Note: On new plantings (less than 6 months old) use 1/2 the above rate.

To control quackgrass, broadcast 5 lbs per acre in the fall or split the application broadcasting 2 1/2 lbs per acre in the fall and 2 1/2 lbs per acre in the spring, when quackgrass is actively growing.

Cranberries: In Massachusetts. Broadcast up to 5 lbs per acre before spring growth begins or in the fall after harvest.

In other areas. Broadcast 2 1/2 lbs per acre before spring growth begins.

Filberts (Oregon and Washington Only): Broadcast 2 1/2-5 lbs of Simazine 80W in 20-40 gals of water per acre in the fall or apply a split application of 2 1/2 lbs per acre in the fall and 2 1/2 lbs per acre in the spring.

Precautions

- 1) If trees are pruned on a hillside, excessive soil erosion may result from the elimination of weeds.
- 2) Do not apply when nuts are on the ground during the harvest period.
- 3) Do not use on sandy soils.
- 4) Do not apply more than 5 lbs per acre of Simazine 80W per year.

Grapes: Broadcast 2 1/2-5 lbs per acre any time between harvest and early spring.

Note: Do not use in vineyards established less than three years.

Grapefruit: In California. Broadcast 2 1/2-5 lbs per acre. Do not use in the Imperial, Coachella or Pala Verde Valleys.

1) Do not use in nurseries.

2) Do not apply to bedded grapefruit.

3) Do not apply to trees under stress from freeze damage for one year following the freeze to avoid possible injury.

Lemons: In Arizona. Make two applications per year. Broadcast 2 lbs per acre in the spring and 2 lbs per acre in the fall.

In California. Broadcast 2 1/2-5 lbs per acre. Do not use in the Imperial, Coachella or Pala Verde Valleys.

Precautions (All areas)

- 1) Do not use in nurseries.
- 2) Do not apply to bedded lemons.
- 3) Do not apply to trees under stress from freeze damage for one year following the freeze to avoid possible injury.

Macadamia Nuts: Broadcast 2 1/2-5 lbs per acre in 50-100 gals of water per acre in the spring and fall to weed emergence. Repeat application in the fall if necessary. Do not apply to trees under stress or to trees under the 10-foot standard.

Olives: Broadcast 2 1/2-5 lbs per acre in 50-100 gals of water per acre in the spring and fall to weed emergence.

Oranges: In Arizona. Make two applications per year. Broadcast 2 lbs per acre in the spring and 2 lbs per acre in the fall.

In California. Broadcast 2 1/2-5 lbs per acre. Do not use in the Imperial, Coachella or Pala Verde Valleys.

In Florida. Broadcast 3-12 lbs per acre in the fall.

In Texas. Broadcast 5-6 lbs per acre.

Precautions (All areas)

- 1) Do not use in nurseries.
- 2) Do not apply to bedded citrus.
- 3) Do not apply to trees under stress from freeze damage for one year following the freeze to avoid possible injury.

Peaches: Broadcast 2 1/2-5 lbs per acre. Apply in the fall or in the spring to weed emergence.

Precautions (All areas)

- 1) Do not apply to sandy or gravelly soils.
- 2) Use only in Missouri and 14 states to the east of the Mississippi River except Tennessee.

Pears: Broadcast 2 1/2-5 lbs per acre.

Plums: Broadcast 2 1/2-5 lbs per acre. Apply in the fall or in the spring to weed emergence.

Precautions

- 1) Do not apply to sandy or gravelly soils.
- 2) Use only in Missouri and 14 states to the east of the Mississippi River except Tennessee.

Sour Cherries: Broadcast 2 1/2-5 lbs per acre.

Sweet Cherries: Broadcast 2 1/2-5 lbs per acre. Apply in the fall or in the spring to weed emergence.

Precautions

- 1) Do not apply to sandy or gravelly soils.
- 2) Use only in Missouri and 14 states to the east of the Mississippi River except Tennessee.

Walnuts: Broadcast 2 1/2-5 lbs per acre.

Precautions

- 1) Do not apply to sandy soils.
- 2) Do not apply when nuts are on the ground.
- 3) Avoid application following operations other than spraying which cause surface soil to be disturbed.

FIELD AND FORAGE CROPS

Alfalfa: Established pure alfalfa stands at least one year old, pure alfalfa stands less than one year old and established alfalfa orchardgrass mixtures at least one year old.

For ground applications use the broadcast rates listed below and apply in a minimum amount of 40 gallons of water. Fluid fertilizer may replace all or part of the water used as a carrier for Simazine 80W except fluid fertilizers should not be used when alfalfa is actively growing or injury may occur.

For aerial applications use the rates listed below and apply in a minimum of 2 1/2 gallons of water per acre.

Nevada, Utah, Idaho, Montana, Wyoming, Colorado, and the California counties of Colusa, Siskiyou, and Del Norte	(cheatgrass), fany mustard, prickly let tice, peppergrass, wildberry, orchard grass, and brome	sands	DO NOT USE
		Sandy loam	1 lb
		Loam soils	1-1 1/2 lbs
		Clay soils	1-2 lbs
		Sandy and loamy soils	DO NOT USE
		Sandy silt	1 lb
		Clay silt	1 1/2 lbs
		Clay soil	2 lb
		Silt loam soils	DO NOT USE
		Sandy silt	1 lb
		Clay silt	1 1/2 lbs
		Clay soil	2 lb

Broadcast 2 1/2-5 lbs per acre in 20-40 gallons of water per acre.

Established Pure Alfalfa Stands At Least One Year Old (All Areas): Make one application per year in the fall or in the spring to permanently frozen ground conditions. Alfalfa mixtures containing the same amount of alfalfa when Simazine 80W applications are made. Alfalfa stands must be growing for at least one year prior to treatment.

Pure Alfalfa Stands Less Than One Year Old (Northeastern U.S. Only): Pure stands of alfalfa which are less than one year old in the spring prior to June 1st and have become well established may be treated in the fall after the growing but prior to permanently frozen ground conditions. Alfalfa stands of any age, pure or mixed, in permanent or dormant when Simazine 80W is applied in the fall or in the spring to permanently frozen ground at the rate of 1 lb of Simazine 80W per acre to control such weeds as white clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.

Established Alfalfa-Orchardgrass Mixtures (Northeastern U.S. Only): Apply only to alfalfa stands of any age when the alfalfa is established for more than one year. Make a single application in the fall or in the spring to permanently frozen ground conditions. Alfalfa-orchardgrass mixtures of any age, pure or mixed, in permanent or dormant when Simazine 80W is applied in the fall or in the spring to control such weeds as white clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.

Precautions (All areas)

- 1) Do not apply to alfalfa stands which are less than one year old in the spring prior to June 1st and have become well established in the fall after the growing but prior to permanently frozen ground conditions.
- 2) Apply only to alfalfa stands of any age, pure or mixed, in permanent or dormant when Simazine 80W is applied in the fall or in the spring to control such weeds as white clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.
- 3) Do not apply to alfalfa stands of any age, pure or mixed, in permanent or dormant when Simazine 80W is applied in the fall or in the spring to control such weeds as white clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.
- 4) Do not apply to alfalfa stands which are less than one year old in the spring prior to June 1st and have become well established in the fall after the growing but prior to permanently frozen ground conditions.
- 5) Simazine 80W will not control weeds which are dormant when the alfalfa is actively growing. White clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.
- 6) Do not apply to alfalfa stands of any age, pure or mixed, in permanent or dormant when Simazine 80W is applied in the fall or in the spring to control such weeds as white clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.
- 7) Simazine 80W will not control weeds which are dormant when the alfalfa is actively growing. White clover, red clover, yellow clover, alfalfa, timothy, orchardgrass, sweetwill and peppergrass.

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SPECIMEN LABEL.

HERBICIDE

For weed control in certain crops, ornamental plantings, or industrial sites, and around-the-farm.

8. Do not apply to crops or pastures where the soil is so dry that weeds are dormant. Do not apply to crops or pastures where the soil is so wet that weeds are dormant.

Forage Bermudagrasses: Broadcast 2 1/2 to 5 lb per acre in the fall. Plow two to three weeks after application. Do not graze treated areas until the soil is dry. Do not graze treated areas until the soil is dry. Do not graze treated areas until the soil is dry.

Soil type	Rate per acre	
	Broad cast	13-inch band on 40-inch rows
Light	2 1/2 to 3	3 to 4
Medium	3 to 4	4 to 5
Heavy	4 to 5	5 to 6

- Precautions:**
- 1) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
 - 2) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.
 - 3) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
 - 4) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.

CORN:

Apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

Pre-emergence: Apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

Preplant: Apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

NOTE: Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

Soil type	Rate per acre	
	Broad cast	13-inch band on 40-inch rows
Light	2 1/2 to 3	3 to 4
Medium	3 to 4	4 to 5
Heavy	4 to 5	5 to 6

Apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

NOTE: Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

Precautions:

- 1) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
- 2) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.
- 3) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
- 4) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.

NOTE: Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring. Do not apply to corn in the fall or spring.

Precautions:

- 1) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
- 2) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.

Sugarcane: Broadcast 2 1/2 to 5 lb per acre of planting. Do not apply to sugarcane in the fall or spring. Do not apply to sugarcane in the fall or spring.

Precautions:

- 1) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
- 2) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.

Grasses Grown for Seed (Pacific Northwest Only): Perennial Ryegrass, Highland or Austrian Brome, Orchardgrass, Tall Fescue and Fine Fescues, such as Italian Ryegrass, Perennial Ryegrass, and other species. For the control of broadleaf weeds and annual grasses such as annual ryegrass, yellow foxtail, silver chrysanthemum, and downy brome, apply 2 1/2 to 5 lb Simazine 80W to the soil in the fall or spring. Do not apply to grasses in the fall or spring.

Precautions:

- 1) Do not apply to crops or pastures where the soil is so dry that weeds are dormant.
- 2) Do not apply to crops or pastures where the soil is so wet that weeds are dormant.

NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTERBELTS

Nurseries (see list below): Broadcast 2 1/2 to 3 1/2 lb in at least 25 gallons of water per acre in the spring to nursery stock established at least one year after transplanting.

Christmas Tree Plantings and Shelterbelts (see list below): Broadcast 2 1/2 to 5 lbs in at least 25 gallons of water per acre after transplanting. For band applications, reduce the rate of Simazine 80W and volume of water in proportion to the area treated. For example, Apply at the rate of 1 1/2 to 2 1/2 lb according to your soil type in a 4-foot band one mile long or 1 1/2 to 2 1/2 lb (equivalent to 2 1/2 to 5 lb broadcast per acre). Remove weed growth before application. Use the same rate for annual maintenance applications.

For quackgrass control broadcast 5 lb per acre in the fall to make a split application, applying 2 1/2 lb per acre in the fall and 2 1/2 lb per acre in early spring, after quackgrass begins growth.

Precautions:

- 1) Do not use Simazine 80W on seedbeds or young birds.
- 2) Do not apply to Christmas tree or shelterbelt transplant less than three years of age.
- 3) Do not apply Simazine 80W more than once a year, except as directed for quackgrass control.

Apply Simazine 80W to these species of trees and shrubs, as recommended above:
American Elm, Austrian Pine, Arborvitae, Balsam Fir, Barberry, Blue Spruce, Boxelder, Bush Honeysuckle, Caragana, Coonewort, Dogwood, Douglas Fir, Fraser Fir, Hemlock, Honey Locust, Juniper, Mugho Pine, Norway Spruce, Oregon Grape (Mahonia spp.), Red Cedar, Red Oak, Red Pine (Norway Pine), Red Spruce, Russian Olive, Scotch Pine, Siberian Elm, White Cedar, White Pine, White Spruce, Yew (Taxus spp.)

TURF GRASSES FOR SOG

St. Augustine, Centipede, and Zoysia Grass: Broadcast 2 1/2 to 5 lb per acre in the fall or spring. Do not apply to St. Augustine, Centipede, and Zoysia Grass in the fall or spring. Do not apply to St. Augustine, Centipede, and Zoysia Grass in the fall or spring.

Mowing Practice	Soil type	Rate per acre	
		Broad cast	13-inch band on 40-inch rows
Mow frequently	Light	2 1/2 to 3	3 to 4
	Medium	3 to 4	4 to 5
Mow infrequently	Light	3 to 4	4 to 5
	Medium	4 to 5	5 to 6

Apply on old lawns: 2 1/2 to 5 lb per acre in the fall or spring. Do not apply to old lawns in the fall or spring. Do not apply to old lawns in the fall or spring.

Precautions:

- 1) Do not apply within 30 days before cutting or mowing.
- 2) Do not use north of North Carolina.

VEGETABLE CROPS

Asparagus (Established): Broadcast 2 1/2 to 5 lb per acre to be effective the first year. Make one application per year after starting in the spring and before weeds emerge or following harvest after removal of existing weed growth. Spray as usual at least 3 days before first cutting. Precautions for Weeds, and Orange and Yellow. Do not use on sand or loamy sand soils or gravelly areas. If birds are present, use a baiting method. Allow 7 days for water to stand in the field before spraying. Do not spray on a rainy day.

Artichokes: Broadcast 2 1/2 to 5 lb per acre after mid-July. Apply as a pre-planting application.

Precautions:

- 1) Do not apply to sandy soils.
- 2) Do not make more than one application per year.

NONSELECTIVE WEED CONTROL ON NONCROP LAND

Apply Simazine 80W at rates recommended below. Use the higher rate on heavy soils and in rocky soils. Best results are obtained when Simazine 80W is applied before weeds emerge or when weed growth has begun and removal is not practical. Do not apply to crops or pastures where the soil is so dry that weeds are dormant.

Do not contaminate domestic animals or water supplies. Take care not to spray Simazine 80W on roads, sidewalks, lawns, playgrounds, golf courses, and other areas where it is not desired. Do not apply to crops or pastures where the soil is so dry that weeds are dormant.

To control annual broadleaf and grass weeds such as barnyardgrass, foxtail, and other weeds, apply 2 1/2 to 5 lb per acre in the fall or spring. Do not apply to crops or pastures where the soil is so dry that weeds are dormant.

To control hard-to-kill perennial weeds such as bindweed and yellow foxtail, broadcast 2 1/2 to 5 lb per acre in the fall or spring. Do not apply to crops or pastures where the soil is so dry that weeds are dormant.

For longer residual control in regions of high water table and a long growing season, apply 2 1/2 to 5 lb per acre in the fall or spring. Do not apply to crops or pastures where the soil is so dry that weeds are dormant.

For small areas, 4 1/2 lb per 1000 sq ft is equivalent to 12 1/2 lb per acre. Do not apply to crops or pastures where the soil is so dry that weeds are dormant.

NOTICE: Seller warrants that the product conforms to the label and does not contain any hazardous materials for the purposes stated on the label, when used in accordance with the directions and conditions of use, but does not warrant against any other claims of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, or to the extent that such claims are contrary to the instructions, or other information on the label. The user assumes the risk of any claims.

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