

chipco
The right approach

REC. #359-659 10F6
Pm 3

SPECIMEN LABEL

PRODUCT NUMBER 2145

Ronstar® G HERBICIDE



ACCEPTED
SEP 19 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 359-659

**FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY,
TURF AND LANDSCAPE PERSONNEL ONLY.
NOT FOR USE ON HOME LAWNS.**

**Selective, preemergent herbicide for the control of annual grasses
and broadleaf weeds in Turf and woody Ornamental shrubs, vines,
and trees.**

ACTIVE INGREDIENT:

Oxadiazon [2-tert-butyl-4-(2,4 dichloro-
5-isopropoxyphenyl)-1,3,4-oxadiazolin-5-one] 2.0%
INERT INGREDIENTS 98.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN wash with soap and water.

IF IN EYES flush with plenty of water; get medical attention.

See Back Panel for Additional Precautionary Statements

EPA Reg. No. 359-659

EPA Est. No.

0505

0985

Manufactured by

RHÔNE-POULENC INC.

AGROCHEMICAL DIVISION

Monmouth Junction, N.J. 08852

NET CONTENTS

50 POUNDS

KILOS

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING

Causes eye and skin irritation. Avoid contact with skin, eyes, or clothing. Avoid contamination of feed and food-stuffs. Keep opened containers away from children and animals. Wash clothing and equipment after handling this product.

NOTE TO USER: For protection during application wear long sleeved shirt, trousers and impervious gloves.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE:

Do not contaminate water, food or feed by storage or disposal. Do not store near other pesticides or seeds.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Chipco Ronstar G is a selective, preemergent herbicide for control of many annual grasses and broadleaf weeds in turf and on a wide variety of woody ornamental shrubs, vines, and trees. Chipco Ronstar G controls weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

Apply Chipco Ronstar G with a properly calibrated granular applicator that will apply the granules uniformly (uniform application is essential for satisfactory weed control). Calibrate the applicator prior to use, according to the manufacturer's directions, and check frequently during the application to be certain that the equipment is working properly.

Do not allow domestic animals to graze treated areas. Avoid contamination of water intended for irrigation and domestic use.

ADD: Buffalograss,
TURF

For use in established perennial Bluegrass, Bermudagrass, Perennial Ryegrass, St. Augustine grass, Tall Fescue, and Zoysia turf; such as, fairways, parks, golf courses, and lawns. Chipco Ronstar G controls Crabgrass (*Digitaria spp.*), Annual Bluegrass (*Poa annua*), Goosegrass (*Eleusine indica*), also controls Florida Pusley (*Richardia scabra*), Oxalis (*Oxalis spp.*), Stinging Nettle (*Urtica dioica*), Carpetgrass (*Axonopus offinis*), and Pigweed (*Amaranthus spp.*).

Rake turf area free of leaves, mowing if necessary, so granules reach soil surface. Measure area to be treated and uniformly apply required amount, using a fertilizer spreader. Cross-treating with one-half required amount in each direction will give best results. Do not apply to wet turf. If rain is not expected shortly after application, sprinkling turf thoroughly will increase effectiveness.

ADD: and Field Sandbur (*Cenchrus incertus*);

ADD: AMOUNT TO USE: and Field Sanbur

Crabgrass, and Goosegrass Control: For preemergent control, apply 100-200 pounds per acre (2 to 4 pounds active ingredient) or 2 1/4 to 4 1/2 pounds per 1000 sq. ft. of Chipco Ronstar G in early spring prior to seed germination. Application made after March or April may not be fully effective.

Annual Bluegrass Control: For preemergent control, apply 200 pounds (2.0 pounds of active ingredient) or 4½ pounds per 1000 sq. ft. of Chipco Ronstar G in late spring prior to seed germination.

Pigweed, Florida Pusley, Oxalis, Stinging Nettle, and Carpetgrass: For control of these weeds, apply 200 pounds per acre (4 pounds active ingredient) of Chipco Ronstar G in early spring prior to weed seed germination.

For St. Augustinegrass turf, do not exceed the rate of 150 pounds (1.5 pounds of active ingredient) of Chipco Ronstar G.

Chipco Ronstar G may cause discoloration of Bermudagrass and St. Augustinegrass. Discoloration is temporary and normally outgrown within 2 to 3 weeks.

Avoid contact with flowers and shrubs except as recommended elsewhere. Do not apply Chipco Ronstar G to newly seeded areas. Seeding into treated areas should be delayed 4 months after treatment. Do not apply to Dichondra or Centipede grass. Chipco Ronstar G should not be used on putting greens or tees because of the varying

WOODY ORNAMENTAL SHRUBS, VINES, AND TREES

APPLICATION:

Apply Chipco Ronstar G anytime during the year, prior to weed seed germination. Chipco Ronstar G can be applied to both newly transplanted and established woody ornamentals. Application can be made to actively growing or dormant ornamentals. Rainfall within 24 hours of application of Chipco Ronstar G will improve weed control activity. Chipco Ronstar G can be mixed into the soil. Cultivating or disturbing the soil may reduce the weed control activity of Chipco Ronstar G. Do not apply to wet foliage or under conditions in which grasses

AMOUNT TO USE:

Ground Application — Apply Chipco Ronstar G broadcast to ornamental shrubs, vines, and trees at 100 to 200 pounds (2.0 to 4.0 pounds of active ingredient) per acre (or 2½ to 4½ pounds per 1,000 sq. ft.) depending on the weeds listed below. Remove existing weed growth before application.

Chipco Ronstar G at 100 to 200 pounds (2.0 to 4.0 pounds of active ingredient) per acre controlling annual grasses and broadleaf weeds such as:

ANNUAL BROADLEAF WEEDS

Bittercress (*Cardamine* spp.)
Carpetweed (*Mollugo verticillata*)
Common Groundsel (*Senecio vulgaris*)
Common Purslane (*Portulaca oleracea*)
Eveningprimrose (*Oenothera* spp.)
Galinsoga (*Galinsoga* spp.)
Golden Ragwort (*Senecio aureus*)
Lambsquarters (*Chenopodium album*)
Liverwort (*Marchantia* spp.)

Pennsylvania Smartweed (*Polygonum pennsylvanicum*)
Pellitory (*Euphyasia*)
Redroot Pigweed (*Amaranthus retrofractus*)
Speedwell (*Veronica* spp.)
Spotted Catsear (*Scrophularia*)
Swinecress (*Corollaria*)
Yellow Woodsorrel (*Oxalis*)

ANNUAL GRASSES

Annual Bluegrass (*Poa annua*)
Barnyardgrass (*Echinochloa crus-galli*)
Crabgrass (*Digitaria* spp.)

Fall Panicum (*Panicum*)
Green Foxtail (*Setaria*)

Use 150 to 200 pounds (3.0 to 4.0 pounds of active ingredient) per acre for less susceptible weeds.
Use 200 pounds (4.0 pounds of active ingredient) per acre for least susceptible weeds.

NOTE:

For the control of Liverwort (*Marchantia* spp.) in California, Goosegrass (*Elymus*) and Puncturevine (*Euphorbia*) use 200 pounds (4.0 pounds of active ingredient) per acre.

CROP TOLERANCE:

Chipco Ronstar G is recommended for use on a wide variety of cultivated ornamental shrubs, vines, and trees. Chipco Ronstar G may be used on the following ornamental species:

NOTE TO TYPESETTER:
MAKE SINGLE * , CIRCLED IN RED, LARGER IN SIZE.

ADD:

**Garden Spurge (*Euphorbia hirta*)

**Bristly Foxtail (*Setaria verticillata*)

ADD

TYPESETTER:

Leave at least a double space between listings for grasses and footnotes.

How To Calibrate Spreaders For Applications Of CHIPCO® RONSTAR® G

Spreader Model	Ground Speed MPH	Rate RONSTAR G Per Acre			Effective Width in Feet
		100	150	200	
CYCLONE Spreader on Wheels Model S. 98 and 100 Electric & PTO. Such as Kushman Uses Model 10 and 20	One Trip	Spreader Settings			6.5
		3.25	3.75	4.0	
	Two Trips	Spreader Settings			6.5
		2.5	3.0	3.25	
EZEE FLOW Model No. 105 Model No. 108 & 118 Model No. 109	—	Spreader Settings			—
		D	E	—	
	3.75	A-2	B-2	—	28
		B-2	—	C-2	
GANDY Turf Tender	3.0	Spreader Settings			—
		22	25	27	
	4	Spreader Settings			3.25
		4.5	2.5	3	
SCOTT'S Scott Drop Scott R7— (PR-1, PT-10, PT-11) Scott Rotary Seymour	3 1/4	Spreader Settings			—
		4	4	4 1/4	
	5A	Spreader Settings			7
		—	—	—	
VICON 202-1002	3	Spreader Settings			20
		18	22	27	
	4	Spreader Settings			20
		—	27	30	
VICON 202-1002	5	Spreader Settings			20
		24	—	36	
	6	Spreader Settings			20
		27	32	—	

NOTE: These settings serve as guides only. Other settings may be necessary to conform to the condition of your equipment. For additional information on calibration, contact your Rhone-Poulenc sales representative.

CONTAINER GROWN

(SPECIES)	VARIETIES)	ESTABLISHED	(SPECIES)	VARIETIES)	(SPECIES)	VARIETIES)
Abutilon		SPESIES	SPESIES	SPESIES	SPESIES	SPESIES
Allamanda	Common	Agapanthus	Alcornoque	Yellow Star, Star		
Aralia	Victoria	Andromeda	Japanese	Bar Harbor, Wilton, Tondosa, Pfitzenberg		
Cash	Tropical	Arbutus	American Eastern Oriental, Aureanana, Globe, Pyramidal, Woodward	Compact, Pfitzenberg Aurea, Tondosa Variegata, Pfitzenberg Glaucia, Gulf Stream, Tam, Armstrongs, Shore, Andora, San Jose, Blue Haven, Stricta, Jade River, Broadmoor, Meyer, Rocket, Plumosa, Royal Beauty, Praecox, Greek, Apiculate Blackburn, Plumosa Compacta, Procumbens, Blue Pfizer		
Bamboo	Feathery	Arcostaphylos	Redleaf	Brandenburg	Lantana	
Banyan	Weeping	Azalea	Redleaf Marshall Red, Darms, Innu	Catesbaei Axillans	Lapalapa	
Beefsteak Plant		Berberis	Purpurea	Compacta Noctua	Lily-of-the Nile	
Bougainvillea		Boraginaceae	Common Japanese	Dr. Merril Samuel Somers, Grandiflora	Milo	
Brassia	Dwarf	Callistemon	Bottle-brush	Oregon Grape-Holly	Mock Orange	
		Camellia	Glen #40 Sasangua, Colonel Fery	Fortunes	Money Tree	
		Ceanothus	Ahas Portland (Allum)	Vincaminor	Mussaenda	
		Cotoneaster	Parney Bearberry Coral Beauty Greyleaf Cranberry Silverleaf Peking Bright Bead, Dammer, Skolholm, Microphylla Lowfast, Glaucophylla	Frazem	Ohai	
Dieffenbachia	Rudolph Roehrs	Cypress	Monterey	Slash Japanese Black Montana, Spitch, Digger, Shore, Thumberg	Orthosiphon	
		Dogwood	Red Oak	Variegated, Japanese	Poinciana	
		Douglas Fir	Pseudotsugamenzies	Macrophylla	Royal	
		Eucalyptus	Sporoxylon Nicholii	Japanese Waxleaf, Gluta, Vicary, John, Vicary, Cury Lear	Miniature	
		Euonymus	Greenland Microphylla variegata	Victory, Scarlet, Firethorn, Wyatt, Grabem	Paperbark Tree	
			Emeraldgale, Dwarf Gold Spot Golden Green Silver King Wintercreeper Vegetus, Emerald Cushion Spreading			
			Lywood Gold			
			Amy Yashona, August Beauty Mystery, Bobs			
Hibiscus	Cape	Foraythia	Mrs. Maxwell			
		Gardenia	English Ivy			
		Ginkgo	Purple Leaf Purple Leaf			
		Heather	Dwarf Oenothera, Converse, Polundolia, Heitz, Helen Burford, English Helms Dwarf Yaupon, Helms R Stevens Boxleafed Green Island Japanese			
		Holly				
Ilia						

NEWLY TRANSPLANTED

SPECIES	VARIETIES
Andromeda —	Japanese
Arbutus —	Globe, Woodward
Azalea —	Hino Red, Louise, Rosebud, Stewartstonian
Berberis —	Marshall Red, Darwins, Innes, Purpleleaf
Cedar —	Portoford (Altuna)
Cotoneaster —	Cranberry, Peking, Coral Beauty, Bright Bead, Paineys, Dammen Skolholm, Mc- rophylla, Glaucochylla
Cypress —	Monterey
Dogwood —	Red Oaks
Eucymus —	Greenlane, Emerald Cushion, Spreading
Forsythia —	Lynwood Gold
Holly —	Rotundifolia, Hellen, English, Japanese

SPECIES	VARIETIES
Juniper —	Plumosa, Plumosa Compacta, Old Gold, Pir- zeniana Aurea, Torulosa, Armstrong, Tom, Wilson, Procumbens
Leucothoe —	Audley
Magnolia —	Dr. Merrill
Staphelia —	Oregon Grape-Holly
Pine —	Slash
Privet —	Japanese, Wattle, Glossy
Pyracantha —	Graben
Rhododendron —	Snow, Blue Diamond, Chionodas, P.M., Dr. Rudgers
Rose —	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong

FIELD GROWN

ESTABLISHED

SPECIES	VARIETIES
Arbutus —	Pyramidal
Ash —	Green
Azalea —	Knod gen
Berberis —	Red, Marlor
Burn —	Camp, Paper
Camelia —	Tiffany, Marie Bracey, Elizabeth Dowd, Tom Knudsen, Crimson Robe, R. D. Wheeler
Cedar —	Lowleaf, Skolholm
Cotoneaster —	Flowering, Tomingo
Cypripedium —	Redstemmed, Red, Flowering
Elm —	Burning Bush, Dwarf Burning Bush, Jewel Shiny Border, Lynngold, Lynwood Gold, Goldenbell
Eucymus —	Bottleleaf, Green Island, Japanese
Forsythia —	Zabel
Holly —	Plumosa, Mint Julep, Arcadia, Variegata, Plumosa Compacta, Andora, Wilton, Hetz
Juniper —	Persian, Dwarf Korean
Lilac —	Amur
Maple —	Red
Oak —	Vince Minor
Portulaca —	Austrian, Scotch, Norway, Stone, Japanese
Pine —	Black, Lobloft, Slash, Eastern White

SPECIES	VARIETIES
Pinus —	Undulatum
Poplar —	California, Japanese
Privet —	Rosebud
Rhododendron —	Texas Centennial, Sutters Gold, Show Girl
Rose —	Black Hills, Norway, Serbian
Russian Olive —	Taunton Spreading Yew, Hicks
Spruce —	Canadian Hemlock
Taxus —	European Cranberry Bush
Tauget —	Ground Covers
Witch —	Campobrotus
Yucca —	Edulis
Zinnia —	Album
Algerian Ivy —	Terminalis
Vine Major —	Reptans
English Ivy —	Fortuner Radicans
Pastry —	
Alger —	
Eucymus —	

(Species)

Protea —

(Varieties)

Leucospermum
cordifolium

Protea eximia

Leucadendron
discolor

Banksia menziesii

Wedelia

(Species) (Varieties)

Brassaia — Dwarf

Carnation

Coromandel

Daisy — Trailing African

Gazania — Trailing

Metallic Plant

(Species) (Varieties)

Brassaia — Dwarf

Carnation

Coromandel

Daisy — Trailing African

Gazania — Trailing

Metallic Plant

NEWLY TRANSPLANTED

SPECIES	VARIETIES
Camellia —	Tiffany, Marie Bracey, Elizabeth Dowd, R.D. Wheeler, Tom Knudsen, Crimson Robe
Cedar —	Redstemmed, Red, Flowering
Dogwood —	Showy Border, Lynwood Gold, Goldenbell
Elm —	English Ivy
Forsythia —	Green Island, Japanese
Holly —	Plumosa, Andora, Wilton, Hetz
Juniper —	Red
Oak —	

SPECIES	VARIETIES
Portulaca —	Vince Minor
Pine —	White Austrian, Eastern White
Poplar —	California, Japanese
Privet —	Rosebud
Rhododendron —	Black Hills, Norway, Serbian
Russian Olive —	Hicks
Spruce —	Canadian Hemlock
Taxus —	
Tauget —	

(Species)

Protea —

(Varieties)

Leucospermum
cordifolium

Protea eximia

Leucadendron
discolor

Banksia menziesii

Wedelia

ADDITIONAL APPLICATIONS

For continued weed control, additional applications of Chipco Ronstar G may be made 60 to 120 days after the previous application in the following situations:

CONTAINER GROWN
ESTABLISHED

SPECIES	VARIETIES
Abelia —	Grandiflora
Common Boxwood —	
English Ivy —	
Holly —	Hellen
Juniper —	Tam
Pine —	Slash
Rhododendron —	Obtusa, Kurume Formosa, Kurume Snow

2 REPEAT TREATMENTS
CONTAINER GROWN
NEWLY TRANSPLANTED

SPECIES	VARIETIES
Common Boxwood —	
English Ivy —	
Juniper —	Tam
Pine —	Slash
Rhododendron —	Obtusa, Kurume Formosa

3 REPEAT TREATMENTS
CONTAINER GROWN
ESTABLISHED

SPECIES	VARIETIES
Abelia —	Grandiflora
Holly —	Hellen, Rotundifolia
Rhododendron —	Kurume Formosa, Kurume Snow

FOREST NURSERIES**SEEDLINGS** — At least 4 weeks old**SPECIES** **VARIETIES**

Pine — Loblolly, Slash, Eastern White

Local conditions may affect the use of this chemical. Consult State Agricultural Experiment Station or Extension Service weed specialists for specific recommendations for local weed problems and for information on possible lower dosages.

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY

This product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of Rhone-Poulenc or the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given hereon. In no case shall Rhone-Poulenc or the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.

LBL 5157