

How do you make a great crabgrass herbicide even better for turf?

PRODUCT NUMBER
2145



THE RIGHT APPROACH™ TO GOOD TURF and ORNAMENTALS

CHIPCO RONSTAR G HERBICIDE
CHIPCO RONSTAR G HERBICIDE



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)-Δ²-1,3,4-oxadiazolin-5-one]

2.0%

INERT INGREDIENTS 98.0%

WARNING

KEEP OUT OF REACH OF CHILDREN
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

Manufactured By

RHÔNE-POULENC CHEMICAL COMPANY
AGROCHEMICAL DIVISION

RHÔNE-POULENC INC.

Monmouth Junction, N.J. 08852

EPA Est. No. 297-CA-1
EPA Reg. No. 359-659

SR-0880

NET CONTENTS
50 POUNDS
22.68 KILOS

You cut the price.

About the only thing that could make Chipco® Ronstar® G herbicide better for turf would be to lower the cost. So that's what we've done. Now you can get the superior performance of Ronstar G at a



**REDUCED
PRICE**

CT NUMBER

"THE RIGHT APPROACH"® TO GOOD TURF

CHIPCO®

dramatically reduced price.

Nothing controls crabgrass and goosegrass better than Ronstar G. And you get this great weed control for the whole season with just one easy, early application.

Treat your turf with Ronstar G. The great crabgrass herbicide with the better-than-ever price. Rhône-Poulenc Chemical Co. Agrochemical Div., Rhône-Poulenc, Inc. Monmouth Junction, NJ 08852.



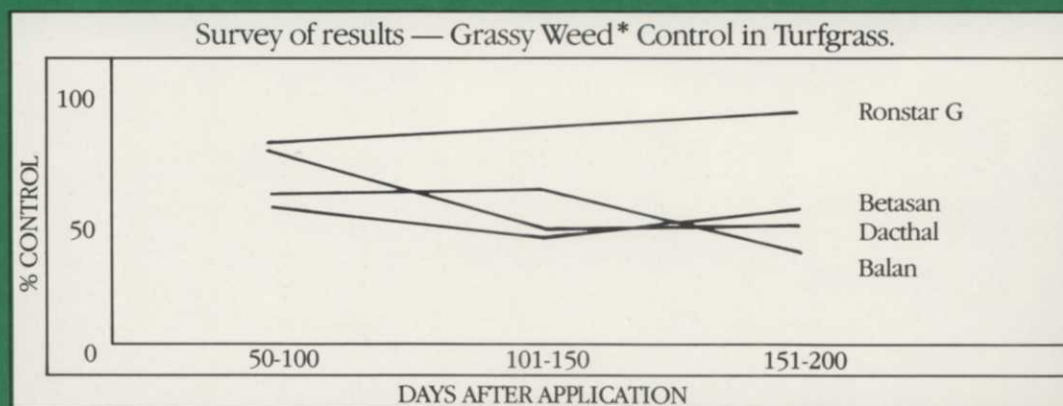
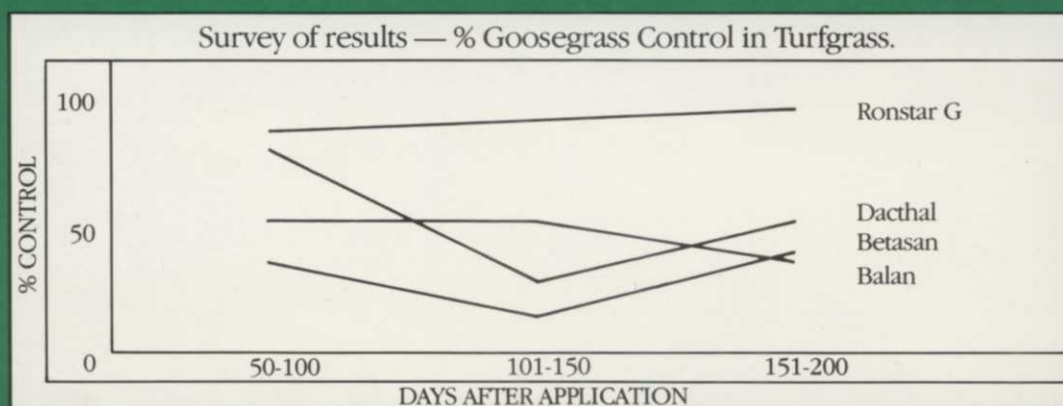
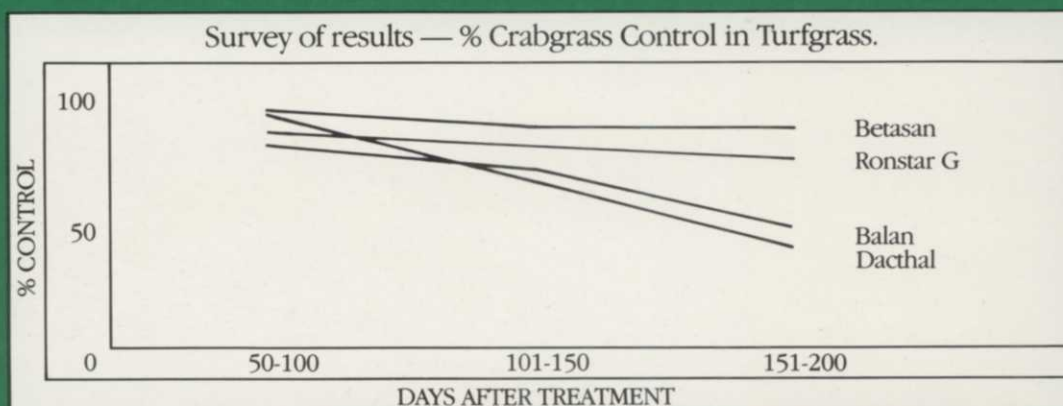
TURF and ORNAMENTALS

RONSTAR® G

HERBICIDE

Chipco® Ronstar® G HERBICIDE gives superior control.

As you can see in the following charts, Ronstar G gives effective control of grassy weeds all season long.



In field trials conducted from 1973 to 1977

*Crabgrass and Goosegrass.

With control like this, you can go for a whole season with no complaints, no call-backs.

Balan is a registered trademark of Elanco Products Company
Dacthal is a registered trademark of Diamond Shamrock
Betasan is a registered trademark of Stauffer Chemical Co.

ters in Washington, D.C., is a combination of old and new. The architectural concept was to complement the original design by utilizing the same materials, i.e. handmade brick, slate roof, plant varieties, but to lessen the ornate formality by simplifying the new building and planting design.

Existing specimen plant material had to be moved as contractors required specific areas of the site for their work. In many cases, both with transplanted and new plant material, supplementary drainage was installed because of the density of clay soil on the site.

The gardens are located one story below grade in the interior of the complex where existing and new buildings join. Because these gardens are completely enclosed by building walls and inaccessible by crane, the only option was to bring the soil and plant materials through the ground level of the addition.

The area between the addition and the multi-level parking garage is a series of terraced gardens. The brickwork is intricate and similar in style to that used in colonial Williamsburg with its curved and graceful design. The difficulty in working in areas such as this is potential damage to the brickwork.

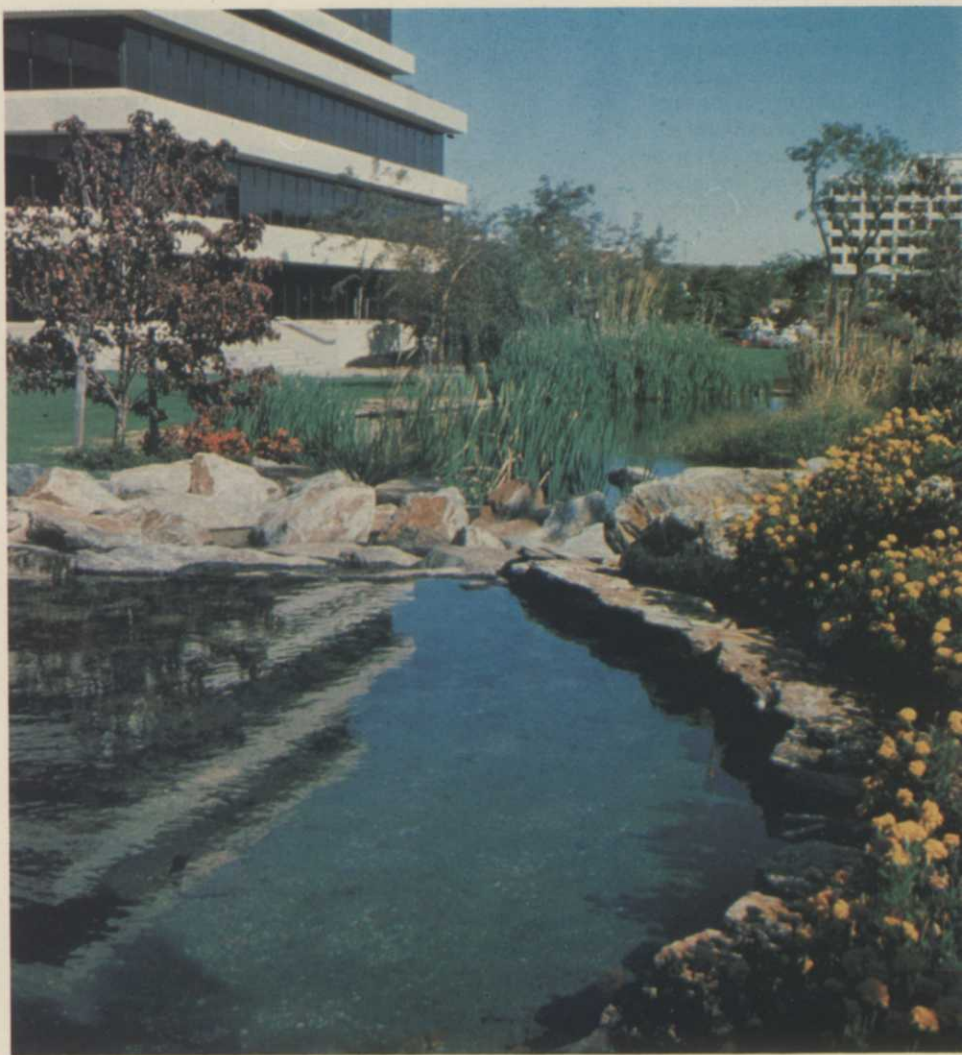
The exterior of the site was graded and sodded to provide the required effect of full, green carpet. The planting in the front of the building retains the formal effect of the existing planting but as one walks to the sides and to the back of the complex, the planting becomes much more natural and blends gracefully into the wooded areas.

Although the site retains its formality and grandeur, there is the simple, attractive quality of a forest glade.

The contractor was Chapel Valley Landscape Co., Woodbine, MD. The landscape architect was EDAW, Alexandria, VA.

Hix Green Buick

The site of the Hix Green Buick Co. in Atlanta, GA, had no existing trees and was very flat and monotonous. The dealership was designed into three separate buildings. Planting islands were



Marriott Corporation Headquarters tied a modern office building to an existing park-like business complex.

created to break the expanse of asphalt and parked cars. Architectural mounds were constructed and planted with large trees and shrubs to soften these areas.

Outside the sales showroom topsoil was brought in to construct a mound. Plantings of large River Birch, dwarf Burfordi Holly, Pampas Grass and hybrid Daylilies were used for an interesting color and texture combination. Low shrubs are used to maintain the scale and balance of the one-story building. Masses of variegated Liriope were planted to incorporate color into the landscape.

Small garden areas were designed that could be viewed through the windows of the adjacent sales office. Featured are a dwarf Japanese Maple, weeping Yaupon Holly, and various other plants which provide color con-

trast year round. Another garden which can also be viewed from the showroom has a variety of textures and colors featuring Crepe Myrtle, variegated Aucuba and Mahonia Bealei.

Mounding was effectively used to soften the expanse of parking areas in front of the service building. Large Cedrus Deodara, Crepe Myrtle, Weeping Willow and River Birch were planted on these berms. Small mounded areas were constructed and planted with Blue Rug Juniper, dwarf Yaupon Holly and hybrid Daylilies to help soften the harsh walk leading to the service building.

The used car building was landscaped with large Cedrus Deodara. Magnolia provided excellent evergreen screening and had to be installed by a large crane.

The plants were selected espe-

Continues on page 36

The Memorex Corporation Headquarters utilized sunken nature areas for employees to get together next to a building designed for efficiency.



Nationwide Plaza met the desire of a national company of rural origin to make an urban setting informal and restful.



The Stanford Shopping Center project gave a 25-year-old shopping center new life and attraction to California shoppers.

cially for their tonal values, creating a color variation necessary for year-round interest.

The landscape contractor and architect was Green Brothers Landscape Co., Smyrna, Georgia.

Marriott Corporation

The new Marriott Corp. headquarters and parking area was designed to be integrated into an existing park-like business complex in Bethesda, MD. The effective use of planting in bermed parking medians; along streets and pedestrian walkways; at entrances and around the building; in the garden and pond area; and on the 4th and 6th floor terraces achieved this integration.

The landscaping included not only an enormous quantity of plantings but also specialized contouring and placement of plant material in the garden area; planting, including crownvetch, on steeply bermed slopes that screen the parking from Interstate 270; and sodding and seeding.

The planting of the 4th and 6th floor terraces was the most challenging part of the project. These two floors jut out from the rest of the building. The plans called for the planting of 7,083 Cotoneasters in planters to create a hanging garden effect. The first problem was locating that number of cotoneasters. The 760 planters had to be lifted by crane into place. A specially designed, crane-mounted, self dumping hopper was used to lift the gravel, pre-mixed planting soil and mulch for the planters.

The landscaping blended the building into the park-like surroundings without sacrificing its architectural uniqueness.

The contractor was Chapel Valley Landscape Co., Woodbine, MD, and the landscape architect was Meade Palmer, Warrenton, VA.

Memorex Corporation

The Memorex Corp. headquarters is one of the many major industrial/research facilities in Santa Clara County, CA. Major objectives of the landscape project were to create an environment impressive as a corporate symbol, and to create a working environment,

Continues on page 40

KERB® ENDS YOUR ANNUAL BLUEGRASS BLUES.

Annual bluegrass, alias *Poa annua*, is one tough, ugly problem. It will do a number on your fairways. But not if you apply Kerb preemergence herbicide this fall. Kerb prevents this seedy character from rearing its ugly head.

Kerb wipes out germinating *Poa* before it reaches the surface.

With Kerb your fairways stay green. *Poa* can't mature so there are no seeds tracked onto greens. And you can take out cool-season overseeding grasses like rye without harming dormant Bermudagrass.

Call your local supplier today and order Kerb 50-W herbicide. You'll never have the bluegrass blues again.



Circle No. 134 on Reader Inquiry Card

Use Kerb in the fall~ Poa won't sprout at all.



**ROHM
AND
HAAS** 
PHILADELPHIA, PA. 19105

Read the label and use only as directed.

Buy a mowing tractor and get a compact utility tractor in the bargain.



There's hardly a mowing job you can think of that a John Deere 650 or 750 can't stand up to.

There's also hardly any other job you can think of that one of them will back away from.

So they can promise you maximum productivity and flexibility. And deliver it for years to come.

Because, besides a choice of three mowers—center or hitchmounted for grooming, and rotary for rougher cutting—you get an almost endless choice of capacity-matched attachments: front loaders, tiller, disk, box scrapers, front and rear blades, even a posthole digger and a post driver.

Now, having that kind of choice is important. And so is knowing that all these are designed to attach quickly, without ever having to fabricate a fit or hope that someone else's attachment will work.

But most important of all are the tractors all those attachments attach to: John Deere 650 and 750 Task-Master™ Diesel Tractors.

They're high-clearance 14.5- and 18-PTO-hp tractors powered by fuel-slinging, long-lived diesel engines. On either model, standard features include 8 forward and 2 reverse speeds, 540-rpm rear power takeoff, differential lock, and a Category 1 3-point hitch. Plus options that include mechanical front-wheel drive, and traction-tread or high-flotation tires.

All features you expect to find only on much larger tractors.

And maybe best of all, they're priced right. Plus your John Deere dealer has a service and parts organization that understands what downtime can do to an owner who depends on his tractor for a living.

The John Deere 650 and 750 Compact Utility Tractors.

The tractors that give you big mowing capacity in a small size. And then go on to give you more.



Nothing Runs Like a Deere®

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*Maximum PTO hp measured at 2600 engine rpm for the 650, 2400 engine rpm for the 750, factory observed.

focused upon landscape spaces, conducive to communications, relaxation and efficiency. It was considered vital that the buildings and landscape be designed in concert.

The first goal was to set the crisp, international-style building into a contrasting, free form landscape. This was accomplished by large earth forms at the base of the building. Trees were massed in irregular groupings rather than in formal arrangements. Dark conifers provided contrast with the white facade of the building and Birch repeated the white vertical elements of the arcades around the courtyard. The landscape forms were further emphasized by shaping the parking areas into small bays to control and reduce the visual impact.

The second goal was to give visual prominence to the Employee Center, entrance fountain, and plant materials. The courtyard was placed four feet below the arcaded walkways with surrounding mounds rising three feet above the walkway. The fountain and courtyard were surrounded by Rhododendron, Pieris and Camellia which provide colorful contrast to the white building when in bloom.

Employee terraces were set into the earth, repeating the bowl effect of the entrance courtyard. Large stones, irregular pavements, broad steps, and angular concrete seatwells were used to emphasize intimacy of scale and closeness to landscape. Seasonal flowers add color to the spaces.

Plant materials were selected to match the constraints of soil quality and prevailing afternoon winds. Trees and shrubs on the perimeter of the site were selected for drought tolerance and for natural forms which would develop into a "fuzzy" enframement of the complex. The landscape adjacent to the buildings is neat with turfgrass dominating. Shrubs, primarily *Cotoneaster dammeri*, *Coprosma kirkii*, and *Raphiolepis sp.* were placed to give form to steep slopes, to emphasize heights of earth forms, and to provide seasonal variety in flower and color.

The contractor was the late Rudolf Watson of Watson and Associates, and the landscape archi-

tect was Royston, Hanamoto, Beck & Abey of Mill Valley, CA.

Nationwide Plaza

It was the expressed desire of Nationwide Insurance that their new home office plaza in Columbus, OH, be informal in character and reminiscent of the company's rural origin. The 1½-acre plaza was to include a meandering water course and pools, lawn areas for lounging, and ample opportunity for sitting.

The design for the Plaza is a hillside with a spring and resultant stream with waterfalls and pools. Wooded knolls and open glades are blended with functional walkways and plaza spaces.

Access ways are provided along the Tower and Pavilion while low walls separate the planted area from the spray of road salts along major roads. Terrace walls were designed for sitting, relieved at points with overhanging plant material. Inside this plaza frame, the composition is more rustic. Walls take on the character of exposed ledge and are constructed of natural split-faced granite. Near the top of the Plaza, a spring flows over the granite ledge into a pool. A stream leads from the pool and spills over a second outcrop of granite and into a large pool at the base of the hill adjacent to the main entrance.

While the urban environment places limitations on the choice of plant material, the composition of plantings is intended to be natural. Evergreen knolls frame the plaza on each side. A grove of birches punctuate the inside corner of the plaza, while a variety of shade trees and flowering trees surround the central lawn area. Along the water course, weeping shrubs and vines soften the rock edges. A variety of plants, including perennials, emphasize the stream course and weeping cherry trees overhang the waterfall at the base of the hill.

The landscape contractor was Site Improvement Co., Canal Winchester, OH. The landscape architect was Saski Associates, Inc., Watertown, MA.

Stanford Shopping Center

Mounting competition from regional shopping centers motivated

Stanford University to revitalize its 25-year-old shopping center in California.

The basic revitalization plan was to create a sequence of spaces. Free-standing, semi-enclosed arched porticos served as the main design device. The arch was both the architectural and landscape design symbol throughout the project.

Circular planters and circular brick paving patterns were introduced in close architectural relationship to the pipe columns which connected paving patterns with vertical architectural expression.

Visitors ramble in and out of covered glass arcades along varying widths of the mall, around rusticated modern columns, landscaping, fountains, hanging baskets, flowering pots, vine-colored trellises, sitting areas, and through large columns of pavilion display spaces. A vibrant environment was created from existing trees which were the foundation for the mall planter locations.

The landscape contractor was A & J Shooter, Inc., Mountain View, CA. The landscape architect was Fong & LaRocca Associates, San Francisco, CA.

Summary

The move away from formal garden areas to natural overall settings is complete. Cold open parking lots and noisy concrete walkways are giving way to rolling landscapes and greenery both outside and inside. The use of low-maintenance, local plant material is also firmly established for exterior landscapes. The growing awareness of energy conservation will push the inclusion of screening and insulating plant material.

Customers have a choice for shopping areas and will pick the better landscaped, more comfortable setting. Employees too are being considered more in corporate design plans as open landscape plans necessitate use of interior plants and remote settings outdoors for privacy.

The interior landscape has arrived and strengthened the investment in exterior landscaping. In December, award-winning interior landscapes will be featured. **WTT**