(Base label):

ISOXABEN	GROUP	21	HERBICIDE
DITHIOPYR	GROUP	3	HERBICIDE

# **Crew**<sup>™</sup> SPECIALTY HERBICIDE

For premergence control of I broadleaf and grassy weeds and early postemergence crabgrass in: Landscape ornamentals, established turfgrass (commercial and residential), ornamental and sports turf, golf course fairways, aprons and roughs, tee boxes, campgrounds, parks, recreation areas, cemeteries and unimproved turfgrass areas, and non-crop areas.

Not for sale, distribution or use in New York State

Border to Border Solution Low Odor Non-Staining Formulation Formulated for Use in Landscape Beds and Turfgrass

#### **Active Ingredients:**

isoxaben: N-[3-(1-ethyl-1-methylpropyl)-	
5-isoxazolyl]-2,6-dimethoxybenzamide	
and isomers	0.50%
dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-	
(2-methylpropyl)-6-(trifluoromethyl)-	
3,5-pyridinedicarbothioate	0.25%
Other Ingredients	99.25%
Total	100.00%

## **Keep Out of Reach of Children**

## **CAUTION PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### **Precautionary Statements**

**Hazards to Humans and Domestic Animals** 

## **CAUTION**

Harmful if absorbed through skin or inhaled.

Causes moderate eye irritation.

Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### **Personal Protective Equipment (PPE):**

Mixers, loaders, applicators, and other handlers must wear:

- Long sleeved shirt and long pants.
- Socks and shoes
- Waterproof gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **Engineering Controls**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### **User Safety Recommendations**

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### First Aid

**If on skin or on clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the Corteva Agriscience Emergency and Information Process line at 1-800-992-5994 day or night, for emergency treatment information.

#### **Environmental Hazards**

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

**Ground Water Advisory:** This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory:** This pesticide may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams and springs will reduce the potential load of isoxaben from run off water and sediment.

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area. **Pesticide Disposal:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed must be disposed of in a landfill approved for pesticide disposal or in accordance with applicable federal, state or local procedures.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures allowed by State and Local authorities.

Refer to the inside of label booklet for additional information including directions for use.

Read the entire label. Use only according to label directions. **Before using this product, read Warranty** Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call the Corteva Agriscience Emergency and Information Process line at 1-800-992-5994.

EPA Reg. No. 62719-742	EPA Est.
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Produced for Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268

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(cover):

ISOXABEN	GROUP	21	HERBICIDE
DITHIOPYR	GROUP	3	HERBICIDE

## Crew<sup>™</sup>

#### SPECIALTY HERBICIDE

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**NET WEIGHT** \_\_\_

(Page 1 through end):

### **Precautionary Statements**

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#### **Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

#### REFORMULATION OR REPACKAGING OF THIS PRODUCT IS PROHIBITED.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

#### Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Do not allow unprotected persons to enter treated areas until dusts have settled.

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area. **Pesticide Disposal:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed must be disposed of in a landfill approved for pesticide disposal or in accordance with applicable federal, state or local procedures.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or 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.

#### **Product Information**

Crew<sup>™</sup> specialty herbicide is a preemergent herbicide and will not control emerged weeds except for early stage crabgrass. Crew can be used for control of certain broadleaf weeds and annual grasses in landscape ornamentals, turfgrass and non-crop areas. Crew contains two selective herbicides that provide a broad spectrum of weed control. Numerous ornamental plants and most turfgrasses have shown good tolerance to Crew specialty herbicide. Apply in late summer to early fall, in early spring, or anytime prior to germination of target weeds.

#### **Weed Resistance Management:**

Crew, which contains the active ingredients isoxaben and dithiopyr are Group 21 and 3 herbicides, respectively, based on the mode of action classification system of the Weed Science Society of America. Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices.

The continued effectiveness of this product depends on the successful implementation of a weed resistance management program.

To aid in the prevention of developing weeds resistant to this product, users should:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Start with a clean field, using either a burndown herbicide application or tillage.
- For optimum control when using with post-emergence herbicides control weeds early when they are relatively small.
- Apply full rates of this product for the most difficult to control weed in the field at the specified time to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in control of weed species.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.
- Report any incidence of non-performance of this product against a particular weed to your local company representative, local retailer, or county extension agent.
- Contact your local company representative, crop advisor, or extension agent to find out if
  suspected resistant weeds to these MOAs have been found in your region. Do not assume that
  each listed weed is being controlled by multiple mode of action. Products with multiple active
  ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may
  be controlled by only one of the active ingredient in this product.
- If resistance is suspected, treat weed escapes with an herbicide having a mode of action other than Group 21 or Group 3 and/or use nonchemical methods to remove escapes, as practical, with the goal of preventing further seed production.
- Suspected herbicide-resistant weeds may be identified by these indicators:
  - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
  - A spreading patch of non-controlled plants of a particular weed species; and
  - Surviving plants mixed with controlled individuals of the same species.

Additionally, users should follow as many of the following herbicide resistance management practices as is practical:

- Use a broad spectrum herbicide with other mode of action as a foundation in a weed control program, if appropriate.
- Utilize sequential applications of herbicides with alternative modes of action.
- Rotate the use of this product with non-Group 21 and 3 herbicides.

- Avoid making more than two sequential applications of this product and any other Group 21 or 3
  herbicides within a single growing season unless mixed with an herbicide with a different mode of
  action with an overlapping spectrum for the difficult-to-control weeds.
- Incorporate non-chemical weed control practices, such as mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Use good agronomic principles that enhance crop development and crop competitiveness.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds.
- Manage weeds in and around fields to reduce weed seed production.

#### **Landscape Ornamentals Use**

#### **Landscape Application Instructions**

Apply Crew prior to weed seed germination in the early spring or fall or following a complete weed removal. Repeat application after three months (maximum residual) during the growing season. Apply Crew at 150 pounds per acre per application, with a maximum of two applications per year. Crew is not registered for use on vegetables, edible fruit bearing crops or bedding plants.

For optimum results remove established weed by handweeding, mechanical methods or with postemergence herbicides prior to application of Crew. If applied to new plantings, irrigate with water to settle and firm up soil around roots.

To ensure optimal herbicidal response, water treated areas within 21 days of application if rainfall is not expected. A single rainfall or sprinkler irrigation of 0.5 inch is often required to activate this product. Mulch can be applied either prior to or after application.

In order for Crew to provide maximum preemergent weed control activity, use the following cultural practices. Prior to application, the bed or soil surface should be smooth and free of plant and weed debris (decaying leaves, clippings, dead weeds, etc.). Leaves and debris may be removed by blowing the area to be treated or by thoroughly mixing the debris trash into the soil through cultivation prior to herbicide application.

#### **Specific Use Restrictions For Landscape Ornamentals:**

- **Do not** reapply at less than a 3 month interval on ornamentals.
- Do not apply Crew to newly transplanted ornamentals, groundcovers until soil has settled around the
  roots
- **Do not** apply while plants are producing a new flush of spring growth; tender, newly forming leaves are especially sensitive and may be injured by the herbicide.
- **Do not** apply to moist or wet foliage of ornamentals.
- Do not apply to plant types whose leaves channel the herbicide granules in the leaf base or crown area.
- **Do not** apply when extreme cold stress (35F or lower) is expected.
- **Do not** graze or feed forage from treated fields to livestock.
- **Do not** apply to vegetable or edible fruit bearing crops.
- Do not use on fruit trees that will bear fruit within one year of application. Non-bearing fruit trees are
  defined as trees including Citrus (oranges, grapefruit, etc.), pome fruits (apples, pears, etc) and stone
  fruits (cherries, peaches, etc.) which will not bear fruit for at least one year following application of
  Crew.
- Do not apply to bedding plants or flowering crops unless specified elsewhere on label
- **Do not** disturb the soil surface following application, as the herbicide barrier will be broken, resulting in less than desirable results

- Do not apply to bare roots of ornamental plants as injury may result
- **Do not** apply more than 150 pounds of this prouduct (0.375 lb dithiopyr and 0.75 lb isoxaben) per acre per application
- **Do not** apply more than 300 pounds of this product (0.75 pound dithiopyr and 1.5 pounds isoxaben) per acre per year
- Do not make more than 2 applications per year.

#### **List of Ornamentals Tolerant to Crew**

\* Not registered for use in California

#### **Trees**

## Common Name Scientific Name

apple (non-bearing) \*banana

birch, European white birch, river

cherry, yoshino flowering \*crabapple (non-bearing)

cypress, bald

\*cypress, filicoides-fernspray \*cypress, gracilis-slender hinoki

cypress, glauca Italian cypress, Italian

\*dogwood, cloud nine dogwood, flowering Elaeanus, gilt edge

Elaegnus, gilt edge elm, Chinese

\*Eucalyptus, silver dollar

\*Ficus, nitidia fir, fraser gum

\*hawthorn, green hemlock, Eastern laurel cherry, Carolina

laurel cherry, bright 'n tight Carolina

magnolia, D.D. Blanchard

magnolia, saucer \*magnolia, Southern maple, flame

maple, red sunset maple, silver or sugar

oak, laurel oak, live oak, pin oak, red oak, shumard oak, willow

palm, California fan palm, cardboard palm, Everglades

palm, king

Malus pumila
Musa aluminata
Betula pendula
Betula nigra
Prunus yedoensis
Malus sargentii
Taxodium distichum
Chamaecyparis obtusa
Chamaecyparis obtusa

Cupressus sempervirens 'Glauca'

Cupressus sempervirens

Cornus florida Cornus florida

Elaeagnus x ebbengei 'Gilt edge'

Ulmus parvifolia
Eucalyptus cinerea
Ficus retusa
Abies fraseri
Eucalyptus citriodora

Crataegus viridis Tsuga canadensis Prunus caroliniana Prunus caroliniana Magnolia grandiflora Magnolia soulangeana Magnolia grandiflora

Acer ginnala
Acer rubrum
Acer rubrum
Acer saccharinum
Quercus laurifolia
Quercus virginiana
Quercus palustris
Quercus rubra
Quercus shumardii
Quercus phellos

Chamaedorea costaricana Washingtonia robusta Zamia furfuracea Acoelorrhaphe whrightii

Archontophoenix cunninghamiana

palm, majesty

palm, Mediterranean fan palm, Mexican fan palm, pindo

palm, queen palm, queen palm, sago

palm, windmill pine, Austrian black

\*pine, beach, shore \*pine, bristlecone \*pine, Bosnian pine, Canary Island pine, columnar Scotch pine, Eastern white pine, eldarica

pine, Japanese black \*pine, loblolly \*pine, longleaf \*pine, Monterey pine, mugo pine, Ponderosa pine, pumilio mugo

pine, Scotch
\*pine, slash
pine, white
\*Podocarpus
redbud

redcedar, Eastern redwood, coast silk tree

sourwood

spruce, Colorado spruce, Colorado blue spruce, dwarf Alberta \*spruce, hoopsia blue \*spruce, koster blue

spruce, Norway

\*spruce, pendula-weeping Norway \*spruce, repens-spreading Norway

spruce, white

sweetgum, American sycamore, American sycamore, California tea tree, New Zealand

tea tree, ruby glow New Zealand

Yellowwood, long leafed

Ravenea rivularis Chamaerops humilis Washingtonia robusta Butia capitate 'Blue'

Areacastrum romanzoffianum Syagrus romanzoffianum

Cycas revoluta

Trachycarpus fortunei

Pinus nigra
Pinus contorta
Pinus aristata
Pinus leucodermis
Pinus canariensis
Pinus sylvestris
Pinus strobus
Pinus eldarica
Pinus taeda
Pinus palustris

Pinus radiata Pinus mugo Pinus ponderosa Pinus mugo var. pumilio

Pinus mugo var. pumilio Pinus sylvestris

Pinus sylvestris
Pinus elliotfii
Pinus strobus
Podocarpus spp.
Cercis canadensis
Juniperus virginiana
Sequoia sempervirens
Albizia julibrissin

Oxydendrum arboretum

Picea pungens

Picea pungens 'Glauca' Picea glauca 'Conica' Picea pungens 'Hoopsia' Picea pungens 'Koster'

Picea abies Picea abies Picea abies Picea glauca

Liquidambar styraciflua Platanus occidentalis Platanus racemosa

Leptospermum scoparium Leptospermum scoparium Podocarpus henkelii

#### Shrubs

#### **Common Name**

\*Abelia, Kaleidoscope \*Abelia, Edward goucher

\*Abelia, glossy \*Abelia, nana

\*Abelia, sunrise variegated

\*Acacia, abyssinica Acacia, prostrate \*Acacia, shoestring \*aralia, Japanese \*arborvitae, emerald

arborvitae, George Peabody \*arborvitae, minima glauca-dwarf arborvitae, nana-dwarf golden arborvitae, nigra-dark American

arborvitae, pyramidalis arborvitae, techny arborvitae, woodwardii

azalea, coral bells azalea, fashion azalea, flame

azalea, Girard's Crimson azalea, hershey red azalea, higasa azalea, hino crimson \*azalea, hot shot azalea, hybrids carror azalea, Nuccio's wild cherry azalea, Pride of Mobile \*azalea, wild cherry

barberry, crimson pygmy barberry, golden Japanese barberry, rose glow red

bearberry

banana shrub

\*bluebeard, blue mist bluebeard, dark knight

bottlebrush, lemon

bottlebrush, little John lemon

boxwood, common boxwood, green beauty boxwood, green mountain boxwood, Japanese little leaf \*Bougainvillea, purple queen \*Bougainvillea, rosenka Bougainvillea, Scarlet O'Hara broom, moonlight-Scotch cactus, golden barrel

camellia

\*Cleyera, Japanese

copper leaf

Cotoneaster, cranberry

#### **Scientific Name**

Abelia x grandiflora Acacia abyssinica Acacia redolens Acacia stenophylla Fatsia japonica Thuja occidentalis Thuja occidentalis Thuja orientalis aureus Thuja orientalis aureus Thuja occidentalis Thuia occidentalis Thuia occidentalis Thuja occidentalis Rhododendron exbury Rhododendron kerume

Rhododendron calendulaceum

Rhododendron spp.
Rhododendron spp.
Rhododendron satuski
Rhododendron kerume
Rhododendron spp.
Rhododendron spp.
Rhododendron spp.
Rhododendron spp.
Rhododendron spp.
Rhododendron spp.

Rhododendron spp.

Michelia figo

Berberis thunbergii var. atropurpurea 'Crimson Pygmy'

Berberis thunbergii 'Aurea'

Berberis thunbergii var. atropurpurea 'Rose Glow'

Arctostaphlos uva-ursi Caryopteris clandonensis

Carvopteris x clandonen 'Blk night'

Callistemon citrinus

Callistomen citrinus 'Little John'

Buxus sempervirens

Buxus microphylla var. japonica 'Green Beauty' Buxus microphylla var. japonica 'Green Mountain'

Buxus microphylla var. japonica Bougainvillea 'Purple Queen' Bougainvillea 'Rosenka' Bougainvillea spp. Cytisus scoparius Echinocactus grusonii

Camellia japonica Cleyera japonica Acalypha wilkesiana Cotoneaster apiculatus coyote bush crape myrtle \*cypress, kosteri

\*cypress, nana-dwarf hinoki

cypress, torulosa

\*Distylium, Vintage Jade dogwood, baileyi redosier

dogwood, flaviramea yellowtwig dusty miller

dusty miller Escallonia spp.

Euonymus, emerald gaiety
Euonymus, emerald 'n gold

Euonymus, Manhattan

Euonymus, silver king
\*Euonymus, sunspot
firethern, lalandei

firethorn, lalandei

flowering almond
Forsythia, border
Forsythia, Arnold dwarf
Forsythia, spring glory
fountain grass, purple
\*fringe flower, sizzling pin

\*fringe flower, sizzling pink

\*fringe flower, razzleberri \*Fuchsia, Santa Claus

*"Fucnsia,* San \*G*ardenia* 

Gardenia, August beauty \*Gardenia, miniature \*Gardenia, mystery Gardenia, radican

heather, Mediterranean pink

heather, purple bell

heavenly bamboo (nandina)
heavenly bamboo, compacta dwarf
\*heavenly bamboo, harbour dwarf
heavenly bamboo, nana compacta
\*heavenly bamboo, nana purpurea
\*heavenly bamboo, woods dwarf

\*Hebe, boxleaf Hibiscus, ross estey

holly, American \*holly, Balkans English

holly, blue boy holly, blue girl

holly, blue prince/princess

holly, burford holly, carrisa holly, cassine \*holly, China boy holly, China girl \*holly, Chinese

\*holly, compacta-compact inkberry holly, compacta-dwarf Japanese

\*holly, convexa
\*holly, dwarf burford
\*holly, dwarf Chinese
holly, ebony magic

Baccharis pilularis Lagerstroemia indica Chamaecyparis obtusa Chamaecyparis obtusa

Chamaecyparis obtusa Distylium, Vintage Jade

Cornus sericea
Cornus sericea
Senecio cineraria
Escalonia spp.
Euonymus fortunei
Euonymus fortunei

Euonymus kiatschovicus 'Manhattan'

Euonymus japonicus Euonymus fortunei

Pyracantha coccinea 'Lalandei'

Prunus gladulosa Forsythia x intermedia Forsythia x intermedia Forsythia x 'Spring glory'

Pennisetum setaceum 'Rubrum'

Lorpetalum chinense

Loropetalum chinense var. rubrum 'Razzlebern'

Fuchsia x "Santa Claus'
Gardenia jasminoides
Gardenia jasminoides
Gardenia jasminoides
Gardenia jasminoides
Gardenia jasminoides
Erica cinerea x darleyensa

Erica cinerea
Nandina domestica
Hebe buxifolia

Hibiscus rosa-sinensis

Ilex opaca
Ilex aquifolium
Ilex x meserveae
Ilex x meserveae
Ilex cornuta
Ilex cornuta
Ilex cassine
Ilex x meserveae
Ilex x meserveae
Ilex x meserveae

Ilex cornuta
Ilex glabra
Ilex crenata
Ilex crenata
Ilex cornuta
Ilex crenata
Ilex crenata
Ilex x meserveae

holly, fosteri
\*holly, gold coast English

\*holly, green luster

holly, helleri-heller's Japanese

holly, Japanese holly, needlepoint

holly, Nellie R. Stevens \*holly, nordica-inkberry

\*holly, San Jose holly, Savannah

holly, Sky Pencil Japanese holly, steeds Japanese \*holly, stokesii Japanese

\*hopseed bush

Indian hawthorn, ballerina

\*ixora

jessamine, Carolina

juniper

\*juniper, andorra
juniper, bar harbor
\*juniper, blue
juniper, blue chip
juniper, blue rug
juniper, blue star
juniper, broadmoor
\*juniper, creeping
\*juniper, dwarf andorra
juniper, emerald sea shore

juniper, gold coast

juniper, Grey Owl \*juniper, hollywood \*juniper, huntington blue \*juniper, media-old gold

\*juniper, nana-dwarf Japanese garden

juniper, parsonii \*juniper, pfitzer

juniper, pfitzerana glauca-blue juniper, pfitzerana-pfitzer juniper, plumosa-andorra juniper, prostrata

juniper, prostrata
\*juniper, sea green
\*juniper, shore

juniper, tamariscifolia-tam juniper, torulosa-hollywood juniper, wichita blue

laurel, mountain Leucothoe, drooping

\*lilac vine lily-of-the-valley

\*lily-of-the-valley, forest flame lily-of-the-valley, mountain fire \*Lonicera, Canadian white \*Lonicera, claveysis dwarf

\*Lonicera, claveysis \*Lonicera, halliana \*Lonicera, tatarian \*Lonicera, Zabelli Ilex x attenuata
Ilex aquifolium

llex crenata llex crenata llex crenata

llex cornuta

Ilex x 'Nellie Stevens'

llex glabra llex x aquipernyi llex x attenuata

Ilex crenata 'Sky Pencil' Ilex crenata 'Steeds' Ilex crenata 'Steeds' Dodonea viscosa

Rhaphiolepsis indica 'Ballerina'

Ixora collinea

Gelsemium sempervirens

Juniper spp.

Juniperus horizontalis
Juniperus horizontalis
Juniperus squamata
Juniperus horizontalis
Juniperus horizontalis
Juniperus squamata
Juniperus sabina
Juniperus horizontalis
Juniperus horizontalis
Juniperus conferta

Juniperus chinensis 'Gold Coast'

Juniperus virginiana
Juniperus chinensis
Juniperus horizontalis
Juniperus chinensis
Juniperus procumbens
Juniperus squamata
Juniperus chinensis
Juniperus chinensis
Juniperus chinensis
Juniperus horizontalis
Juniperus prostrata
Juniperus chinensis
Juniperus chinensis
Juniperus conferta
Juniperus sabina

Kalmia latifolia

Juniperus chinensis

Juniperus scopulorum

Leucothoe fontanesiana Hardenbergia violacea

Pieris japonica

Pieris x 'Forest Flame'

Pieris japonica Lonicera japonica Lonicera japonica Lonicera japonica Lonicera japonica Lonicera japonica Mandevilla, red riding hood

maple, amur maple, Japanese marguerite, blue

\*nightshade, Paraguay

oleander

oleander, hardy red \*oleander, ruby lace Osmanthus, sweet olive

palm, sago Photinia, fraser pine, mugo

Pittosporum, golf ball

Pittosporum, green

Pittosporum, wheeler's dwarf Potentilla (cinquefoil) Potentilla, goldfinger plumbago, blue cape \*princes flower \*privet, California privet, glossy privet, Japanese privet, wax

privet, vicary golden privet, yellow tip Pyracantha, gnome Pyracantha, lalandei \*Pyracantha, victory Pyracantha, victory quince, orange flowering

\*Rhaphiolepis, enchantress-moness

\*Rhododendron, butterfly Rhododendron, catawba

Rhododendron, cunningham white

Rhododendron, PJM

Rhododendron, rhodie max (rosebay)

\*rose, red groundcover

\*rose, ramanas

\*rose of sharon, red bird \*rose of sharon, red heart \*rose of sharon, woodbridge

rose of sharor rosemary rosemary, bog Scenecio

scopulorum, moonglow scopulorum, skyrocket smoke tree, Grace smoke tree, royal purple

snow-in-summer

Spirea, Anthony Waterer

Spirea, dolchia Spirea, garland

\*sweetspire, Henry's garnet Viburnum, Am. Cranberrybush \*Viburnum, Chinese snowball Viburnum, spring bouquet Mandevilla splendens 'Red Riding Hood'

Acer ginnala Acer palmatum Felicia amelloides

Solanum rantonetii 'Royal purple'

Nerium oleander Nerium oleander Nerium oleander Osmathus fragrans Cycas revoluta Photinia x fraseri Pinus mugo var. mugo

Pittosporum tenufolia 'Golf Ball'

Pittosporum tobira
Pittosporum tobira
Pittosporum tobira
Potentilla fruticosa
Potentilla fruticosa
Plumbago ariculata
Tibouchina urvilleana
Ligustrum ovalifolium
Ligustrum lucidum
Ligustrum japonicum
Ligustrum japonicum
Ligustrum x vicaryi

Ligustrum x vicaryi
Ligustrum japonicum
Pyracantha koidzumii
Pyracantha koidzumii
Pyracantha fortuneana
Pyracantha koidzumii
Chaenomeles japonica
Rhaphiolepis indica

Rhododendron campylocarpum Rhododendron catawbiense

Rhododendron caucasium x ponticum Rhododendron carolinianum x daurium

Rhododendron maximum Rosa x 'Flower carpet'

Rosa rugosa

Hibiscus syriacus
Hibiscus syriacus
Hibiscus syriacus
Rosmarinus officinalis
Andromeda polifolia
Scenecio kleinia
Juniperus scopulorum
Juniperus scopulorum
Cotinus coggygria obovatus

Cotinus coggygria Cerastium tomentosum

Spiraea x bumalda 'Anthony Waterer'

Spiraea japonica Spirea spp. Itea virginica Viburnum trilobum

Viburnum microcephalum Viburnum tinus 'Compactum' wax myrtle
Weigela, java red
\*witch hazel, common
wintercreeper, bigleaf

woadwaxen

Xylosma

yaupon holly

\*yaupon holly, nana-dwarf
\*yaupon holly, pendula-weeping

yew, hybrid Hicksii yew, Japanese

Myrica caiifornica
Weigela florida bristol
Hamamelis virginiana
Euonymus vegetus
Genista pilosa
Xylosma congestum
Ilex vomitoria
Ilex vomitoria

Taxus x media 'Hicksii'
Taxus cuspidata

## Groundcovers/Perennials Common Name

#### Agave, blue glow Agave, cow horn Agave, tentacles aralia, Japanese aster, China banana, absynnian

beechgrass blackeyed susan blanket flower

\*blanket flower, goblin blood grass, Japanese Carex, variegated \*cast iron plant century plant, gypsum \*Chrysanthemum species

columbine

Coreopsis, moonbeam

\*daisy, shasta daisy, trailing African

daylily

*Dianthus*, cheddar pink 'firewitch' \**Dianthus*, cheddar pink 'crimson

treasure'

\*Dianthus, cottage pink

\*dracaena, blue \*eulalia grass fern, *Asparagus* \*fern, autumn fescue, blue

flax, New Zealand 'Jack Spratt'

\*fountain grass

\*fountain grass, chrimson

\*Galium

gay feather, floristan violet

*Gazania* geranium

\*Helichrysum, white licorice

\*heliotrope, common honeysuckle, Japanese *Hosta*, albo-marginata

#### Scientific Name

Ilex vomitoria

Agave attenuate x Agave ocahui

Agave bovicornuta
Agave vilmoriniana
Fatshedra japonica
Callistepheus chinensis
Ensete ventricosum
Ammophila breviligulata
Rudbeckia fulgida
Gaillardia x grandifloria

Gaillardia x grandiflora 'Goblin' Imperata cylindrical 'Rubra'

Carex spp.
Aspidistra elatior
Agave gypsophila
Chrysanthemum spp.
Aquilegia x 'Dragon fly'

Coreopsis verticillata 'Moonbeam' Chrysanthemum maximum Osteospermum fruticosum

Hemerocallis spp.

Dianthus gratianopolitanus 'Firewitch'

Dianthus gratianopolitanus 'Treasure'

Dianthus plumaris
Cordyline indiyisa
Miscanthus sinensis
Asparagus spp.
Dryopteris erythrosora
Festuca ovina glauca

Phormium tenax 'Jack Spratt' Pennisetum alopecuroides Pennisetum setaceum Galium ordoratum

Liatris spicata 'Floristan Violet'

Gazania spp.

Pelargonium x hortorum

Helichrysum petiolare 'White licorice'

Heliotropium fragrans Lonicera japonica Hosta lancifoila \*Hosta, zebelli red

\*ice plant

\*ice plant, hardy ice plant, largeleaf \*ice plant, trailing ice plant, trailing rosea

ice plant, white

Iris

\*Iris, African
\*Iris, dwarf blue
\*Iris, wedgewood

Iris, yellow dwarf bearded

\*ivy, Algerian ivy, English

\*jasmine, angelwing jasmine, Asian \*jasmine, pink \*lily, fortnight \*lily, kafir lily of the nile

\*lily of the nile, queen anne

\*lily turf, big blue \*lily turf, giant

lily turf, green/creeping lily turf, lilac beauty lily turf, majestic lily turf, monroe white \*lily turf, silver dragon lily turf, silvery sunproof lily turf, variegated liriope

\*lily turf, white maiden grass

\*manuka/broom teatree

\*Mexican hat mondo grass mondo grass, dwarf pampas grass pampasgrass, hardy \*Ponstomon, apple bl

\*Penstemon, apple blossom

periwinkle, dwarf

\*plantain lily, narrow leafed

ribbon grass sage, Russian society garlic spurge, Japanese

spurge, Japanese 'Green sheen'

star clusters
\*Verbena, veined
\*Virginia creeper

yarrow \*yucca, red Hosta lancifoila
Delosperma cooperi
Drosantheumum hispidum
Delosperma nubigenum
Carpobrotus edulis
Lampranthus spectabilis
Drosanthemum floribundum

Delosperma alba Iris siberica Moraea iridioides

*Iris* spp. *Iris* spp.

Iris pumila 'Yellow' Hedera canariensis Hedera helix Jasminum nitidum

Trachelospermum asiaticum Jasminum polyanthum

Dietes vegeta

Clivia miniata 'French hybrid' Agapanthus africanus Agapanthus 'Peter pan' Agapanthus africanus Liriope muscari

Liriope muscari Liriope gigantea Liriope spicata Liriope muscari Liriope muscari Liriope muscari Liriope spicata Liriope muscari Liriope muscari Liriope gigantea

Miscanthus sinensis 'Gracillimus' Leptospermum scoparium

Ratbida columnifera
Ophiopogon japonicus
Ophiopogon japonicus
Cortaderia selloana
Erianthus ravennae

Penstemon x 'Apple blossom'

Vinca minor Hosta lancifoila

Phalaris arundinacea picta Perovskia atriplicifolia Tulbaghia violacea Pachysandra terminalis

Pachysandra terminalis 'Green sheen'

Pentas lanceolata Verbena rigida

Parthenocissus quinguefolia

Achillea spp.

Hesperaloe parvifolia

<sup>\*</sup>Not registered for use in California

#### Treatment of Ornamental Species Not Listed on the Label for Crew Herbicide

When applied as directed under the conditions described on this label, ornamentals listed above have shown tolerance in field trials. However, Crew has not been tested on all cultivars of each species or under all possible growing conditions. Under your growing conditions, a limited number of plants should be treated for tolerance evaluations, prior to initiating large-scale applications. Follow directions given below to determine plant tolerance under your growing conditions prior to large scale use.

Users who wish to use Crew on plant species not specified on this label may determine the suitability for use by treating a small number of such plants at the specified rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury for 30 to 60 days of normal growing conditions to determine if the treatment is safe to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of Crew on plant species not recommended on this label.

#### Do NOT Use this Product for Weed Control in the Following Ornamental Plant Species:

#### **Common Name**

bugleweed or ajuja

mustard

purple coneflower

dwarf burning bush

spurge hydrangea candytuft

Prince of Wales juniper

cajeput tree

Carolina rhododendron

roseum elegans rhododendron

stonecrop green yucca

#### **Scientific Name**

Ajuja spp.

Brassica spp.

Echinacea purpurea

Euonymus alatus 'Compacta'

Euphorbia spp. Hydrangea spp.

Iberis spp.

Juniperus horizontalis 'Prince of Wales'

Melaleuca quinquenervia Rhododendron caroliniaum

Rhododendron catawbiense 'Roseum elegans'

Sedum spp. Yucca recurvifolia

### **Turfgrass Use**

Crew provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds in established lawn and ornamental turfgrass, turfgrass in sports turf, golf course fairways, aprons and roughs, tee boxes, campgrounds, parks, recreation areas, cemeteries and unimproved turfgrass areas. Crew will prevent germination of annual bluegrass (*Poa annua*).

Crew may be applied as a single application or as a split application in the spring, summer or fall. Apply Crew at 150-200 pounds per acre per application prior to weed seed germination or to control crabgrass prior to the 5 leaf stage of growth or first tiller. This product will not control established weeds, except for crabgrass in early stages of development. Used as directed, this product will control or suppress the annual grass and broadleaf weeds listed on this label when applied prior to their emergence. Use the higher specified use rates where weed infestations are or anticipated to be dense and/or applications are made early and longer residual control is desirable. Sequential applications may be used to provide residual weed control in areas with long growing seasons at 5-10 weeks apart.

#### **Use Precautions for Turf**

• For best results, cultural practices that disturb the soil, such as core, spike, hydro-aerification, or verticutting, and topdressing should be done before application of Crew. Crew should not be applied

- until turfgrasses have recovered from stresses related to these or other mechanical operations. Irrigation or rainfall within 7 days after application will improve the performance of Crew.
- Reseeding or Sprigging: Reseeding, overseeding, or sprigging of turfgrasses into areas that have been previously treated with this product should be delayed until 12 weeks from the time of application. If overseeding with perennial ryegrass, delay overseeding at least 8 weeks after application. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed-to-soil contact.
- Crew may be used on seeded, sodded, or sprigged turfgrass that is well established. Allow the turf to
  develop a good root system and uniform stand before application. The use of Crew on turfgrass not
  well established, weakened by lack of moisture, chemical injury, insects, disease, or temperature
  extremes that cause stress will increase the potential for injury. Allow turfgrass weakened by these
  stresses to recover before application of Crew.
- Crew may be applied as a single application or as a split application in the spring, summer or fall.

#### **Specific Use Restrictions for Turf**

- **Do not** use on turf being grown for sale or other commercial use as sod, or for commercial seed production, for research purposes.
- Do not use Crew on golf course putting greens.
- Do not apply Crew to Colonial bentgrass.
- Crew will not affect established annual bluegrass. If maintenance of annual bluegrass is desired, do
  not use Crew during time of annual bluegrass germination. For AZ, CA, NV, OR, WA, NM, ID, MT
  and UT, Crew may contribute to thinning or stand reduction in established stands of annual bluegrass.
- **Do not** use clippings from treated turf for mulching around edible plants of herbs, vegetables, fruit bearing trees, caneberries or vine bearing fruit.
- Do not allow domestic animals to feed or forage on the treated turf or clippings from treated turf.
- Do not apply more than 200 pounds of Crew (0.5 pound dithiopyr and 1 pound isoxaben) per acre per application
- **Do not** make more than 3 applications per year at the 200 lb rate or a max of 4 applications per year at the 150 lb rate for a total of 600 pounds of Crew per acre per year
- **Do not** apply more than 600 pounds of this product (1.5 pounds dithiopyr and 3 pounds isoxaben) per acre per year

When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

#### **Cool-Season Grasses**

bentgrass, creeping † Agrostis stolonifera
bluegrass, Kentucky
fescue, fine †† Festuca rubra
fescue, tall
ryegrass, perennial
Agrostis stolonifera
Poa pratensis
Festuca rubra
Festuca arundinacea
Lolium perenne

#### **Warm-Season Grasses**

bahiagrass Paspalum notatum
bermudagrass Cynodon dactylon
buffalograss Buchloe dactyloides
carpetgrass Axonopus affinis
centipedegrass Eremochloa ophiuroides

kikuyugrass Pennisetum clandestinum seashore paspalum Paspalum vaginatum St. Augustinegrass Stenotaphrum secundatum

zoysiagrass Zoysia japonica

<sup>†</sup> **Do not apply Crew to Colonial bentgrass.** Use of this product on certain varieties of creeping bentgrass, such as 'Carmen', 'Cohansey', or 'Seaside' will result in undesirable turf injury. Not all varieties of creeping bentgrass have been tested.

<sup>††</sup> The following fine fescue varieties have been found to be sensitive to Crew: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf', and 'Waldina'

#### Poa Annua (annual bluegrass) Control

Apply Crew for preemergence control of *Poa annua* (annual bluegrass) at a rate of 150-200 lbs per acre. Use the higher specified use rates where weed infestations are expected to be dense and/or applications are made early and longer residual control is desirable.

Perennial varieties of Poa annua (var. repens) may not be controlled as well as the true annual.

#### Treatment of turfgrass species not listed on the label for Crew

When applied as directed under the conditions described on this label, turfgrass listed above have shown tolerance in field trials. However, Crew has not been tested on all cultivars of each species or under all possible growing conditions. Under your growing conditions, a limited number of plants should be treated for tolerance evaluations, prior to initiating large-scale applications. Follow directions given below to determine plant tolerance under your growing conditions prior to large scale use.

Users who wish to use Crew on turfgrass species *Not* listed on this label may determine the suitability for use by treating a small number of such plants at a directed rate. Prior to treatment of large areas, the treated plants should be observed for any signs of herbicidal injury for 30 to 60 days of normal growing conditions to determine if the treatment is safe to the target turfgrass species. To the extent consistent with applicable law, the user assumes responsibility for any plant damage or other liability resulting from use of Crew on plant species not recommended on this label.

#### **Non Cropland Applications**

Crew may be applied as a preemergent for the control of certain broadleaf weeds and annual grasses on non-cropland areas including: Parking areas, industrial sites, utility substations, highway guardrails, sign posts, and delineators.

Apply Crew in early spring, late summer to early fall, or anytime prior to germination of target weeds at 150 to 200 lb/A. Areas to be treated must be free of established weeds or existing weeds.

Existing weeds must be removed or treated with the application of a postemergence herbicide. Use the higher specified use rates where weed infestations are or anticipated to be dense and/or applications are made early and longer residual control is desirable.

In order for Crew to provide maximum preemergent weed control activity, use the following cultural practices. Prior to application, soil surface should be smooth and free of plant and weed debris (decaying leaves, clippings, dead weeds, etc.). Leaves and debris may be removed by blowing the area to be treated or by thoroughly mixing the debris trash into the soil through cultivation prior to herbicide application.

To ensure optimal herbicidal response rainfall or irrigation should occur within 21 days of application. A single rainfall or sprinkler irrigation of 0.5 inch is often required to activate this product. Mulch can be applied either prior to or after application.

#### **Specific Use Restrictions For Non Cropland Applications**

• **Do not** apply more than 200 pounds of Crew (0.5 pound dithiopyr and 1 pound isoxaben) per acre per application

- **Do not** make more than 3 applications per year at the 200 lb rate or a max of 4 applications per year at the 150 lb rate for a total of 600 pounds of Crew per acre per year
- Do not apply more than 600 pounds of this product (1.5 pounds dithiopyr and 3 pounds isoxaben) per acre per year

#### Weeds Controlled or Supressed and Application Directions for All Uses

# WEEDS CONTROLLED WHEN APPLIED AT 150 POUNDS OF CREW (0.375 POUND DITHIOPYR AND 0.75 POUND ISOXABEN) PER ACRE

## **Broadleaf Weeds Common Name**

#### **Scientific Name**

aster, heath Symphyotrichum ericoides Symphyotrichum divaricatum aster, slender bittercress Cardamine spp. bittercress, little Cardamine oligosperma Cardamine hirsuta bittercress, hairy brassbuttons, southern Cotula australis bursage, annual Ambrosia acanthicarpa burweed, lawn Soliva pterosperma Ranunculus spp. buttercup carpetweed Mollugo verticillata carrot, wild Daucus carota Apium leptophyllum celery, wild Phyllanthus urinaria chamber-bitter chickweed, common Stellaria media

chickweed, mouseear Cerastium fontanum ssp. vulgare

clover, spp.¹ Trifolium spp.
clover, hop Trifolium aureum
clover, white¹ Trifolium repens
cudweed, purple Gnaphalium purpureum
dandelion¹ Taraxacum officinale
dichondra, Carolina¹ Dichondra carolinensis

eclipta Eclipta prostrata

fiddleneck, coast
Amsinckia menziesii va. intermedia
filaree, redstem
Erodium cicutarium

fleabane, blackleaved
fleabane, dwarf
foolsparsely
galinsoga, hairy
geranium, Carolina

Conyza bonariensis
Conyza ramosissima
Aethusa cynapium
Galinsoga quadriradiata
Geranium carolinianum

groundcherry, lanceleaf *Physalis angulata* henbit *Lamium* spp.

knotweed, prostrate
lambsquarters, common
lespedeza, common
lettuce, prickly
mallow, common
mallow, little
marestail

Polygonum aviculare
Chenopodium album
Lespedeza striata
Lactuca serriola
Malva neglecta
Malva parviflora
Conyza canadensis

mayweed, chamomile Anthemis cotula medic, black Medicago lupulina

morningglory, ivyleaf

mustard mustard, wild nightshade, black oxalis, buttercup parsley-piert pennywort

pepperweed, Virginia pigweed, redroot pineappleweed parthenium weed plantain, bracted plantain, broadleaf plantain, buckhorn plantain, slender pokeweed, common purslane, common

radish, wild

ragweed, common rocket, London

rockpurslane, redmaids

sida, prickly shepherdspurse

sibara

smartweed, Pennsylvania

sorrell, red sowthistle, annual speedwell, corn speedwell, purslane speedwell, thymeleaf spurge, garden spurge, hyssop spurge, prostrate spurge, spotted spurry, corn sweetclover, yellow

tansymustard, green telegraphplant thistle, Russian

willowherb woodsorrel, creeping woodsorrel, yellow

<sup>1</sup>From seed only

Brassica spp. Sinapis arvensis Solanum nigrum Oxalis pes-caprae Alchemi/la arvensis Hydrocotyle spp. Lepidium virginicum

Amaranthus retroflexus

Matricaria matricarioides

Ipomoea hederacea

Parthenium hysterophorus Plantago aristata Plantago major Plantago lanceolata Plantago heterophylla Phytolacca americana Phytolacca americana Raphanus raphanistrum Ambrosia artemisiifolia

Sisymbrium irio Calandrinia ciliata Sida spinosa

Capsella bursa-pastoris

Sibara virginica

Polygonum pensylvanicum

Rumex acetosella Sonchus oleraceus Veronica arvensis Veronica peregrina Veronica serpyllifolia Euphorbia hirta

Chamaesyce hyssopifolia Euphorbia humistrata Chamaesyce maculata Spergula arvensis Melilotus officinalis

Descurainia pinnata ssp. brachycarpa

Heterotheca grandiflora

Salsola tragus Epilobium spp. Oxalis corniculata Oxalis stricta

#### **Grassy Weeds Common Name**

barley barnyardgrass bluegrass, annual

brome

crabgrass, large crabgrass, smooth crabgrass, Southern

#### **Scientific Name**

Hordeum spp.

Echinochloa crus-galli

Poa annua Bromus spp.

Digitaria sanguine/is Digitaria ischaemum Digitaria ciliaris

crabgrass, tropical Digitaria argillacea
crowfootgrass Dactyloctenium aegyptium
dallisgrass¹ Paspalum dilatatum
goosegrass Eleusine indica
foxtail, giant Setaria faberi
foxtail, green Setaria verdi
foxtail, yellow Setaria pumila
kikuyugrass Pennisetum clandestinum

kikuyugrass Pennisetum clandestinum
Mary's grass Microstegium vimineum
oats, wild Avena fatua
ryegrass annual Lolium multiflorum

ryegrass annual Lolium multiflorum ryegrass, perrenial Lolium pereene sandbur Cenchrus spp. smutgrass Sporobolus indicus

# WEEDS CONTROLLED WHEN APPLIED AT 200 POUNDS OF CREW (0.5 POUND DITHIOPYR AND 1.0 POUND ISOXABEN) PER ACRE

Common Name Scientific Name

burclover, California Medicago polymorpha dogfennel Eupatorium capillifolium

eveningprimrose Oenothera spp.
fescue, rattail Vulpia myuros
filaree, whitestern Erodium moschatum
goosefoot, nettleleaf Chenopodium murale
groundsel, common Senecia vulgaris
jimsonweed Datura stramonium

knotweed, silversheath Polygonum argyrocoleon

kochia Kochia scoparia
mullein, turkey Croton setigerus
nettle, burning Urtica urens
oxtongue, bristly Picris echiodes

parthenium weed Parthenium hysterophorus

pimpernel, scarlet
sowthistle, spiny
spurge, petty
sunflower
swinecress
swinecress
thistle, musk

Anagallis arvensis
Sonchus asper
Euphorbia peplus
Helianthus spp.
Coronopus didymus
Carduus nutans

# WEEDS SUPPRESSED WHEN APPLIED AT 200 POUNDS OF CREW (0.5 POUND DITHIOPYR AND 1.0 POUND ISOXABEN) PER ACRE

Common NameScientific Namebindweed, fieldConvolvulus arvensisdock, curlyRumex crispusmallow, VeniceHibiscus trionummilkweed, honeyvineCynanchum leavemorningglory, tallIpomoea purpureapusley, FloridaRichardia scabra

#### **APPLICATION INSTRUCTIONS**

<sup>&</sup>lt;sup>1</sup>From seed only

Apply Crew using a drop or rotary-type spreader designed to apply granular fertilizer. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first. When using a drop-type spreader, a splashboard mounted below the release point will provide more even granule distribution.

- For treating smaller areas or ornamental beds, a hand held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.

#### **Broadcast Application Rates**

Apply Crew at a broadcast rate of 150 lb (0.375 lb dithiopyr and 0.75 lb isoxaben) per acre (3.44 lb/1000 sq ft) in landscape ornamental applications or at a broadcast rate of 150 lb (0.375 lb dithiopyr and 0.75 lb isoxaben) to 200 lb (0.5 lb dithiopyr, 1.0 lb isoxaben) per acre (3.44 to 4.59 lb/1000 sq ft) in turfgrass applications.

**Broadcast Application Rates (dry weight)** 

Rate	Amount/1000 sq ft		Amount	/100 sq ft
lb/Acre	lbs	quarts	ounces	cups
150	3.44	1.88	5.50	0.75
200	4.59	2.51	7.34	1.00

<sup>1</sup> ounce = 28.35 grams

#### Spreader Settings as a Guide for Calibration

**Note:** These settings are provided as a suggested starting point in calibrating each individual spreader. Since no two spreaders are alike, these settings are not intended to be used as absolute recommendations by Corteva Agriscience or the spreader manufacturer.

Push or Walk Behind		Rate		
Spreader Brand	Model	3.44 lb/1000 sq ft	4.59 lb/1000 sq ft	
Lesco Rotary	091186	11.7	13.6	
Lesco Drop	092474	17.6	19.4	
The Anderson's	2000	L 1/4	M 3/4	
Earthway	EV-N-SPRED	17.5	21.4	

Estimates are based on a speed of 3 mph.

Hand Held Spreader			Walking Speed (mph)		
Brand	Model	Setting	3.44 lb/1000 sq ft	4.59 lb/1000 sq ft	
Solo Spreader	421S	#6	2.5	2.0	

Estimates are based on a cranking RPM of 55 to 60. Cranking faster or slower than this will affect volume and coverage.

#### **Terms and Conditions of Use**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

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Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent permitted by law, Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application or other factors, all of which are beyond the control of Dow AgroSciences or the seller. To the extent permitted by law, all such risks shall be assumed by buyer.

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- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of product used.

To the extent permitted by law, Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

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