



**PBI-GORDON**  
PROFESSIONAL  
PRODUCT  
CATALOG

**2020 EDITION**



## FUNGICIDES

Kabuto®	3
Pedigree	3
Segway®	3
Tekken™	3
<b>INTRODUCING</b> Union™ *	3

## INSECTICIDES

Zylam® Liquid	4
---------------	---

## HERBICIDES – SELECTIVE

### PRE-EMERGENT

Barrier®	4
Bensumec™ 4 LF	4
Tupersan®	4

### POST-EMERGENT

Avenue™ South	5
Barrier®	5
Katana®	5
Mecomec® 4	5
Ornamec® 170	6
Ornamec® Over-The-Top	6
PowerZone®	6
Q4® Plus	6
SpeedZone®	7
SpeedZone® Southern EW	7
Surge®	7
Super Trimec®	7
Trimec® 1000	8
Trimec® 992	8
Trimec® Bentgrass	8
Trimec® Classic	8
Trimec® Encore®	9
Trimec® Southern	9
TZone™ SE	9
<b>INTRODUCING</b> Vexis® *	9

## HERBICIDES – NON-SELECTIVE

GlyphoMate® 41	10
Pronto® Vegetation Killer	10

## GROWTH REGULATOR

Atrimmec®	10
-----------	----

## IRON

Ferromec®	11
Ferromec® AC	11

## SPECIALTY PRODUCTS

Spred-Rite® G	11
TransFilm®	11

## AGRICULTURAL PRODUCTS

Brushmaster®	12
SuperBrush™ Killer	12
Hi-Dep®	12
Orchard Master®	12
Orchard Master® CA	12



**INTRODUCING**

## **UNION™ FUNGICIDE SC\***

SEE PAGE 3

*\*Pending state registrations.*



**INTRODUCING**

## **VEXIS® HERBICIDE GRANULAR\***

SEE PAGE 9

*\*Pending state registrations.*



## KABUTO<sup>®</sup> FUNGICIDE SC

- Provides excellent control of Spring dead spot
- Provides preventative and curative control of dollar spot
- Inhibits all stages of development in the fungal lifecycle
- Ideal as part of a resistance management program

**RATES** ▶ See label for specific rates

**Package Sizes:** 21.8 fl. oz., 1 gal.



## PEDIGREE FUNGICIDE SC

- Excellent control of brown patch, fairy ring, leaf and sheath spot, and other listed diseases
- Labeled for golf courses, residential and commercial properties, and sports fields
- Proprietary chemistry and the active ingredient Flutolanil
- Protection lasts 7 to 28 days depending on the level of disease pressure

**RATES** ▶ See label for specific rates

**Package Sizes:** 2.5 gal.



## SEGWAY<sup>®</sup> FUNGICIDE SC

- Provides preventative and curative control of all stages of Pythium development
- Controls Pythium root dysfunction, Pythium blight, Pythium damping-off, and Pythium root rot
- Proven highly effective in university and real-world trials

**RATES** ▶ See label for specific rates

**Package Sizes:** 39.2 fl. oz.



## TEKKEN<sup>™</sup> BROAD SPECTRUM FUNGICIDE

- Provides excellent control of dollar spot, brown patch, anthracnose, leaf spot, fairy ring, and 16 other listed diseases
- One application rate controls all listed diseases
- Performance lasts for up to 28 days

**RATES** ▶ 3 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 gal., 2.5 gal.

**INTRO-  
DUCING**



## UNION<sup>™</sup> FUNGICIDE SC\*

Currently being registered with the U.S. Environmental Protection Agency, Union will:

- Unite two powerful active ingredients for broad-spectrum disease control in turfgrass
- Deliver exceptional control of listed patch diseases and all four Pythium diseases
- Save time, labor, and money over tank mixing
- Be labeled for use on all cool- and warm- season turfgrasses

**RATES** ▶ See label for specific rates

**Package Sizes:** 2.5 gal.

\*Pending state registrations.



## ZYLAM® LIQUID SYSTEMIC INSECTICIDE

- Rapid control of damaging tree and shrub insects
- Translaminar and locally systemic control of foliar pests when applied to leaves
- Excellent alternative to tree injection

**RATES** See label for specific rates

**Package Sizes:** 1 qt., 1 gal.

## PRE-EMERGENT



## BARRIER® ORNAMENTAL LANDSCAPING HERBICIDE

- Season-long pre- and post-emergence control of labeled weeds
- Controls weeds around trees, shrubs, and many non-crop areas
- Ideal for application under mulch

**RATES** See label for specific rates

**Package Sizes:** 50 lb. bag



## BENSUMEC™ 4 LF PREEMERGENT GRASS & WEED HERBICIDE

- Prevents *Poa annua* in fall; prevents crabgrass, goosegrass, and other listed weeds in spring
- Ideal for greens, tees, and bentgrass fairways
- Up to 4 months residual control; excellent turfgrass tolerance

**RATES** See label for specific rates

**Package Sizes:** 2.5 gal.



## TUPERSAN® HERBICIDE WETTABLE POWDER

- Pre-emergent herbicide that can be applied any time prior to weed germination
- Labeled for use on bentgrass greens, zoysiagrass, and most cool-season grasses
- Ideal for use in hydroseeding and chemigation systems

**RATES** See label for specific rates and turf species

**Package Sizes:** 4 lb. bag, 50 lb. box



### AVENUE™ SOUTH BROADLEAF HERBICIDE FOR TURFGRASS

- Formulated for warm-season turfgrasses, including Floratam and other improved St. Augustinegrass
- Fast broadleaf control with rapid visual response
- Controls more than 90 listed broadleaf weeds

**RATES** ▶ See label for specific rates

**Package Sizes:** 1 gal., 2.5 gal., 30 gal. drum



### BARRIER® ORNAMENTAL LANDSCAPING HERBICIDE

- Season-long pre- and post-emergence control of labeled weeds
- Controls weeds around trees, shrubs, and many non-crop areas
- Ideal for application under mulch

**RATES** ▶ See label for specific rates

**Package Sizes:** 50 lb. bag



### KATANA® TURF HERBICIDE

- Excellent control of *Poa annua*, grassy and broadleaf weeds, and sedges
- More active in cooler temperatures than competitive products
- Labeled for Bermuda, zoysia, centipede, seashore paspalum, and buffalo grasses

**RATES** ▶ See label for specific rates

**Package Sizes:** 5 oz.



### MECOMEC® 4 TURF HERBICIDE

- MCPP-p formulation for enhanced clover control in turfgrass
- Excellent control of tough weeds that develop in closely mown turf
- Cost-effective means of enhancing other herbicides

**RATES** ▶ See label for specific rates

**Package Sizes:** 2.5 gal.

⚠ NOTICE: This product can expose you to diethanolamine, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**ORNAMEC® 170  
GRASS HERBICIDE**

- Controls unwanted grasses in landscape beds and groundcovers
- Eliminates hand-weeding to save labor costs
- Selective control to reduce risk to ornamental plants

**RATES** See label for specific rates

**Package Sizes:** 1 qt.

⚠ NOTICE: This product can expose you to flauzifop butyl, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**ORNAMEC® OVER-THE-TOP  
GRASS HERBICIDE  
(WITH AQUA-ZORB® CA NONIONIC SURFACTANT)**

- Selectively controls annual grasses and select perennial grasses
- For nursery and landscape use on more than 500 plant species
- Use on and around transplants and newly emerging ornamentals

**RATES** See label for specific rates

**Package Sizes:** 1 qt.

⚠ NOTICE: This product can expose you to flauzifop butyl, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**POWERZONE®  
BROADLEAF HERBICIDE FOR TURF**

- Non-2,4-D alternative for broadleaf weed control
- Effective, fast-acting, cool-weather performance
- Rainfast in 3 hours; Reseed in 2 weeks

**RATES** Most cool-season turfgrass: 1.3 to 1.8 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 0.75 to 1.5 fl. oz./1,000 sq. ft.

**Package Sizes:** 2.5 gal.



**Q4® PLUS  
TURF HERBICIDE FOR GRASSY & BROADLEAF WEEDS**

- Rapid grassy and broadleaf weed control – including nutsedge
- Excellent warm-weather weed control
- Fast visual response; Reseed in 7-14 days

**RATES** Most cool-season turfgrass: 2.6 to 3.0 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 1.8 to 2.6 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 qt., 1 gal., 2.5 gal., 30 gal. drum



### **SPEEDZONE® BROADLEAF HERBICIDE FOR TURF**

- Outstanding broadleaf weed control
- Also controls goosegrass
- Effective, fast-acting, cool-weather performance
- Rainfast in 3-4 hours; reseed in 1 week

**RATES** ▶ Most cool-season turfgrass: 1.1 to 1.8 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 0.75 to 1.5 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 gal., 2.5 gal., 30 gal. drum, 275 gal. tote



### **SPEEDZONE® SOUTHERN EW BROADLEAF HERBICIDE FOR TURF**

- Fast, effective control of more than 75 broadleaf weeds
- New emulsion formulation (emulsion in water formulation)
- Highly selective in established warm- and cool-season turfgrass
- Visible activity in hours; plant death can occur within 7 to 14 days

**RATES** ▶ Most cool-season turfgrass: 1.5 to 2.2 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 0.7 to 1.5 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 gal., 2.5 gal., 30 gal.



### **SURGE® BROADLEAF HERBICIDE FOR TURF**

- Rapid control of broadleaf weeds
- Up to 2X faster than other amine products
- Economical – lower cost water-based formulation

**RATES** ▶ Most cool-season turfgrass: 1.2 to 1.5 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 1.0 to 1.2 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 gal., 2.5 gal., 30 gal. drum



### **SUPER TRIMEC® BROADLEAF HERBICIDE**

- Dependable control of tough broadleaf weeds
- Formulated for optimum cool-weather performance
- Use in early spring, late fall, and for mid-summer spot treatments

**RATES** ▶ Most cool-season turfgrass: 0.75 to 1.1 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 gal., 2.5 gal.





## TRIMEC® 1000 LOW ODOR BROADLEAF HERBICIDE

- Mixed-amine formula controls deep-rooted perennial weeds
- Resists crystallization on the leaf for improved performance
- Rainfast in 8 hours; Reseed in 3 weeks

**RATES** ▶ Most cool-season turfgrass: 0.66 to 1.5 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 1.1 to 1.5 fl. oz./1,000 sq. ft.

**Package Sizes:** 2.5 gal., 30 gal drum, 55 gal. drum

⚠ NOTICE: This product can expose you to diethanolamine, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## TRIMEC® 992 BROADLEAF HERBICIDE

- Economical control of a wide range of broadleaf weeds
- Lawn-applcator formula offers reliable weed control
- Formulated for use in warm- and cool-season grasses

**RATES** ▶ Most cool-season turfgrass: 0.66 to 1.5 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 1.1 to 1.5 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 qt., 2.5 gal., 30 gal. drum, 55 gal. drum, 275 gal. tote



## TRIMEC® BROADLEAF HERBICIDE BENTGRASS FORMULA

- Superior broadleaf weed control
- Formulated to minimize risk to bentgrass and buffalograss
- Effective in a wide temperature range: 50°F - 85°F

**RATES** ▶ Cool- and warm-season turfgrass: 1.1 to 1.5 fl. oz./1,000 sq. ft.

**Package Sizes:** 2.5 gal.



## TRIMEC® CLASSIC BROADLEAF HERBICIDE

- No. 1 preferred product for professional broadleaf weed control
- Proven effective on millions of acres of turf
- Synergistic action for low cost-per-acre

**RATES** ▶ See label for specific rates

**Package Sizes:** 1 gal., 2.5 gal.



### TRIMEC® ENCORE® BROADLEAF HERBICIDE

- Effective MCPA formulation where 2,4-D is not an option
- Proven broad-spectrum broadleaf weed control for lawns
- Labeled for both warm- and cool-season turfgrasses

**RATES** ▶ Most cool- and warm-season turfgrass: 1.1 to 1.5 fl. oz./1,000 sq. ft.  
Closely mown bentgrass: 1.0 fl. oz./1,500 sq. ft.

**Package Sizes:** 2.5 gal.



### TRIMEC® SOUTHERN BROADLEAF HERBICIDE FOR SENSITIVE SOUTHERN GRASSES

- Formulated specifically for sensitive warm-season turfgrasses
- Effective broad-spectrum broadleaf weed control
- Economical formulation for clover, chickweed, and other listed broadleaf weeds

**RATES** ▶ Most cool-season turfgrass: 0.75 to 1.1 fl. oz./1,000 sq. ft.  
Most warm-season turfgrass: 0.37 to 0.55 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 qt., 1 gal., 2.5 gal.



### TZONE™ SE BROADLEAF HERBICIDE FOR TOUGH WEEDS

- Fastest triclopyr combo on the market
- Controls more than 60 tough broadleaf weeds
- Visible results in hours

**RATES** ▶ Most cool-season turfgrass: 1.2 to 1.5 fl. oz./1,000 sq. ft.  
Most dormant warm-season turfgrass: 0.75 to 0.83 fl. oz./1,000 sq. ft.

**Package Sizes:** 1 qt., 1 gal., 2.5 gal., 30 gal. drum

**INTRO-  
DUCING**



### VEXIS® HERBICIDE GRANULAR\*

- Provides exceptional control of listed sedges and kyllingas, plus listed broadleaf weeds
- Features proprietary new active ingredient pyrimisulfan
- Granular formulation reduces the potential for drift or off-target application
- Apply to wet or dry turf

**RATES** ▶ See label for specific rates

**Package Sizes:** 2 lb. shaker can, 15 lb. bag

\*Pending state registrations.



## **GLYPHOMATE® 41** **WEED & GRASS KILLER** *plus* **AQUATIC HERBICIDE**

- Non-selective control of more than 200 weeds, grasses, and brush species
- All-in-one herbicide for aquatic and terrestrial uses
- Rainfast in 6 hours

**RATES** See label for specific rates

**Package Sizes:** 1 gal.



## **PRONTO®** **VEGETATION KILLER**

- Eliminates and prevents unwanted vegetation for a full season
- Low-odor formula
- Use in gravel lots, driveways, fencerows, etc.

**RATES** Total vegetation control: 18.0 fl. oz./1,000 sq. ft.  
Brush control 36.0 fl. oz./gal. of water

**Package Sizes:** 1 gal., 2.5 gal.



## **ATRIMMEC®** **PLANT GROWTH REGULATOR**

- Slows growth of hedges, shrubs, trees, and groundcovers
- Reduces trimming, pruning, and cleanup maintenance by 50% or more
- Reduces nuisance flower and fruit formation

**RATES** See label for specific rates

**Package Sizes:** 1 qt., 1 gal.

**NON-SELECTIVE HERBICIDES**  
**GROWTH REG**



## FERROMEK® LIQUID IRON 15-0-0

- Economical choice to promote fast green-up in turf and ornamentals
- Corrects chlorosis due to unavailability of iron
- Green-up in 12 to 48 hours without flushes of growth

**RATES** ▶ See label for specific rates

**Package Sizes:** 2.5 gal., 30 gal. drum, 55 gal. drum, 275 gal. tote



## FERROMEK® AC LIQUID IRON 15-0-0

- Iron/nitrogen/sulfur combination promotes plant vigor
- Promotes green-up in 12 to 48 hours without flushes of growth
- Compatible with most turf care products

**RATES** ▶ See label for specific rates by turf type

**Package Sizes:** 2.5 gal., 30 gal. drum, 55 gal. drum, 275 gal. tote



## SPRED-RITE® G GRAVITY-FLOW GRANULE SPREADER

- Width adjustable from 2 inches to 3 feet; weighs just 6 ounces
- No moving parts – No metal parts
- Ideal for applying fertilizers, pre-emergent herbicides, and ice-melt products



## TRANSFILM® ANTI-TRANSPIRANT

- Improves plant survival during extreme conditions
- Protects shrubs, trees, and golf greens from winter desiccation
- Reduces water loss of plants from transpiration

**RATES** ▶ See label for specific rates

**Package Sizes:** 1 gal., 2.5 gal., 30 gal. drums

⚠ NOTICE: This product can expose you to diethanolamine, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## BRUSHMASTER® HERBICIDE

- Controls brush, vines, and broadleaf weeds without harming grasses when used as directed
- Penetrates and translocates to kill roots and prevent regrowth
- Broadcast, cut-surface, and stump treatment applications

**RATES** See label for specific rates

**Package Sizes:** 1 qt., 1 gal.



## SUPERBRUSH™ KILLER

- Superior brush, vine, tree, and broadleaf weed control
- Highly concentrated ester formulation
- Ideal for fence lines, ditch banks, roadsides, and around buildings

**RATES** See label for specific rates

**Package Sizes:** 1 gal.



## HI-DEP® BROADLEAF HERBICIDE

- Post-emergent control of more than 120 broadleaf weeds
- High-deposition makes it ideal for low-volume applications
- Resists crystallization, allowing more active ingredients to enter the weed

**RATES** See label for specific rates

**Package Sizes:** .5 gal., 2.5 gal., 30 gal. drum, 275 gal. tote



## ORCHARD MASTER® BROADLEAF HERBICIDE

- Controls tough broadleaf weeds in fruit and nut orchards
- Resists crystallization on leaf surface
- Low-odor, mixed-amine formulation

**RATES** See label for specific rates

**Package Sizes:** 2.5 gal.



## ORCHARD MASTER® CA BROADLEAF HERBICIDE

- Controls tough broadleaf weeds in fruit and nut orchards
- Resists crystallization on leaf surface
- Low-odor, mixed-amine formulation

**RATES** See label for specific rates

**Package Sizes:** 2.5 gal.

⚠ NOTICE: This product can expose you to diethanolamine and ethylene glycol, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# NOTES





Employee-Owned

22701 W 68th Terrace  
P.O. Box 014090  
Shawnee KS 66226

800.884.3179 • [PBIGordonTurf.com](http://PBIGordonTurf.com)

The information provided in this reference guide is provided for general information purposes only. It is a violation of Federal Law for a product to be used in any manner inconsistent with its labeling. It is the responsibility of the end-user to read and follow the label and comply with all federal, state, and local laws and regulations relating to the use of such products.

Not all products listed are available for purchase or authorized for use in every state. In addition, some states, counties, and cities may require special licensing and training to sell, purchase, or apply some of the products presented in this reference guide. It is the responsibility of the distributor, retailer, or applicator to verify, before product sale/purchase, that the product is approved for the use intended in their state, county, and city.

Atrimmec®, Barrier®, Brushmaster®, Checkered Flag/Label Design®, Encore®, Ferromec®, GlyphoMate®, Gordon's®, Hi-Dep®, Launch®, Mecomec®, Orchard Master®, Ornamec®, PowerZone®, Pre-San®, ProForm®, Pronto®, Q4®, SpeedZone®, Spred-Rite®, Surge®, TransFilm®, Trimec®, Vexis®, and Zylam® are registered trademarks of PBI-Gordon Corporation.

Avenue™, Bensumec™, SuperBrush™, Tekken™, TZone™, and Union™ are trademarks of PBI-Gordon Corporation.

Tupersan® is a registered trademark of Gowan Company, LLC.

Kabuto®, Katana®, and Segway® are registered trademarks of Ishihara Sangyo Kaisha, LTD.

©2019, PBI-Gordon Corporation, ALL RIGHTS RESERVED

12/19 05697