

TRUSTED FOR CHAMPIONSHIPS

#### ABOUT US



Quali-Pro® has been a leader in the development of

innovative and post-patent formulations, offering turf professionals the green industry's widest array of active ingredients. As one of the 40 global brands that make up ADAMA, Quali-Pro, a brand of Control Solutions, is proud to represent the company's global approach to innovation, product development and the strictest standards of environmental protection and quality control. Quali-Pro offers lawn care professionals, sports turf managers and golf course superintendents in the United



States and around the world unique and proprietary formulations backed by university research and the full support of our sales and technical leaders. These formulations keep golf courses, lawns, landscapes, nurseries, sport fields greenhouses and other general maintenance areas looking and playing their best.

#### **About Control Solutions Inc.**

Control Solutions, Inc. is a leading mid-size chemical manufacturer located in Houston, Texas. We specialize in formulating, and producing solutions that protect health, food, and property within various professional and consumer industries here in the United States of America. Specifically, Control Solutions tailors products to meet the needs of customers in the Professional Pest Control Market, the Turf & Ornamental Market, the Production Animal Market, and Consumer Lawn, Garden, and Household product market.

Control Solutions Inc, also known as CSI, was founded in 1998 by Mark Boyd who remains part owner, CEO and President of the company. The family-oriented culture that he developed over 20 years ago remains today! While our footprint has grown, and our team has developed, our number one focus remains on you, the customer. Every day, the employees of CSI come to work hoping to have a meaningful impact in the industries in which we serve.

Quali-Pro is a proud sponsor and active participant in the following industry associations:

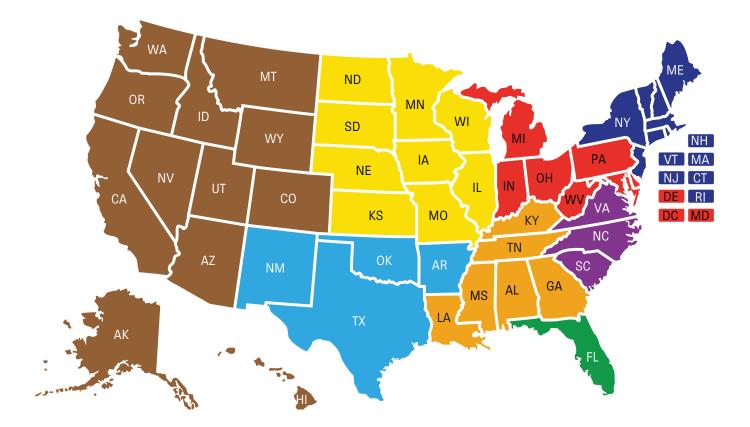














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#### HERBICIDES



A 3-way post-emergent herbicide with MCPP to enhance weed control efficacy.

- Powered by a 3-way combination of active ingredients for dependable broadleaf weed control
- Kills weeds, not the lawn
- Rainproof in 30 minutes



A selective combination preemergent herbicide for the control of grass and broadleaf weeds in established turfgrasses

- Applied year round
- Stops weeds at germination before they grow
- Controls over 150 weeds



#### SMOKESHOW

A water soluble dry flowable formulation for selective postemergent weed control in Bermudagrass.

- 2 modes of action
- Post emergent application flexibility to newly emerged weeds
- Labeled for control of over 60 weeds in turf



Delivers cost-effective control of broadleaf and grassy weeds in labeled warm-season turfgrasses.

- One bottle treats one acre. No more complicated dilution ratios.
- Produces results in temperatures as low as 50 degrees.
- Controls weeds faster with two different modes of action.



A unique dual powered postemergent sulfonylurea herbicide for weed control in Bermudagrass and Zoysiagrass.

- Provides the broadest spectrum of control within the ALS inhibitor class of chemistry.
- Low-odor formulation that's excellent for commercial and public applications.



A non-selective, pre- and postemergent herbicide that provides long lasting residual control of grass and broadleaf weeds.

- Broad spectrum pre- and postemergent weed control
- Long residual pre-emergent control in beds and bare ground areas
- Mix with glyphosate or glufosinate for quick knockdown with residual control in and around established landscape plants

## HERBICIDES

HERBICIDES	MODE OF Action	WSSA Group	PRODUCT FEATURES	CASE Pack	RATE RANGE	COMPARATIVE Brand
<b>2-D</b> 33% Triclopyr, 12.1% Clopyralid	Post-emergent	4	Labeled for turf, golf courses (fairways only) and non-crop areas. Controls annual and perennial broadleaf weeds in established turfgrass. *See label for specific state restrictions.	4 x 1 gal	1-2 pts/acre	Confront®
<b>2DQ</b> 40% 2.4-D, 4.21% Dicamba, 3.3% Quinclorac	Post-emergent	4	Labeled for golf courses, residential and commercial turf, athletic fields, sod farms and non-crop areas. A three-way herbicide utilizing the active ingredient Quinclorac to provide superior control of annual and perennial broadleaf weeds.	2 x 2.5 gal	1-3 pts/acre	Escalade°, Millenium°Ultra 2, Trimec°
<b>3-D</b> 30.56% 2, 4-D, 8.17% Mecoprop-p, 2.77% Dicamba	Post-emergent	4	For selective broadleaf weed control in turf grass on golf courses and sod farms. Also for use in non-crop areas such as highways and rights-of-way.	2 x 2.5 gal 30 gal drum 250 gal tote	2-2.5 pts/acre on warm season turf; 3-4 pts/ acre on cool season turf	Triplet°, Trimec°
<b>3-D Foam</b> 30.56% 2, 4-D, 8.17% Mecoprop-p, 2.77% Dicamba	Post-emergent	4	Post-emergent spot treatment on ornamental turf, golf courses, parks, sports fields, turfgrass, lawns, fence rows, hedge rows, ditches, around buildings, driveways, sidewalks, cartpaths, pavers, patios, retaining walls, and other similar areas where broadleaf weeds may grow. Kills the weed, not the grass.	6 x 15 ounce	Spot treatment	Proprietary Product
Dithiopyr 2EW 22% Dithiopyr	Pre- emergent	3	Labeled for established lawns, commercial sod farms, ornamental and sports turf, container/field grown ornamentals, landscape ornamentals, non-cropland, natural areas and Christmas trees. Controls grasses and broadleaf weeds in labeled areas.	4 x 1 gal	1-2 pts/acre	Dimension®
<b>Expel</b> 39.6% Sulfentrazone	Post-emergent	14	Labeled for Commercial/Residential Cool & Warm-Season Grass, Athletic Fields, Commercial Sod Farms, Golf Courses. Controls yellow/purple nutsedge and green kyllinga in as little as 1 to 2 days.	6 x 1 qt	4 – 12 fl oz per acre	Dismiss®
Fahrenheit 33% Dicamba 5% Metsulfuron-methyl	Post-emergent	4,2	Labeled for St. Augustinegrass, Bermudagrass, Centipedegrass and Zoysiagrass. Water soluble granule herbicide for the control of broadleaf and grassy weeds in labeled warm-season turfgrasses.	6 x 6 ounce	3-12 ounces/acre Maximum 12 oz/year	No comparative brand
<b>Flumishield SC</b> 42% Flumioxazin	Pre- and Post- emergent	14	Labeled for dormant bermudagrass on golf courses and sod farms; around established woody ornamentals in landscapes, container and field grown conifers and deciduous trees. Non-crop areas around buildings, fencerows, gravel surfaces, driveways, ground mats and pads.	12 x 8 oz 4 x 64 oz	8-12 ounces/acre	SureGuard® SC
<b>Glyphosate Plus</b> 41% Glyphosate	Post-emergent	9	Labeled for nursery, greenhouse, landscape, turf, non-crop areas and golf courses. Post- emergent, non-selective broadleaf weed control herbicide.	2 x 2.5 gal 30 gal drum	1-5 qts/acre	Roundup <sup>®</sup> Pro, Razor® Pro
<b>MSM Turf</b> 60% Metsulfuron Methyl	Post-emergent	2	Labeled for turf, golf courses, conifer plantations, non-crop areas and vegetation management. Selective control of annual and perennial weedy grasses and broadleaf weeds.	4 x(4 x 2 oz) 8 x 8 oz	0.5-1.0 oz /acre	Manor®
Negate <sup>®</sup> 37WG 16.67% Rimsulfuron, 20% Metsulfuron methyl	Post- emergent	2	Labeled for golf courses, sod farms, professionally managed college and professional sports fields, industrial, commercial and residential lawns. Outstanding post-emergent grass and broadleaf weed control.	6 x 1.5 oz	1.5 oz/acre	Proprietary Product
<b>Oxadiazon 2G</b> 2% Oxadiazon	Pre- emergent	14	Labeled for nursery, landscape and turf. Selective pre-emergent herbicide for the control of annual grasses and broadleaf weeds in turf and woody ornamentals, shrubs, vines and trees.	50 lb bag	100-200 lbs/acre	Ronstar®
<b>Oxadiazon SC</b> 34.4% Oxadiazon	Pre- emergent	14	Labeled for landscape, turf (non-residential) and golf courses. Pre-emergent control of annual grasses and broadleaf weeds in non-residential turf, conifer nurseries and ornamentals including residential landscape ornamental beds.	2 x 2.5 gal	80.6-122 fl oz/acre	Ronstar® FLO
<b>Prodiamine 4L</b> 40.8% Prodiamine	Pre- emergent	3	Labeled for nursery, landscape, turf, trees and golf courses. Convenient liquid formulation. Low use rates provide efficient, season-long control of crabgrass, Poa annua, goosegrass and key annual broadleaf weeds.	2 x 2.5 gal	10-48 fl oz/acre	Barricade® 4L
Prodiamine 65 WDG 65% Prodiamine	Pre- emergent	3	Labeled for nursery, landscape, turf, trees, golf courses and vegetation management. Pre- emergent broadleaf and grassy weed control. Low solubility and volatility. Allows for spring and fall use on crabgrass.	6 x 5 lb	0.5-2.3 lbs/acre	Barricade® 65 WG
<b>Prodoxaben G</b> 0.40% Prodiamine 0.25% Isoxaben	Pre-emergent	3, 21	Labeled for established turfgrasses (excluding golf course putting greens), lawns and sod nurseries, ornamentals, non-crop areas including rights-of-way for transportation systems, and Christmas tree farms. Controls over 150 types of listed broadleaf and grassy weeds.	50 lb bag	100 lbs/acre	Crew™
<b>Prodoxaben SC</b> 23.3% Prodiamine 15.5% Isoxaben	Pre-emergent	3, 21	Labeled for established turfgrasses (excluding golf course putting greens), lawns and ornamentals, conifer and hardwood seedling nurseries, non-crop areas, non-grazed fence rows, and Christmas tree farms. Controls over 150 types of listed broadleaf and grassy weeds.	4 x 1 gal	21 fl oz/acre	Crew™
<b>Quinclorac 1.5L</b> 18.92% Quinclorac	Post-emergent	4	Labeled for residential lawns, commercial establishments, golf courses, military and other institutions, parks, athletic fields. For the control of crabgrass and a wide variety of annual grasses and broadleaf weeds.	4 x 1/2 gal	64 fl oz/acre Note: for creeping bentgrass consult label	Drive XLR8®
Quinclorac 75 DF 75% Quinclorac	Post-emergent	4	Labeled for turf and golf courses. Post-emergent broad spectrum control of annual grasses and broadleaf weeds including crabgrass, clover, dandelion and bindweed.	6 x 1 lb	1 lb/acre Note: for creeping bentgrass consult label	Drive®
Rimsulfuron 25 DF 25% Rimsulfuron	Post-emergent	2	Labeled for turf and non-industrial areas. For outstanding control in spring transition and fall non-overseeded warm season turf.	6 x 5 oz 4 x 15 oz	0.5-2 oz/acre	TranXit®
<b>Smokeshow</b> 27% Metribuzin 18% Sulfentrazone	Post-emergent	5, 14	Labeled for golf course rough and fairways, residential and commercial lawns, athletic fields. For control of crabgrass, dallisgrass, goosegrass, sandbur, sedges and over 50 other weeds.	2 x 5 lb	8oz11oz/acre broadcast 6oz-30oz/acre spot application	No Comparative Product
<b>SedgeMaster</b> 75% Halosulfuron-methyl	Pre- and post- emergent		Labeled for turfgrasses (established lawns, ornamental turfgrass, landscaped areas, commercial/ residential turfgrass), other non-crop sites (including golf courses, landscaped areas, public recreation areas, residential property, roadsides, sod or turf seed farms, sports fields, landscaped areas with established woody ornamentals). Pre- and post-emergent control of broadleaf weeds and nutsedge.	4 x 1.33 oz	2/3-11/3 ounce/acre	Sedgehammer
<b>T/I 2.5 G</b> 2% Trifluralin, 0.5% Isoxaben	Pre- emergent	3,21	Labeled for nursery, landscape, non-crop areas, ornamentals and conifer trees. Pre-emergent herbicide for certain broadleaf weed and annual grass control.	50 lb bag	100-200 lbs/acre	Snapshot®

#### **FUNGICIDES**



Get the effective disease control, resistance management and superior value your turf deserves with one convenient product.

- Fast-acting and long-lasting disease protection.
- Controls a broad spectrum of fungal pathogens at the same time.
- Provides outstanding value per acre.



Powered by a naturally-occurring active that delivers reliable, broad-spectrum control of several key turf diseases.

- Provides complete coverage from the leaf down to the soil surface.
- Triggers fungal spores to rapidly absorb water until they burst.
- Derived from a naturally-occurring anti-fungal compound of soil bacteria.



Preventive contact fungicide for golf course use that provides control of multiple diseases.

- Contains 4.17 pounds of fluazinam per gallon.
- Unique multi-site contact active ingredient, with no known resistance.
- Excellent control of dollar spot, brown patch and leaf spot.



A combination of two broad spectrum, preventative and curative fungicides with systemic properties for the control of many turfgrass diseases.

- May be applied by drop or rotary broadcast granular spreaders.
- All markets can easily use without making a complete tank mix.
- Smaller sport turf facilities that do not have large spray equipment, now have an affordable means to treat most common turf diseases.

## FUNGICIDES

FUNGICIDES	MODE OF ACTION	FRAC Code	PRODUCT FEATURES	CASE Pack	RATE RANGE	COMPARATIVE Brand
<b>Boscalid</b> 70% Boscalid	Systemic broad- spectrum	7	Labeled for golf courses, greenhouse, recreational areas and outdoor ornamentals. Halts the development of dollar spot and dead spot.	10 x 0.49 lb	Turf: 5.7-8.00lbs/acre Ornamental: 4-8lbs/100 gal	Emerald®
<b>Chlorothalonil DF</b> 82.5% Chlorothalonil	Contact broad- spectrum	M05	Labeled for nursery, greenhouse, trees, irrigation and golf courses. Features preventative disease protection with multi-site activity which means no resistance with repeated use.	2 x 10 lb	Turf: 5-8.8 lbs/acre Ornamental: 1-2.5 lb/100 gal	Daconil® Ultrex®
<b>Chlorothalonil 720 SFT</b> 54% Chlorothalonil	Contact broad- spectrum	M05	Labeled for nursery, greenhouse, landscape, irrigation and golf courses. Features preventative disease protection with multi-site activity, which means no resistance with repeated use.	2 x 2.5 gal	Turf: 5.5-9.7 pts/acre Ornamental: 1.37 pt/100 gal	Daconil® Weather Stik®
<b>ENCLAVE</b> <sup>*</sup> 28.7% Chlorothalonil, 9.4% Iprodione, 9.4% Thiophanate methyl, 2.8% Tebuconazole	Contact and systemic broad spectrum	M05,2,1,3	Labeled for turf, golf course, trees, greens, aprons and fairways. Also labeled for greenhouse, nursery and landscape ornamentals. Formulated for reduced phyto potential. First fungicide with synergistic Quad-Control Technology™.	2 x 2.5 gal	Turf: 3-8 oz/1000 ft² Ornamental: 32-44 oz/100 gal	Proprietary Product
<b>FLEX-GUARD</b> 40% Fluazinam	Contact and broad spectrum	29	Labeled for golf courses only. Tees, greens, fairways and roughs. Provides control of multiple diseases including dollar spot, brown patch and leaf spot.	2 x 1 gal	Turf: 1/2 oz/1000 ft²	Secure®
Fosetyl-Al 80 WDG 80% Aluminum tris	Systemic broad- spectrum	P07	Labeled for nursery, greenhouse, turf and golf courses. Delivers long- lasting, broad-spectrum preventative control of diseases in turf, ornamentals and bedding plants.	4 x 5.5 lb	Turf: 4-8 oz/1000 ft <sup>2</sup> Ornamental: 2.5-5 lbs/100 gal	Aliette® WDG, Aliette® Signature
<b>Gateway</b> 34.5% Cyazofamid	Flowable	21	Labeled for golf courses (greens, tees and fairways), sod farms, seed farms, sport fields, residential and commercial lawns to control Downy Mildews, Pythium blight, Pythium damping-off, Pythium root dysfunction, Pythium root rot	4 x 20 oz	Turf: 0.45-0.9 oz/1000 ft²	Segway®
<b>Ipro 2</b> 23.8% Iprodione	Systemic broad- spectrum	2	Used for control of spring, summer, fall and winter diseases on nonresidential turf located on golf courses, sod farms and institutional areas where fine turf is grown, and on non-residential ornamental flowers and foliage plants grown in field and landscape nurseries or greenhouses, and in conifer nurseries.	2 x 2.5 gal	Turf: 4-8 oz/1000 ft² Ornamental: 1-2.5 qts/ acre	Chipco 26019
<b>Mefenoxam 2 AQ</b> 22.5% Mefenoxam	Systemic	4	Labeled for nursery, greenhouse, landscape, turf, trees and irrigation. Water-based formulation features low odor. Provides up to three weeks of protection.	6 x 1 qt 2 x 1 gal 2 x 2.5 gal	Turf: 0.2-1 oz/1000 ft² Ornamental Drench: 0.2-1.0 oz/100 gal	SubdueMaxx®
Myclobutanil 20 EW T&O 19.7% Myclobutanil	Systemic broad- spectrum	3	Labeled for greenhouse, landscape, turf and golf courses. The systemic solution for curative and preventative control of fungal diseases in turfgrass, ornamentals and fruit trees.	2 x 1 gal	Turf: 1-2.4 oz/1000 ft² Ornamental: 6-12 oz/ 100 gal	Eagle®
<b>Pendant SC</b> 11.8% Fludioxonil	Contact broad- spectrum	12	For control of certain foliar, stem, and root diseases in turfgrass: golf courses, institutional, commercial and residential lawns, sod farms, sports fields, parks, municipal grounds and cemeteries.	2 x 1 gal	Turf: 0.75-2.0 oz/ 1000 ft²	Medallion <sup>®</sup> SC
<b>Propiconazole 14.3</b> 14.3% Propiconazole	Systemic broad- spectrum	3	Labeled for nursery, landscape, turf, trees, golf courses and tree injection. Microemulsion formula for less odor, better tank stability and excellent plant coverage. Broad spectrum control.	4 x 1 qt 2 x 1 gal 2 x 2.5 gal	Turf: 0.5-4 oz/1000 ft² Ornamental: 2-24 oz/100 gal	BannerMaxx®
<b>Strobe<sup>®</sup> 50WG</b> 50% Azoxystrobin	Systemic broad- spectrum	11	Broad spectrum preventative fungicide with systemic and curative properties for control of diseases in turfgrass and ornamentals. First post-patent Azoxystrobin.	2 x 6 lb 6 x 1 lb	Turf: 0.2-0.4 oz/1000 ft² Ornamental: 1-8 oz/ 100 gal	Heritage®
<b>Strobe<sup>°</sup> 2L</b> 22.9% Azoxystrobin	Systemic broad- spectrum	11	Liquid formulation, broad spectrum preventative fungicide with systemic and curative properties for control of diseases in turfgrass and ornamentals. First post-patent Azoxystrobin.	2 x 1 gal	Turf: 0.38-1.35 oz/ 1000 ft <sup>2</sup> Ornamental: 1.9-7.7 oz/100 gal	Proprietary Product
<b>Strobe<sup>®</sup> Pro</b> 6% Azoxystrobin 10% Propiconazole	Systemic broad- spectrum	11,3	Combination of two broad spectrum, preventative and curative fungicides with systemic properties for the control of many important turfgrass diseases on residential, commercial, parks, athletic fields and golf courses. Compatible with many commonly used fungicides, liquid fertilizers, herbicides and insecticides.	2 x 1 gal	Turf: 0.75-3.0 oz/ 1000 ft²	Headway®
<b>Strobe<sup>*</sup> Pro G</b> 0.31% Azoxystrobin 0.75% Propiconazole	Systemic broad- spectrum	11,3	Combination of two broad spectrum, preventative and curative fungicides with systemic properties for the control of many important turfgrass diseases on residential, commercial, parks, athletic fields and golf courses.	30 lb bag	Turf: 2-4 lb /1000 sq ft <sup>2</sup>	Headway® G
<b>Tebuconazole 3.6F</b> 38.7% Tebuconazole	Systemic broad- spectrum	3	Labeled for nursery, landscape, turf (non-residential) and golf courses. Excellent preventative and curative control on a broad spectrum of disease pathogens. Rapid uptake in turf provides up to three weeks of residual disease control.	4 x 1 gal	Turf: 0.6 oz/1000 ft² Ornamental: 4-10 oz/ 100 gal	Torque®
<b>TM 4.5 Flowable</b> 46.2% Thiophanate Methyl	Systemic broad- spectrum	1	Labeled for nursery, greenhouse, landscape, turf, trees, irrigation and golf courses. Systemic, preventative protection against major turf and ornamental diseases.	2 x 2.5 gal	Turf: 2-3.5 oz/1000 ft² Ornamental: 10-33 oz/100 gal	Cleary's 3336° L

#### **INSECTICIDES/NEMATICIDES**



Three-way granular insecticide delivers quick knock down of listed pests while providing long residual activity

- Two Modes of action- GABA Inhibitor and Sodium Channel Blocker.
- Up to one year of Fire Ant control in a single application.
- Can be easily applied by broadcast or drop spreaders.



Kills both ecto- and endo-parasitic nematodes on contact within 48 hours including: Lance, Sting, Lesion, and Root Knot

- CAUTION Signal Word and Minimal PPE
- Truly systemic: xylem and phloem-mobile
- Half-life of 11-22 days, depending upon environmental conditions
- Activity up to 45 days from a single application
- Can be easily applied by a rotary spreader



#### SUPRADO INSECTICIDE

DEFEATING ANNUAL BLUEGRASS WEEVILS, BERMUDAGRASS MITES **AND** CHINCH BUGS FROM ONE GROWTH STAGE TO THE NEXT.



Scan here to download the

## INSECTICIDES/NEMATICIDES

INSECTICIDES	FORMULATION TYPE	IRAC Code	PRODUCT FEATURES	CASE PACK	RATE RANGE	COMPARATIVE Brand
Abamectin 0.15 EC 1.9% Abamectin	Flowable	6	Labeled for nursery, greenhouse, landscape and trees. Controls mites and leafminers, suppresses whitefly, thrips and aphids.	4 x 1 qt 4 x 1 gal	4-8oz/100 gal	Avid®
Acephate 90% Prills 90% Acephate	Water-dispersable dry formulation	1B	Labeled for a wide variety of agricultural crops and non-crop areas. Controls thrips, plant bugs, aphids and whiteflies.	6 x 5 lb	1.1-4.3 lbs/acre	Orthene® T&O
<b>Bifenthrin G&amp;N</b> <b>7.9F</b> 7.9% Bifenthrin	Flowable	3A	<b>RESTRICTED USE.</b> Labeled for nursery, greenhouse, turf and golf courses. Controls numerous insects on trees, shrubs, foliage, non-bearing fruit and nut trees, flowers in greenhouses, turf and ornamentals.	4 x 1 gal 30 gal	10-40 fl oz/acre	Talstar®
<b>Bifenthrin I/ T</b> 7.9% Bifenthrin	Flowable	3A	Labeled for turf and non-crop areas. Controls numerous insects on trees, shrubs, foliage, non-bearing fruit and nut trees, flowers in greenhouses, turf and ornamentals. Non-restricted use.	4 x 1 gal	0.18-1 fl oz/1000²	Talstar®
<b>Bifen L/P</b> 0.2% Bifenthrin	Granule	ЗA	Labeled for residential, commercial and recreational use to control ants, chinch bugs, fleas, mole crickets, ticks and other listed pests.	25 lb bag	2.3 pounds/1,000 ft²	Talstar®
<b>Chlorpyrifos 4E</b> 42.5% Chlorpyrifos	Flowable	1B	Labeled for nursery, greenhouse, trees and golf courses. Controls various insect pests in commercial nurseries and greenhouses, on golf courses, turf and ornamentals.	2 x 2.5 gal	1 pt-1 qt/acre	Dursban®
<b>D-Fense NXT</b> 0.20% Novaluron, 0.06% Deltamethrin 0.02% Pyriproxyfen	Aerosol	15,3A,7C	Labeled for indoor/outdoor residential and commerical, food/feed handling areas. Contains three active ingredients with three distinct modes of action providing contact, residual and long-lasting IGR effects against bed bugs, cockroaches and other listed pests.	12 x 15 oz	Ready to use	Proprietary Product
Doxem <sup>®</sup> Plus FAB 0.045% Indoxacarb 0.01% Novaluron 0.01% Pyriproxyfen	Granule	22A, 15, 7	For control of imported fire ants, bigheaded ants, pavement ants, and turfgrass antson lawns, recreational areas, golf courses and other non-crop/non-grazed areas.	2 x 4 lbs 25 lb bag	1.5 Lbs per acre	Proprietary Product
<b>Fipronil 0.0143G</b> 0.0143% Fipronil	Granule	2B	Labeled for residential, commercial, golf course and recreational turfgrass and landscape beds. Use as a broadcast application for the control of fire ants, mole crickets, fleas, ticks and other nuisance ants.	30 lb bag	87 lbs./acre	TopChoice®
<b>Fipronil 0.1G</b> 0.1% Fipronil	Granule	2B	Labeled for landscape, turf and golf courses. Low use formulation kills mole crickets and fire ants on contact and provides dependable, long-lasting residual control. Can be slit or broadcast applied.	50 lb bag	Slit-application 12.5-25 lbs/acre	Choice®
Imidacloprid 0.5G 0.5% Imidacloprid	Granule	4A	Labeled for landscape, turf, trees, golf courses. Effective against southern masked chafer, northern masked chafer, japanese beetle, european chafer, european crane fly, green june beetle.	30 lb bag	1.4-1.8 lbs/1,000 ft² 60-80 lbs/acre	Merit® 0.5G
Imidacloprid 75 WSB 75% Imidacloprid	Water Soluble Bag	4A	Labeled for landscape, turf, trees and golf courses. Foliar and systemic control of insects in turfgrass and landscape ornamentals.	88 x 1.6 oz	Turf: 1.6 oz (1 pack) for 8,250-11,000 ft² Ornamental: 1.5 pts/acre	Merit® 75 WSB
Imidacloprid T&O 2F 21.8% Imidacloprid	Flowable	4A	Labeled for landscape, turf and golf courses. Foliar and systemic control of insects in turfgrass, landscape ornamentals, in and around building structures to prevent/ control termite infestations.	4 x 1 gal	Turf: 1.25-1.6 pts/acre Ornamental: 1.5 pts/acre	Merit® 2F
<b>Lambda GC-O</b> 9.7% Lambda-cyhalothrin	Flowable	3A	Labeled for nursery, greenhouse, landscape, turf and golf courses. Highly effective control of insect pests for both indoor and outdoor applications in turf and ornamentals including residential and non- residential landscapes.	12 x 1 qt	5-20 oz/acre	Scimitar® GC
Stryker Wasp & Hornet 0.1% Prallethrin	Aerosol	3A	Labeled for outdoors, in attics and crawl spaces only. Kills wasps, bees, hornets, yellowjackets, spiders on contact.	12 x 15 oz	Ready to use	PT Wasp Freeze II - BASF
<b>Suprado</b> 10% Novaluron	Flowable	15	Labeled for the control of annual bluegrass weevils on golf courses, sports and recreational turf, commercial sod farms, lawns on and around residential, commercial and institutional properties	2 x 1 gal 2 X 2.5 gal	3-4 qts/acre	Proprietary Product
<b>Taurus<sup>°</sup> Trio G</b> 0.0143% Fipronil 0.23% Bifenthrin 0.059% Lambda- Cyhalothrin	Granule	2B,3A	RESTRICTED USE. Labeled for fire ant control in turfgrass and landscape areas such as golf courses, residential and commercial areas; also includes parks, schools, sports fields and sod farms . Also controls nuisance ants, mole crickets, fleas and ticks when treating fire ants.	30 lb bag	87 lbs/acre 2 lb/1000 ft² 3.2 oz/100 ft²	Proprietary Product
NEMATICIDE	FORMULATION TYPE	IRAC Code	PRODUCT FEATURES	CASE PACK	RATE RANGE	COMPARATIVE Brand
<b>NIMITZ Pro G</b> 1.5% Fluensulfone	Granule	N/A	For nematode control in Bermudagrass, St. Augustinegrass, Zoysiagrass, Centipedegrass and Seashore Paspalum on Golf Courses, Sports Fields, Commercial Turfgrass Areas, Sod Farms and Residential Turfgrass Lawns	40 lb pail	60 -120 Lbs per acre.	Propietary Product
<b>Todal</b> 1.9% Abamectin	Flowable	6	Labeled for turf-parasitic nematodes and bermudagrass mites on golf course greens, tees and fairways	4 x 1 gal	16-57 Fl. Oz./Acre	Divanem®

#### **TURF ENHANCEMENT**



Systemic, foliarly absorbed Type 2 PGR that promotes lateral growth in turf while limiting top growth and suppressing seedheads of Poa and white clover.

- Retards growth of turfgrasses.
- Use for elimination of undesirable fruit on apple, crabapple, carob and olive trees.

	CUALI-PRO T-NECK Plont Growth Ragulater From Growth Management From Statement and
T-NEX	

Micro-emulsion concentrate used to manage growth and improve quality and stress tolerance of warm- and coolseason turf grasses.

- Minimizes the need for edging of turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and posts, sheds and trees.
- Mixes with water completely, and it can be used with other pesticides and liquid fertilizers.

PLANT GROWTH Regulators	RESTRICTS Growth of	PRODUCT FEATURES	CASE PACK	RATE RANGE	COMPARATIVE Brand
<b>Ethephon 2 SL</b> 21.7% Ethephon	Listed turf and fruiting trees	Labeled for nursery, landscape, turf, trees and golf courses. Retards growth in turfgrass, eliminates mistletoe in ornamental trees.	2 x 2.5 gal	5 fl oz/1000 ft²	Proxy®
<b>T-NEX</b> * 12% Trinexapac-ethyl	Listed turf grasses	Labeled for turf and golf courses. Manages growth, improves quality and stress tolerance. Used on warm- and cool-season turf grasses and for edging.	2 x 1 gal 2 x 2.5 gal	6-44 fl oz/acre Consult label for turfgrass species.	Primo-MAXX®
<b>Pac-Low</b> <sup>®</sup> 22.3% Paclobutrazol	Listed warm- and cool-season turf grasses	Labeled for non-residential turfgrass. Reduces growth for up to two months after application and reduces mowing by up to 50% during period of growth reduction.	4 x 1 gal	6.4 - 48 fl oz/acre	Trimmit® 2SC
SPRAY PATTERN Indicator	BENEFITS	PRODUCT FEATURES	CASE PACK	RATE RANGE	COMPARATIVE Brand
Foursome Plus <sup>®</sup>	Enhances and extends the appearance of turf	Labeled for turf and golf courses. A unique formulation pigment additive to enhance and extend the aesthetic appearance of the turf site following a pesticide application and for use as a spray pattern indicator.	4 x 1 gal	15-20 fl oz/acre	No comparative brand

# CRASH THE COLONY KILL THE QUEEN DOXEM® PLUS FIRE ANT BAIT



#### **OTHER INNOVATIVE SOLUTIONS**



A granule that was specifically designed to manage difficult-to-control ant populations by killing the queen and the entire colony.

- Season-long fire ant protection (90 days)
- No new mounds for 3 months
- For broadcast applications or mound applications



A microencapsulated concentrate containing three active ingredients that provide three modes of action including quick knockdown and long lasting residual.

- Contains an adulticide and two insect growth regulators
- Designed to provide mosquito control outdoors for 90 days



The first microencapsulated concentrate that combines Bifenthrin with Novaluron and Pyriproxyfen. These three active ingredients provide three modes of action.

- Combination Chemistry contains an adulticide and two IGRs
- Breaks the life cycle of insect reproduction to control listed pests
- Low odor and fast acting



Ready-to-use aerosol that kills on contact from up to 20

feet away.

- Formulated to knockdown wasps and hornets so quickly that they cannot release their stinging pheromones, therefore reducing the possibility of stings.
- Electrically non-conducting up to 37,160 volts making it usable around electrical equipment
- Residual activity ensures complete elimination of the nest



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