

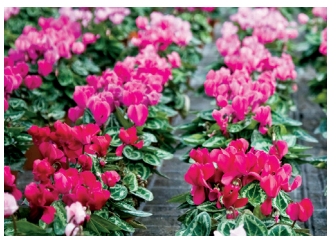
PRODUCT GUIDE

LAWN & LANDSCAPE EDITION

QUALI-PRO



ABOUT QUALI-PRO



QUALI-PRO

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 National Association of Landscape Professionals.



FUNGICIDES

Fungicides	Market Segment	FRAC Code	Control	Fungus	Formulation	Use Rates	Package Size	Comparative Product
Fosetyl-Al 80 WDG 80% Aluminum tris	Landscape: Commercial	33	Systemic, broad spectrum	Pythium Blight, Yellow Tuff, Phytophthora, Downy Mildew, Fire Blight, Bacterial Blight	WDG	Turf: 4-8 oz/1000 ft2 Ornamental: 2.5-5 lbs /100 gal	4 x 5.5 lb	Aliette® WDG Aliette® Signature
	Turf: Commercial							
Mefenoxam 2 AQ 22.5% Mefenoxam	Landscape: Commercial	4	Systemic	Pythium, Phytophthora, Yellow Tuff, Downy Mildew	Liquid-Water based	Turf: 0.2-1 oz/1000 ft2 Ornamental Drench: 0.2-1.0 oz/100 gal	4 x 1 qt 2 x 1 gal 2 x 2.5 gal	Subdue Maxx
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Myclobutanil 20 EW T&O 19.7% Myclobutanil	Landscape: Commercial	3	Systemic, broad spectrum	dollar spot, anthracnose, spring dead spot, brown patch, summer patch, powdery mildew, rust, necrotic ring spot	Liquid	Turf: 1-2.4 oz/1000 ft2 Ornamental: 6-12 oz/100 gal	2 x 1 gal	Eagle
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Propiconazole 14.3 14.3% Propiconazole	Landscape: Commercial	3	Systemic, broad spectrum	Rusts, Pink & Gray Snowmolds, Gray Leaf Spot, Zoysia Patch, Dollar Spot, Summer Patch, Anthracnose, Leaf Spot, Brown Patch, Powdery Mildew	Liquid	Turf: 0.5-4 oz/1000 ft2 Ornamental: 2-24 oz/100 gal	4 x 1 qt 2 x 1 gal 2 x 2.5 gal	Banner Maxx
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Strobe 2L 22.9% Azoxystrobin	Landscape: Commercial	11	Systemic, broad spectrum	Anthracnose, Brown patch, Downy mildew, Gray leaf spot, Leaf blights, Leaf spots, Necrotic ring spot, Powdery mildew, Pythium blight, Rust Snow mold, Summer patch, Take-all patch, Zoysia patch	Liquid	Turf: 0.38-1.35 oz/1000 ft2 Ornamental: 1.9-7.7oz/100 gal	2 x 1 gal	Heritage
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Strobe 50 WG 50% Azoxystrobin	Landscape: Commercial	11	Systemic, broad spectrum	Anthracnose, Brown patch, Downy mildew, Gray leaf spot, Leaf blights, Leaf spots, Necrotic ring spot, Powdery mildew, Pythium blight, Rust Snow mold, Summer patch, Take-all patch, Zoysia patch	WDG	Turf: 0.2-0.4 oz/1000 ft2 Ornamental: 1-8 oz/100 gal	2 x 6 lb 6 x 1 lb	Heritage
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Tebuconazole 3.6F 38.7% Tebuconazole	Landscape: Commercial	3	Systemic, broad spectrum	Brown Patch, Dollar Spot, Necrotic ring spot, Anthracnose, Fusarium Patch, Gray leaf spot, Snow molds	Liquid	Turf: 0.6 oz/1000 ft2 Ornamental: 4-10 oz/100 gal	4x1 gal	Torque
	Landscape: Residential							
TM 4.5 Flowable 46.2 % Thiophanate methyl	Landscape: Commercial	1	Systemic, broad spectrum	brown pact, dollar spot, gray leaf spot, anthracnose, summer patch, fusarium blight, powdery mildew, leaf spots and blights	Flowable	Turf: 2-3.5 oz/1000 ft2 Ornamental: 10-33 oz/100 gal	2 x 2.5 gal	Cleary's 3336 F
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Ipro 2 23.8% Iprodione	Landscape: Commercial	2	Systemic, broad spectrum	Fusarium blight, Brown patch, Dollar spot, Gray snow mold, Leaf spots, Necrotic ring spot, Alternaria leaf blight, Botrytis blight, Botrytis storage rot, Fusarium corm rot, Fusarium leaf spot, Ink spot, Rhizoctonia stem & root rot	Liquid	Turf: 4-8 oz/1000 ft2 Ornamental: 1-2.5 qts / acre	2 x 2.5 gal	Chipco 26019
	Turf: Commercial							

HERBICIDES

Herbicides	Market Segment	FRAC Code	Control	Weeds	Formulation	Use Rates	Package Size	Comparative Product
2-D 33% Triclopyr 12.1% Clopyralid	Turf: Commercial	0	Post-emergent	Annual and Perennial Broadleaf		1-2 pints/acre	4x1 gallon	Confront
2DQ 40% 2,4-D 4.21% Dicamba 3.3% Quinclorac	Turf: Commercial	0	Post-emergent	Superior annual and Perennial Broadleaf	Amine	1-3 pints/acre	4x1 gallon 2x2.5 gallon	Millenium Ultra 2
	Turf: Residential							
3-D 30.56% 2, 4-D 8.17% Mecoprop-p 2.77% Dicamba	Turf: Commercial	0	Post-emergent	Annual and Perennial Broadleaf	Amine	2-4 pints/acre	2x2.5 gallon 30 gallon drum	Trimec
	Turf: Residential							
Dithiopyr 40 WSB 40% Dithiopyr	Landscape: Commercial	K1	Pre-emergent	Grass and Broadleaf	DF	1-4 wsb/acre	8x(4x5 oz. wsb.)	Dimension Ultra 40 WP
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Glyphosate Plus 41% Glyphosate	Landscape: Commercial	G	Post-emergent	Non-selective herbicide		1-5 quarts/acre	2x2.5 gallon 30 gallon drum	Roundup
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
Isoxaben 75WG 75% Isoxaben	Landscape: Commercial	L	Pre-emergent	Annual and Perennial Broadleaf	WG	.66-1.33 pounds/acre	6x(4x1 lb.)	Gallery
	Landscape: Residential							
	Turf: Commercial							
	Turf: Residential							
MSM 60% Metsulfuron Methyl	Turf: Commercial	B	Post-emergent	Annual and Perennial Grass and Broadleaf	DF	.5-1.5 ounces/acre	4x(4x2 oz. btl) 8x8 oz. bottle	Manor
	Turf: Residential							
Negate 16.67% Rimsulfuron 20% Metsulfuron methyl	Turf: Commercial	B	Post-emergent	Annual and Perennial Grass and Broadleaf	DF	1.5 ounces/acre	6x1.5 oz.	Proprietary
	Turf: Residential							
Oxadiazon 2G 2% Oxadiazon	Landscape: Commercial	E	Pre-emergent	Annual and Perennial Grass and Broadleaf	Granule	100-200 pounds/acre	50 lb bag	Ronstar
	Landscape: Residential		Pre-emergent					
	Turf: Commercial		Pre-emergent					
Oxadiazon SC 34.4% Oxadiazon	Landscape: Commercial	E	Pre-emergent	Annual and Perennial Grass and Broadleaf	SC	80.6-122 Fl. Oz./acre	2x2.5 gallon	Ronstar
	Landscape: Residential		Pre-emergent					
	Turf: Commercial		Pre-emergent					
Prodiamine 4L 40.8% Prodiamine	Landscape: Commercial	K1	Pre-emergent	Annual and Perennial Grass and Broadleaf	SC	10-48 Fl. Oz./acre	2x2.5 gallon	Barricade
	Landscape: Residential		Pre-emergent					
	Turf: Commercial		Pre-emergent					
	Turf: Residential		Pre-emergent					
Prodiamine 65WDG 65% Prodiamine	Landscape: Commercial	K1	Pre-emergent	Annual and Perennial Grass and Broadleaf	WDG	.5-2.3 Lb./acre	6x5 pound	Barricade
	Landscape: Residential		Pre-emergent					
	Turf: Commercial		Pre-emergent					
	Turf: Residential		Pre-emergent					
Quinclorac 1.5L 18.92% Quinclorac	Turf: Commercial	0	Post-emergent	Crabgrass, Annual Grasses and Broadleaf	LC	64 Fl. Oz./acre	4x1/2 gallon	Drive
	Turf: Residential		Post-emergent					

Herbicides	Market Segment	FRAC Code	Control	Weeds	Formulation	Use Rates	Package Size	Comparative Product
Quinclorac 75DF 75% Quinclorac	Turf: Commercial	0	Post-emergent	Crabgrass, Annual Grasses and Broadleaf	DF	1 Lb./acre	6x1 pound	Drive
	Turf: Residential		Post-emergent					
Rimsulfuron 25% Rimsulfuron	Turf: Commercial	B	Post-emergent	Annual and Perennial Grass and Broadleaf	DF	.5-2 Oz./acre	6x5 ounce	TranXit
T/I 2.5G 2% Trifluralin 0.5% Isoxaben	Landscape: Commercial	K1, L	Pre-emergent	Annual and Perennial Grass and Broadleaf	Granule	100-200 Lbs./acre	50 lb bag	Snapshot
	Landscape: Residential		Pre-emergent					
	Turf: Commercial		Pre-emergent					
	Turf: Residential		Pre-emergent					
Fahrenheit 33% Dicamba 5% Metsulfuron Methyl	Turf: Commercial	0, B	Post-emergent	Annual and Perennial Grass and Broadleaf Weeds	WSG	3-12 ounces/acre	6x6 oz. bottle	Proprietary
	Turf: Residential		Post-emergent					
Dithiopyr L 22% Dithiopyr	Landscape: Commercial	K1	Pre-emergent	Grass and Broadleaf	LC	.75-2 pints/acre	4x1 gallon	Dimension 2EW
	Landscape: Residential		Pre-emergent					
	Turf: Commercial		Pre-emergent					
	Turf: Residential		Pre-emergent					

RESIDENTIAL LAWNS ARE CHALLENGING.



POA ANNUA



DANDELION

Negate® 37WG controls a total of 62 broadleaf & grassy weeds.

INSECTICIDES

Insecticides	Market Segment	FRAC Code	Control	Insects	Formulation	Use Rates	Package Size	Comparative Product
Abamectin 0.15EC 1.9% Abamectin	Landscape: Commercial	6	Contact	Control of mites and leafminers	EC	4-8 Fl. Oz./100 gallons water	4x1 quart	Avid
	Landscape: Residential		Contact				4x1 gallon	
Acephate 90% Prills 90% Acephate	Turf: Commercial	1B	Contact & Locally Systemic	Aphids, Plants bugs, Thrips, White Flies Ants, Harvester & Fire ant mound or spot treatment	Water-dispersable dry formulation	8.64 - 64 Oz./Acre	6 x 5 lb	Orthene
	Turf: Residential		Contact & Locally Systemic					
Bifenthrin I/ T 7.9% Bifenthrin	Landscape: Commercial	3A	Contact or Ingestion	Numerous insects	Flowable	.18-1 Fl. Oz / Acre	4 x 1 gallon	Talstar
	Landscape: Residential		Contact or Ingestion					
	Turf: Commercial		Contact or Ingestion					
	Turf: Residential		Contact or Ingestion					
Fipronil 0.0143G Broadcast 0.0143% Fipronil	Landscape: Commercial	2B	Contact or Ingestion	Mole Crickets, Imported fire ants, fleas, ticks and nuisance ants	Granule	87 lbs / acre	30 lb bag	Chipco Choice
	Landscape: Residential		Contact or Ingestion					
	Turf: Commercial		Contact or Ingestion					
	Turf: Residential		Contact or Ingestion					
Imidacloprid 0.5G 0.5% Imidacloprid	Landscape: Commercial	4A	Systemic Contact or Ingestion	Various insects	Granule	50-80 lbs / acre	30 lb bag	Merit 0.5G
	Landscape: Residential		Systemic Contact or Ingestion					
	Turf: Commercial		Systemic Contact or Ingestion					
	Turf: Residential		Systemic Contact or Ingestion					
Imidacloprid 2F 21.8% Imidacloprid	Landscape: Commercial	4A	Systemic Contact or Ingestion	Various insects	Flowable	Turf: 1.25-1.6 pts/acre Ornamental: 1.5 pts/acre	4 x 1 gal	Merit 2F
	Landscape: Residential		Systemic Contact or Ingestion					
	Turf: Commercial		Systemic Contact or Ingestion					
	Turf: Residential		Systemic Contact or Ingestion					
Imidacloprid 75 WSB 75% Imidacloprid	Landscape: Commercial	4A	Systemic Contact or Ingestion	Various insects	WSB	Turf: 1.6 oz / 8,250-11,000 ft ² Ornamental: 1.5 pts/acre	4 x (4 x 1.6 oz) 88 x 1.6 oz	Merit 75 WSB
	Landscape: Residential		Systemic Contact or Ingestion					
	Turf: Commercial		Systemic Contact or Ingestion					
	Turf: Residential		Systemic Contact or Ingestion					
Lambda GC-0 9.7% Lambda-cyhalothrin	Landscape: Commercial	3A	Contact or Ingestion	Various insects	Flowable	5-20 oz/acre	12 x 1 qt	Scimitar GC
	Landscape: Residential		Contact or Ingestion					
	Turf: Commercial		Contact or Ingestion					
	Turf: Residential		Contact or Ingestion					
Taurus® Trio G 0.0143% Fipronil 0.23% Bifenthrin 0.059% Lambda-Cyhalothrin	Landscape: Commercial	2B, 3A	Contact or Ingestion	Mole Crickets, Imported fire ants, fleas, ticks and nuisance ants	Granule	87 lbs / acre	30 lb bag	Proprietary Product
	Landscape: Residential		Contact or Ingestion					
	Turf: Commercial		Contact or Ingestion					
	Turf: Residential		Contact or Ingestion					

TURF ENHANCEMENTS

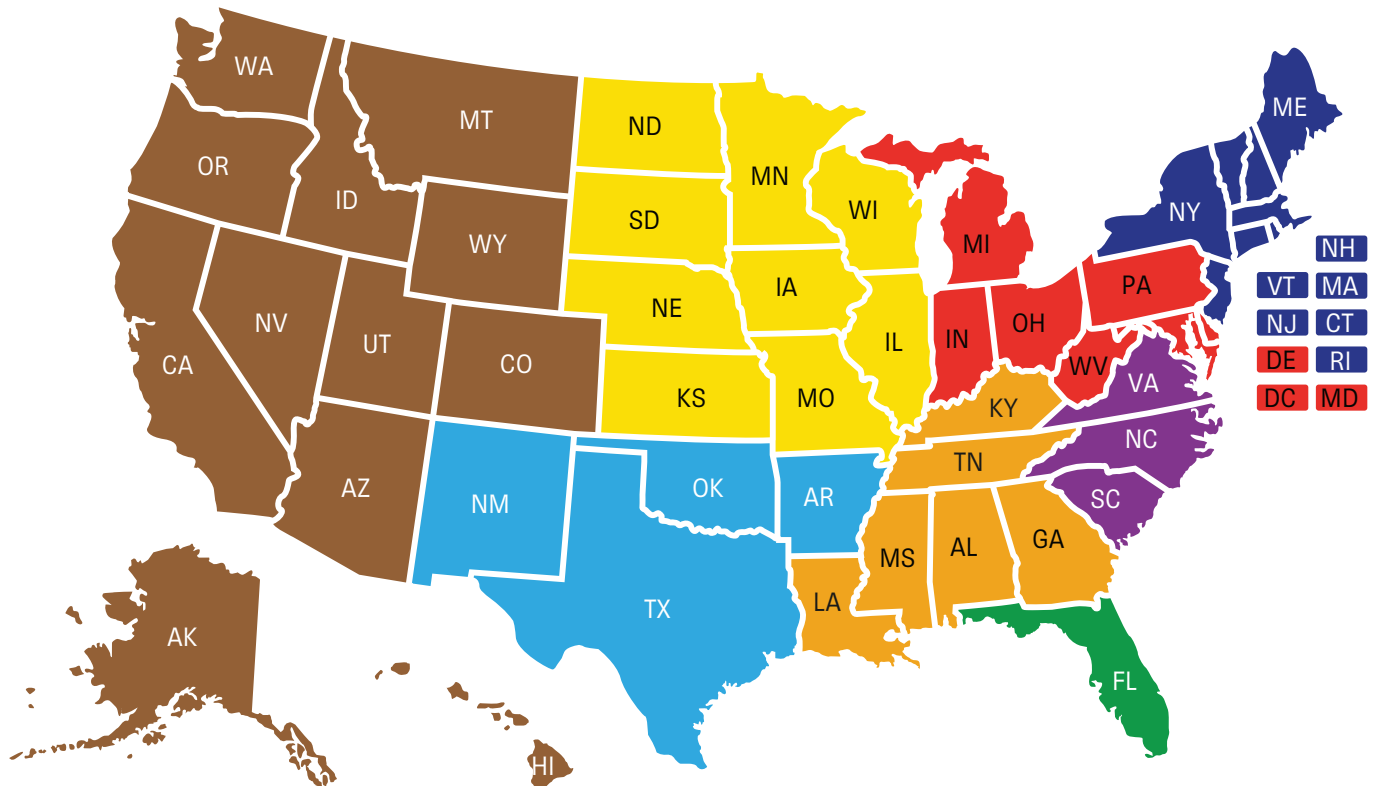
Plant Growth Regulators	Market Segment	FRAC Code	Control	Benefits	Formulation	Use Rates	Package Size	Comparative Product
Ethephon 2SL	Landscape: Commercial	NA	Growth Regulator	Plant and seed inhibition	SL	5 Fl. Oz./1000 Sq. Ft.	2x2.5 gallon	Proxy
	Landscape: Residential		Growth Regulator					
	Turf: Commercial		Growth Regulator					
Pac-Low	Turf: Commercial	NA	Growth Regulator	Turf growth inhibition, quality and stress tolerance	SC	6.4-48 Fl. Oz./acre	4x1 gallon	Trimmit
T-Nex	Turf: Commercial	NA	Growth Regulator	Turf growth inhibition, quality and stress tolerance	MEC	6-44 Fl. Oz./acre	2x1 gallon 2x2.5 gallon	Primo-Maxx
Spray Pattern Indicators	Market Segment	FRAC Code	Control	Benefits	Formulation	Use Rates	Package Size	Comparative Product
Foursome Plus	Turf: Commercial	NA	NA	Turf quality	L	15-20 Fl. Oz./acre	4x1 gallon 30 gallon drum	Various SPI's
	Turf: Residential							

Taurus Trio G

Innovative, triple-threat fire ant control for **residential lawns** and **commercial landscapes**.



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