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Current Report

Cooperative Extension Service • Division of Agriculture • Oklahoma State University

1985 Partial Listing of Herbicides, Registered in Oklahoma for Use on Turf

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Herbicides are effective tools for controlling weeds in turfgrass. However, the most important step in controlling weeds in turfgrass is a management program that produces a dense, vigorous, healthy turf. This Current Report was prepared as an aid in obtaining a product after selection of the correct type of herbicide. For detailed information on selecting the proper herbicide for your weed problem and correctly applying it for effective weed control, see Fact Sheet No. 6421, Controlling Weeds in Home Lawns.

Preemergence Herbicides

Product	Registrant	Formulation	Percent Active Ingredient	Product	Registrant	Formulation	Percent Active Ingredient
***** ALWAYS FOLLOW LABEL INSTRUCTIONS *****							
<u>ATRAZINE*</u>				<u>BENSULIDE (BETASAN, ETC.)</u>			
Hi-Yield Atrazine Herbicide	Voluntary Purchasing Group Inc., Bonham, TX	Flowable Conc.	43.00	Betamec 4 Pre-Emergence Grass Killer	PBI/Gordon Corp., Kansas City, MO	Emulsifiable Conc.	46.00
Security Brand Purge Weed Killer	Security Chemical Co., Atlanta, GA	Flowable Conc.	43.00	Betasan 3.6-G	Stauffer Chemical Co., Richmond, CA	Granular	3.60
<u>BENEFIN (BALAN)</u>				<u>BETASAN 4E</u>			
Balan 2.5 G	Elanco Products, Indianapolis, IN	Granular	2.50	Black Leaf Weed and Crabgrass Preventer	Black Leaf Products Corp., Elgin, IL	Emulsifiable Conc.	34.80
Ferti-Lome Crabgrass Preventer	Voluntary Purchasing Group Inc., Bonham, TX	Granular	2.50	Clean Crop Betasan 4-E	Platte Chemical Co., Fremont, NE	Emulsifiable Conc.	46.00
Green Gold Spring Crabgrass Control	Lebanon Chemical Corp., Lebanon, PA	Granular	1.72	Pre-San Emulsifiable	Mallinckrodt Inc., St. Louis, MO	Emulsifiable Conc.	46.00
Hi-Yield Professional Crabgrass Control	Voluntary Purchasing Group Inc., Bonham, TX	Granular	2.50	Pre-San 12.5G	"	Granular	12.50
Lebanon Country Club 18-5-9 Fertilizer with Herbicide (Balan)	Lebanon Chemical Corp., Lebanon, PA	Granular	1.22	Lebanon Country Club 19-4-9 with Betasan	Lebanon Chemical Corp., Lebanon, PA	Granular	3.60
Sta-Green Crabgrass Preventer with Fertilizer 25-3-3	Sta-Green Plant Food Co., Sylacauga, AL	Granular	1.15	Proturf Fertilizer & Crabgrass Preventer for use on Lawn and Turfgrass	O.M. Scott & Sons Co., Marysville, OH	Granular	5.20
Sta-Green Crabgrass Preventer with Balan	"	Granular	2.30	Scotts Proturf Weedgrass Preventer	"	Granular	8.50
USS Vertagreen Crabgrass Preventer with Balan	USS Agri-Chemical's Atlanta, GA	Granular	1.72	Scotts Proturf 26-0-11 Fertilizer with Weedgrass Preventer	"	Granular	7.80
Vigoro Crabgrass Preventer with Benefin	Estech, Inc., Chicago, IL	Granular	0.62	Super Pax Crabgrass Control with Betasan	PAX Co., Salt Lake City, UT	Granular	3.28

Product	Registrant	Formulation	Percent Active Ingredient	Product	Registrant	Formulation	Percent Active Ingredient
<u>DCPA (DACTHAL)</u>				<u>OXADIAZON (RONSTAR)</u>			
Acme Stopit Crabgrass Preventer	PBI/Gordon Corp., Kansas City, MO	Emulsifiable Conc.	34.80	Chipco Ronstar G	Rhone-Poulenc Inc., Monmouth Junction, NJ	Granular	2.00
Dacthal W-75 Herbicide	SDS Biotech Corp., Painesville, OH	Wettable Powder	75.00	<u>PRONAMIDE* (KERB)</u>			
Dacthal G-5 Herbicide	"	Granular	5.00	Kerb 50-W In Water Soluble Pouches	Rohm & Haas Co., Philadelphia, PA	Wettable Powder	50.00
Dacthal Flowable Herbicide	"	Flowable Conc.	54.92	<u>SIMAZINE* (PRINCEP)</u>			
Ferti-Lome Weed and Grass Preventer	Voluntary Purchasing Group Inc., Bonham, TX	Granular	2.41	Ferti-Lome Weed & Feed Special for St. Augustine, Bermudagrass	Voluntary Purchasing Group Inc., Bonham, TX	Granular	0.63
Ferti-Lome Crabgrass and Weed Preventer	"	Granular	2.00	Princep 4G	Ciba-Geigy Corp., Greensboro, NC	Granular	4.00
Green Gold Preemergence Crabgrass Control	Lebanon Chemical Corp., Lebanon, PA	Granular	5.00	Princep 80W	"	Wettable Powder	80.00
Pre Emergent Plus	Patterson Chemical Co., Kansas City, MO	Granular	5.00	Princep 4L	"	Flowable Conc.	41.90
<u>METRIBUZIN* (SENCOR)</u>				Princep Caliber 90	"	Water Dispersible Granule	90.00
Sencor 75 Wettable Granular Herbicide	Mobay Chemical Corp., Kansas City, MO	Wettable Powder	75.00	<u>BENSULIDE + OXADIAZON</u>			
Sencor 4	"	Flowable Conc.	41.00	Scotts Proturf Goosegrass/Crabgrass Control for Bermudagrass	O.M. Scott & Sons Co., Marysville, OH	Granular	5.25 bens 1.31 oxad
<u>NAPROPAMIDE (DEVRIINOL)</u>				<u>BENEFIN + OXADIAZON</u>			
Devrinol 50 WP Ornamental Herbicide	Stauffer Chemical Co., Richmond, CA	Wettable Powder	50.00	Regalstar	Regal Chemical Co., Alpharetta, GA	Granular	0.50 bene 1.00 oxad
Devrinol 5G	"	Granular	5.00	<u>ORYZALIN (SURFLAN)</u>			
Surflan 75W	Elanco Products, Indianapolis, IN	Wettable Powder	75.00	Surflan A.S.	"	Flowable Conc.	40.40
Surflan A.S.	"	Flowable Conc.	40.40				

*Chemical has preemergence and postemergence activity.

Postemergence Herbicides

Product	Registrant	Formulation	Percent Active Ingredient	Product	Registrant	Formulation	Percent Active Ingredient
***** ALWAYS FOLLOW LABEL INSTRUCTIONS *****							
<u>AMA (AMMONIUM METHANEARSONATE)</u>				<u>DSMA (DISODIUM METHANEARSONATE)</u>			
Black Leaf Crabgrass Killer	Black Leaf Products Co., Elgin, IL	Soluble Conc.	16.00	Drexel DSMA Liquid	Drexel Chemical Co., Memphis, TN	Soluble Conc.	21.76
CGK-79 Crabgrass Killer	Mantek, Irving, TX	Soluble Conc.	16.00	Drexel DSMA Slurry	"	Soluble Conc.	36.90
Ortho Liquid Crabgrass Killer	Chevron Chemical Co., Richmond, CA	Soluble Conc.	16.00	Green Light Liquid Crabgrass Killer	Green Light Co., San Antonio, TX	Soluble Conc.	12.60
Science Crabgrass Killer	Science Products Co., Chicago, IL	Soluble Conc.	16.00	Hi-Yield DSMA Liquid Herbicide	Voluntary Purchasing Group Inc., Bonham, TX	Soluble Conc.	12.80
Super Methar Liquid Crabgrass Killer AMA	W.A. Cleary Corp., Somerset, NJ	Soluble Conc.	16.00	Methar 50 Disodium Methaneearsonate Liquid Crabgrass Killer	W.A. Cleary Corp., Somerset, NJ	Soluble Conc.	18.90
<u>OMA (CALCIUM METHANEARSONATE)</u>				Versar DSMA Liquid	Vertac Chemical Corp., Memphis, TN	Soluble Conc.	21.80
Ortho Crabgrass Killer Formula II	Chevron Chemical Co., Richmond, CA	Soluble Conc.	8.40				
Super K-Gro Ready-to-Use Crabgrass Killer	Celex Corp., Plymouth, MI	Ready-to-Use Solution	0.50				

Product	Registrant	Formulation	Percent Active Ingredient ¹	Product	Registrant	Formulation	Percent Active Ingredient ¹
<u>MSMA (MONOSODIUM METHANEARSONATE)</u>				<u>2,4-D</u>			
Bueno-6	SDS Biotech Corp., Painesville, OH	Emulsifiable Conc.	48.35	Amine 4D	SDS Biotech Corp., Painesville, OH	Emulsifiable Conc.	47.40
Clean Crop MSMA Herbicide	Platte Chemical Co., Fremont, NE	Emulsifiable Conc.	48.35	Amine 400 2,4-D Weed Killer	PBI/Gordon Corp., Kansas City, MO	Emulsifiable Conc.	46.40
Daconate-6	SDS Biotech Corp., Painesville, OH	Emulsifiable Conc.	48.30	Black Leaf Spot Weed Killer	Black Leaf Products Co., Elgin, IL	Ready-to-Use Solution	0.65
Drexel MSMA 6 Plus	Drexel Chemical Co., Memphis, TN	Emulsifiable Conc.	47.60	Butyl Ester 400 2,4-D Weed Killer	PBI/Gordon Corp., Kansas City, MO	Emulsifiable Conc.	54.50
Ferti-Lome Bermuda Grass Weeder	Voluntary Purchasing Group Inc., Bonham, TX	Emulsifiable Conc.	47.60	Clean Crop Four Power	Platte Chemical Co., Fremont, NE	Emulsifiable Conc.	46.50
Hi-Yield Super 3A.G.	"	Soluble Conc.	47.60	Clean Crop Low Vol 4 Ester Weed Killer	"	Emulsifiable Conc.	65.50
Hi-Yield Super Decimate + Surfactant	"	Soluble Conc.	34.60	Clean Crop Low Vol 6 Weed Killer	"	Emulsifiable Conc.	88.80
Lawn and Turf Weed Control	Athea Laboratories Inc., Milwaukee, WI	Soluble Conc.	20.50	Clean Crop Butyl 4 Ester Weed Killer	"	Emulsifiable Conc.	55.50
Red Panther Super Juice	MFC Services, Madison, MS	Soluble Conc.	47.70	Clean Crop Butyl 6 Ester Weed Killer	"	Emulsifiable Conc.	75.20
Security Crabgrass Killer	Security Chemical Co., Atlanta, GA	Soluble Conc.	11.02	K-Mart Weed and Feed	Estech Inc., Chicago, IL	Granular	1.22
Versar 600 MSMA Liquid + Surfactant	Vertac Chemical Corp., Memphis, TN	Soluble Conc.	48.40	Selective Herbicide #3 Broadleaf Weed Killer	Athea Laboratories Inc., Milwaukee, WI	Soluble Conc.	31.10
Vigoro Crabgrass Killer	Estech Inc., Chicago, IL	Soluble Conc.	20.20	Swift's Lawn Weeder and Feeder	Estech Inc., Chicago, IL	Granular	1.22
<u>AMITROLE (AMITROL-T)</u>				<u>DICAMBA (BANVEL)</u>			
Amitrol-T	Union Carbide, Research Triangle Park, NC	Soluble Conc.	78.40	Banvel Herbicide	Velsicol Chemical Corp., Memphis, TN	Soluble Conc.	40.00
<u>BENTAZON (BASAGRAN)</u>				<u>MCPP (MECOPROP)</u>			
Basagran	BASF Wyandotte Chemical Corp., Parsippany, NJ	Soluble Conc.	42.00	Gordon's Mecomec 4	PBI/Gordon Corp., Kansas City, MO	Emulsifiable Conc.	48.32
<u>CACODYLIC ACID (PHYTAR 560)</u>				<u>2,4-D + DICAMBA</u>			
Ortho Contax Weed & Grass Killer	Chevron Chemical Co., Richmond, CA	Soluble Conc.	12.20	National Chemsearch Chemweed 265 Selective Weed Killer	Mantek, Irving, TX	Emulsifiable Conc.	36.90
Phytar 560	Crystal Chemical Co., Houston, TX	Soluble Conc.	26.61				
<u>DALAPON (DOWPON M)</u>							
Dowpon M Grass Killer	Dow Chemical Co., Midland, MI	Flowable Conc.	74.00				
<u>DIQUAT</u>							
National Chemsearch Watrol	Mantek, Irving, TX	Emulsifiable Conc.	1.85				
Norkem 500	KEM Manufacturing Corp., Tucker, GA	Emulsifiable Conc.	2.16				
Ortho Diquat Herbicide	Chevron Chemical Co., Richmond, CA	Emulsifiable Conc.	35.60				
<u>GLYPHOSATE (Roundup)</u>							
Clean Crop Weed Wrangler Ready-to-Use	Platte Chemical Co., Fremont, NE	Ready-to-Use Solution	0.96	Black Leaf Lawn Weed Killer	Black Leaf Products, Co., Elgin, IL	Emulsifiable Conc.	12.30 2.35
Ortho Kleenup Grass and Weed Killer	Chevron Chemical Co., Richmond, CA	Ready-to-Use Solution	0.50	Clean Crop Four Power Plus	Platte Chemical Co., Fremont, NE	Emulsifiable Conc.	48.20 7.67
Ortho Kleenup Spot Weed & Grass Killer	"	Ready-to-Use Solution	0.75	Ferti-Lome Systemic Weed Killer	Voluntary Purchasing Group Inc., Bonham, TX	Soluble Conc.	8.23 1.66
Ortho Kleenup Systemic Weed & Grass Killer	"	Ready-to-Use Solution	5.00	MFA New Lawn Weed Killer Contains Banvel D	MFA Oil Co., C/O Imperial Inc., Shenandoah, IA	Soluble Conc.	13.52 7.95
Roundup	Monsanto Co., Washington D.C.	Soluble Conc.	41.00	Scotts Lawn Weed Control	O.M. Scott & Sons Co., Marysville, OH	Granular	2.95 0.48
				Scotts Proturf 36-0-0 Fertilizer Plus Dicot Weed Control	"	Granular	1.37 0.45

¹Percent active ingredient of combination products is listed as individual chemicals appear on each heading.

Product	Registrant	Formulation	Percent Active Ingredient ¹	Product	Registrant	Formulation	Percent Active Ingredient ¹
<u>2,4-D + MCPP</u>				<u>2,4-D + DICAMBA + MCPP</u>			
Bonus Type B Weed Control Plus Lawn Fertilizer	O.M. Scott & Sons Co., Marysville, OH	Granular	0.68 0.68	Clean Crop Mec-Amine Plus	Platte Chemical Co., Fremont, NE	Soluble Conc.	6.59 2.64 19.87
Chipco Turf Kleen	Rhone-Poulenc Inc., Monmouth Junction, NJ	Emulsifiable Conc.	15.50 16.20	Clean Crop Di-Mec Amine	"	Emulsifiable Conc.	30.56 2.77 16.34
National Chemsearch Apollo 445	Mantek, Irving, TX	Soluble Conc.	8.00 8.00	Dexol Lawn Weed Killer	Dexol Industries, Torrance, CA	Emulsifiable Conc.	8.07 0.95 3.66
Ortho Weed B Gon M	Chevron Chemical Co., Richmond, CA	Soluble Conc.	10.80 11.60	Green Light Wipe Out Broadleaf Weed Killer	Green Light Co., San Antonio, TX	Emulsifiable Conc.	1.98 0.84 6.89
Scotts Proturf 36-0-0 Fertilizer Plus Dicot Weed Control II	O.M. Scott & Sons Co., Marysville, OH	Granular	1.37 1.37	Gro-Tone 20 Weed & Feed	Estech Inc., Chicago, IL	Granular	0.55 0.05 0.25
Scotts Turf Builder Plus 2 for Grass	"	Granular	1.57 1.57	Norkem 400 T	KEM Manufacturing Corp., Tucker, GA	Emulsifiable Conc.	6.10 0.72 2.77
2 Plus 2 (MCPP + 2,4-D Amine) Turf Care	SDS Biotech Corp., Painesville, OH	Emulsifiable Conc.	24.50 24.20	Proturf Fertilizer Plus Dicot Weed Control II	O.M. Scott & Sons Co., Marysville, OH	Granular	1.22 0.08 1.22
				Rockland Three-Way Lawn Weed Killer	Rockland Chemical Co., Newark, NJ	Granular	7.59 0.84 3.66
				Scotts Super Plus 2 for Grass	O.M. Scott & Sons Co., Marysville, OH	Granular	0.68 0.03 0.68
				Surburban 20 25-3-3 Weed & Fertilizer	Estech Inc., Chicago, IL	Granular	0.52 0.06 0.25
				Trex-San	Mallinckrodt Inc., St. Louis, Mo	Emulsifiable Conc.	30.21 4.05 16.22
				Trimec Herbicide	PBI/Gordon Corp., Kansas City, MO	Emulsifiable Conc.	25.93 2.76 13.85
				Vigoro Weed Control Plus Lawn Fertilizer	Estech Inc., Chicago, IL	Granular	0.58 0.05 0.24
				33 Plus	Kenco, Jacksonville, FL	Emulsifiable Conc.	5.87 1.20 10.89

¹Percent active ingredient of combination products is listed as individual chemicals appear on each heading.

The pesticide information presented in this publication was current with federal and state regulations at the time of printing. The user is responsible for determining that the intended use is consistent with the label of the product being used. Use pesticides safely. Read and follow label directions. The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the Cooperative Extension Service is implied.

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