

HERBICIDES USED IN AND AROUND WATER FOR MANAGEMENT OF AQUATIC VEGETATION^{1, 2}

Chemical	Common and Trade Names	Principal Uses				Manufacturer ³
		Drainage ditch	Lake; pond	Ditch-bank	Other	
Acrolein	Magnacide H	X				Magna Corporation
Amitrole	Ammate	X		X		Amchem Chemical Company
Ammonium sulfate	Amitrol-T	X		X	X	DuPont Chemical Company
Bromacil	Hyvar X			X		DuPont Chemical Company
	Hyvar X-L			X		DuPont Chemical Company
Copper	Algae-Rhap CU-7	X	X		X	Transvaal, Inc.
	AV-70	X	X		X	A & V, Inc.
	Copper sulfate	X	X			Cities Service Company
	CuTEA	X	X		X	Intercoastal Chemical Company
	Cutrine Plus	X	X		X	Applied Biochemists
	Komeen	X	X		X	Sandoz, Inc.
	K-Lox	X	X		X	Sandoz, Inc.
	Mariner Brand System A		X		X	3M Company
	Mariner Brand System M	X	X			3M Company
2,4-D	Amine 4D			X		Amchem Products Company
	Aqua-Kleen		X			Amchem Products Company
	Banvel ⁴	X		X	X	Velsicol Chemical Corp.
	DMA 4			X		Dow Chemical Company
	Emulsamine E-3	X	X	X		Amchem Products Company
	Esteron			X		Dow Chemical Company
	Esteron 99			X		Dow Chemical Company
	Formula 40			X		Dow Chemical Company
	Helena Brand 2,4-D				X	Helena Chemical Company
	Rhodia 2,4-D Amine No. 4				X	Rhodia, Inc.
	Rhodia 2,4-D Gran 20					Rhodia, Inc.
	Visko-Rhap, plus 2,4-D		X			Rhodia, Inc.
	Weedar 64	X	X	X		Amchem Products Company
	Weedone LV-4			X		Amchem Products Company
Dalapon	Weed-Rhap, plus 2,4-D	X	X	X	X	Transvaal, Inc.
	Basfapon B	X		X		Basf Wyandotte Corp
	Dalapon Grass Killer	X		X	X	Aceto Chemical Company
	Dowpon C ⁴	X		X	X	Dow Chemical Company
	Dowpon M			X	X	Dow Chemical Company
Dicamba	Banvel ⁴	X		X	X	Velsicol Chemical Corp.
Dichlobenil	Casoron G-10		X		X	Thompson-Hayward Chemical Co.
Diquat	Diquat	X	X	X	X	Chevron Chemical Company
Diuron	Aceto Diuron	X		X	X	Aceto Chemical Company
	Aquaccion		X			Modern Aquatic Weed Control
	Cardi	X		X		Pennwalt Corp.
	Karmex	X		X	X	DuPont Chemical Company
Endothall	Aquathol K		X			Pennwalt Corp.
	Aquathol Plus		X		X	Pennwalt Corp.
	Hydout		X			Pennwalt Corp.
	Hydrothol 191		X		X	Pennwalt Corp.
	Mariner Brand System E	X	X		X	3M Company
	Mariner Brand System L	X	X		X	3M Company
Fenac	Fenac				X	Amchem Chemical Company
Prometon	Pramitol 5PS ⁴			X		CIBA-Geigy Corporation
	Pramitol 25E ⁴			X		CIBA-Geigy Corporation
Silvex	Kuron		X	X	X	Dow Chemical Company
	Silvex 4TP	X	X	X	X	Diamond Shamrock Corp.
	Weedone 2,4,5-TP				X	Amchem Products Company
Simazine	Aquazine	X				CIBA-Geigy Corporation
	Pramitol 5PS ⁴			X		CIBA-Geigy Corporation
Sodium chorate	Pramitol 5PS ⁴			X		CIBA-Geigy Corporation
Sodium metaborate	Pramitol 5PS ⁴			X		CIBA-Geigy Corporation
Trichloroacetic acid	Dowpon C ⁴	X		X	X	Dow Chemical Company
	Sodium TCA			X		Dow Chemical Company
2,4,5-T	Esteron ⁴			X		Dow Chemical Company
Drift Control, Foams, Oils, and Wetting Agents	Big Sur				X	J & B Associates
	Diesel Oil				X	Numerous Companies
	Foamspray				X	Service Technology Corp.
	Fomex				X	Colloidal Products, Inc.
	Rhodia Spreader-Activator				X	Rhodia, Inc.
	S-120 Inverting Oil				X	Standard Chemical & Spray Co.
	Spray Mate Inverting Oil				X	KDM Company
	Surfactant WK				X	DuPont Chemical Company
	Visko Rhap Inverting Oil				X	Rhodia, Inc.
	X 77				X	Colloidal Products, Inc.
	Xylene				X	Numerous Companies
Dye	Aquashade-Pond Dye		X		X	Aquashade, Inc.
	Mariner Blue Pond Dye		X		X	3M Company

^{1, 2} Footnotes appear on page 81.

¹Use of some of these herbicides may be restricted depending on the site of application, formulation, water use, etc. This list does not constitute officially registered herbicides, but is intended as a guide for herbicides which are phytotoxic to aquatic vegetation. Consult State and Government officials, and herbicide labels for registered use of these herbicides. References used in compiling this list include: (1) Guidelines for Aquatic Weed Control. Florida Department of Natural Resources, Tallahassee. 66 pp.; (2) Thomas, W. T. 1976. Agricultural Chemicals, Book II Herbicides. Thomson Publications, Fresno, California; and (3) Weed Science Society of America. 1974. Herbicide Handbook, 3rd edition. Humphrey Press, Inc., Geneva, New York. 430 pp. Any omissions of herbicides are inadvertent. Please submit corrections or changes for annual revisions of this table.

²The assistance of Mr. W. L. Maier, Jr. and Dr. V. V. Vandiver, Jr. in the preparation of this list is gratefully acknowledged. The assistance of manufacturers and their suppliers in providing labeling information is also acknowledged.

³Addresses of manufacturers are as follows:

- (1) A & V, Inc.; P. O. Box 211; Butler, Wisconsin 53007
- (2) Aceto Chemical Company; 126-02 Northern Blvd.; Flushing, New York 11368
- (3) Amchem Products Company; Ambler, Pennsylvania 19002
- (4) Applied Biochemists; Box 25; Mequon, Wisconsin 53092
- (5) Aquashade, Inc.; Box 117; Dobbs Ferry, New York 10522
- (6) BASF-Wyandotte Corp.; Ag. Chemical Division; 100 Cherry Hill Road; Parsippany, New Jersey 07054
- (7) Cities Service Company; P.O. 50360; Atlanta, Georgia 30302
- (8) Chevron Chemical Company; 940 Hensley Street; Richmond, California 94801
- (9) CIBA-Geigy Corporation; Agricultural Chemicals; P. O. Box 11422; Greensboro, North Carolina 27409
- (10) Colloidal Products Corp.; P. O. Box 621; Petaluma, California 94952
- (11) Diamond Shamrock Company; 1100 Superior Avenue; Cleveland, Ohio 44114
- (12) The Dow Chemical Company; P. O. Box 1706; Midland, Michigan 48640
- (13) E. I. DuPont de Nemours & Company; 7056 DuPont Bldg., Wilmington, Delaware 19898
- (14) Helena Chemical Company; West Helena, Arkansas
- (15) Intercoastal Chemical Company; 6300 Hillcroft; Houston, Texas 77036
- (16) J & B Associates; P. O. Box 660493; Miami Springs, Florida 33166
- (17) KDM Company; P. O. Box 6814; San Antonio, Texas 78209
- (18) Kerr-McGee Chemical Company; Kerr McGee Bldg.; Oklahoma City, Oklahoma 73125
- (19) Modern Aquatic Weed Control; Grand Rapids, Michigan 49501
- (20) Pennwalt Chemical Corp.; 2901 Taylor Way; Tacoma, Washington 98401
- (21) Rhodia, Inc.; 23 Belmont Drive; Somerset, New Jersey 08873
- (22) Sandoz-Wander, Inc.; P. O. Box 1489; Homestead, Florida 33030
- (23) Service Technology Corp.; 2345 West Mockingbird Lane; Dallas, Texas 75235
- (24) Shell Chemical Company; 2401 Crow Canyon Road; San Ramon, California 94583
- (25) Standard Spray and Chemical Company; Lakeland, Florida
- (26) Thompson-Hayward Chemical Company; 5200 Speaker Road; Kansas City, Kansas 66106
- (27) Transvaal, Inc., Jacksonville, Arkansas 72076
- (28) 3M Company; Saint Paul, Minnesota 55101
- (29) Velsicol Chemical Corporation; 341 E. Ohio Street; Chicago, Illinois 60611

⁴Contains a combination of active ingredients.