

# Pesticide Flip Charts (Turf)

Options. That's what turf management is all about. For every problem that can affect a turfgrass stand's health and/or appearance, the manager has many options that he or she can explore to cure it.

Such problems can be solved by using cultural, biological or chemical means. Of those three options, certainly chemical options are the fastest-working. But choosing the proper pesticide is not always fun or easy. To that end, *Landscape & Irrigation* magazine presents on the following pages a handy-dandy set of pesticide flip charts, in a format that is unique in the green industry.

With these charts, you can look up a problem—be it a weed, insect

or disease—and see what chemical controls are available on the market today.

The chemicals in these charts can be used for curative or preventive purposes. Some herbicides (pre-emergence with post-emergence action) and fungicides are considered both.

To use the charts most effectively, find the pest you wish to control in the left-hand column. Then match the numbers following that pest (in the "Control Options" column) with the list of chemical products on page 38.

All number lists are inclusive (e.g. 33-35 means pesticides numbered 33,34 and 35).

In the charts of pesticides, chemical names are given first, followed by trade names in parentheses. Among the insect- and disease-control products, boldface names indicate "Restricted Use" products that require commercial state pesticide application licenses to apply. Not all products are labeled for every state.

For full information on selected pesticides, consult either their labels or manufacturers' technical service representatives. For specific questions, you should consult your county extension agent (turf) and/or your state office of pesticide programs or environmental quality.

## Get Serious With STMA Application for Membership

The Sports Turf Managers Association (STMA) is an organization of professionals representing all segments of the sports turf industry. Our members work to combine the science of growing grass and the art of maintaining sports turf to produce playing fields that are both safe and aesthetically pleasing.

STMA provides members with a variety of benefits, including: education through regional institutes and conferences; support for sports turf research; facilities tours; a national awards program; access to the STMA National Conference and Exhibition; complimentary subscriptions to Sports Turf Manager and sportsTURF Magazine; and much more.

If you're serious about the sports turf industry, then it's time to become a member of STMA. Join today!

### Member Information

Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Employer \_\_\_\_\_  
 Type of Business \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 E-mail Address \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Referred by \_\_\_\_\_  
(STTR)

### Membership Category (please check one)

- |   |       |
|---|-------|
| <input type="checkbox"/> Professional sports turf facility manager                        | \$85  |
| <input type="checkbox"/> Four-year colleges and universities sports turf facility manager | \$85  |
| <input type="checkbox"/> Other schools, research, ext. agents, teaching                   | \$85  |
| <input type="checkbox"/> Parks and recreational sports turf facilities                    | \$85  |
| <input type="checkbox"/> Commercial (US or International)                                 | \$195 |
| <input type="checkbox"/> Additional members from same company                             | \$50  |
| <input type="checkbox"/> Student (non-voting)   | \$20  |
| <input type="checkbox"/> International (other than commercial)<br>(must be in US dollars) | \$85  |

Total amount enclosed \$ \_\_\_\_\_

Please enclose payment (check, money order, Master Card, Visa, Discover or American Express) and send to:

Sports Turf Managers Association, PO Box 3480, Omaha, NE 68103-0480  
 For more information, contact STMA Headquarters at 800/323-3875

"Promoting Better and Safer Sports Turf Areas"

# INSECTS OF TURF AND THEIR CHEMICAL CONTROLS

## INSTRUCTIONS FOR USING THIS SECTION

Insect pests of turf are listed below, in the left column. To find the control products that are labeled for a specific pest, match the numbers following the insect with the list of chemical products in the right column. All numbers are inclusive.

In the chart of chemical products, chemical names are given first, followed by trade names in parentheses. **Boldface names** indicate "Restricted Use" products that require commercial state pesticide application licenses to apply. Not all insecticides are labeled for every state, and different established grass species have varied tolerances.

For full information on insect control, consult either labels of the individual chemicals or technical service departments of the respective manufacturers. For specific questions, you should consult your county extension agent (turf) and/or your state office of pesticide programs or environmental quality.

INSECT	CONTROL OPTIONS	KEY TO CONTROL PRODUCTS (Restricted Use Pesticides in <b>boldface</b> )
Aphid	1, 3, 4, 5, 10, 22, 23, 24, 25	1 = acephate (Acephate Pro 75; Orthene Turf, Tree and Ornamental; Pinpoint; Velocity)
Armyworm	1, 3-8, 10, 18, 21-24, 27	2 = <b>bendiocarb (Turcam)</b>
Bermudagrass mite	3, 5, 10, 11	3 = bifenthrin (Talstar)
Billbug	2-5, 8, 10, 13, 17, 18, 20-24, 26	4 = carbaryl (Carbaryl, Cutworm and Cricket Bait, Grubtox, Insecticide V, Fluid Insecticide, RegalFate, Sevin, 7 Carbaryl Insecticide)
Black turfgrass Aeteniuss	3, 8	5 = chlorpyrifos (Chlorpyrifos, Lawn Insect Granules, Mole Cricket Bait, Cidium, Dichloron 2000, Drexlar Lawn Granules, Dursban, Insect and Grub Control, Insecticide III, Lawn and Ornamental Insecticide, One-Sect IV, Vos-Ban III)
Chinch bug	1-8, 10, 12, 13, 17, 21, 22, 25, 26	6 = chlorpyrifos + DDVP (Dursban/Vapona, DV-One)
Clover mite	3, 6, 7, 10, 11, 22	7 = chlorpyrifos + pyrethrin (Dichloron, IRC-III, Lo-Ban, L.O. Sect, Non-Scents, No Prisoners L.O.)
Cutworm	1, 3-8, 10, 17, 18, 21-28	8 = cyfluthrin (Tempo)
Darkling ground beetle	3, 25	9 = cypermethrin (Cynoff, Demon TC)
Earwig	1-10, 17, 22, 24-26	10 = diazinon (Diazinon, Evict, Lawn and Garden Insecticide, Knox Out)
European chafer	4	11 = dicofol (Kelthane)
Fall armyworm	1, 3-5, 18, 21, 22, 25	12 = ethion (Ethion)
Fire ant	1-5, 8-10, 15, 19, 21, 22, 25	13 = <b>ethoprop (Mocap)</b>
Formula grass mite	3	14 = <b>fenamiphos (Nemacur)</b>
Greenbug	1, 5, 24	15 = fenoxycarb (Award)
Green June beetle	4, 22	16 = fipronil (Chipco Choice)
Ground beetle	2, 25	17 = fonofos (Crusade, Mainstay)
Ground pearl	24	18 = halofenozide (Mach 2)
Hyperodes weevil	4-8, 10, 13, 18, 20-23, 25, 26	19 = hydramethylnon (Amdro, Siege)
Japanese beetle	1, 2-5, 8, 22, 23, 25, 26	20 = imidacloprid (Merit)
June beetle	4, 5, 22, 24, 25	21 = <b>isofenphos (Oftanol, Insecticide IV)</b>
Leathopper	1, 2-5, 10, 22-25	22 = lambda-cyhalothrin (Battle, Scimitar)
Mole cricket	1, 2-5, 8, 10, 13, 16, 17, 20-23, 25, 26, 28	23 = <b>lindane (Lindane)</b>
Nematode	13, 14	24 = malathion (Malathion)
Rhodesgrass scale	10	25 = permethrin (Astro, Dragnet, Flee, Permethrin Turf and Ornamental, Perm-X)
Sod webworm	1-8, 10, 12, 13, 17, 18, 21-23, 25-28	26 = pyrethrin (Exciter)
Spittlebug	4, 5, 10	27 = spinosad (Conserve)
White grub	2, 4-7, 10, 13, 17, 18, 20-23, 25, 26	28 = trichlorfon (Dylox, Grub Beater, Grub Control with Dylox, Insecticide VI, Larva-Lur, Proxol, Trichlorfon, White Grub and Sod Webworm Insecticide, White Grub Control)
Winter grain mite	5	

# DISEASES OF TURF AND THEIR CHEMICAL CONTROLS

## INSTRUCTIONS FOR USING THIS SECTION

Diseases of turf are listed below, in the left column. To find the control products that are labeled for a specific fungus, match the numbers following the insect with the list of chemical products in the right column. All numbers are inclusive.

In the chart of chemical products, chemical names are given first, followed by trade names in parentheses. **Boldface names** indicate "Restricted Use" products that require commercial state pesticide application licenses to apply. Not all products labeled in all states, and different established grass species have varied tolerances.

For full information on disease control, consult either labels of the individual chemicals or technical service departments of the respective manufacturers. For specific questions, consult your county extension agent (turf) and/or your state office of pesticide programs or environmental quality.

DISEASE	CONTROL OPTIONS	KEY TO CONTROL PRODUCTS (Restricted Use Pesticides in <b>boldface</b> )
Algae	7, 17, 23	1 = anilazine (Dyrene)
Anthracnose	2, 7-10, 12, 24-26, 28, 29	2 = azoxystrobin (Heritage)
Brown patch/Rhiz. blight/Pink patch	1, 2, 9, 16, 17, 19, 20-31	3 = benomyl (Benomyl)
Copper spot	1, 7-10, 12, 14, 17, 19, 24, 26, 29	4 = captan (Captan, Captec)
Coprinus snow mold	24	5 = chloroneb (Fungicide V, Teremec, Terraneb)
Curvularia	7, 8, 23, 24	6 = chloroneb + thiophanate-methyl (Fungicide IX)
Damping off	4, 11, 17, 18, 21, 30	7 = chlorothalonil (Chlorostar, Daconil 2787, Echo, Lite, Lawn Fungicide 2787, Manicure, Monterey Bravo, Turf Fungicide, Thalonil)
Dollar spot	7, 9, 16, 17, 19, 20, 22-31	8 = chlorothalonil + fenarimol (Two-Some)
Downy mildew/Yellow tuft	15, 17, 18	9 = <b>chlorothalonil + thiophanate-methyl (ConSyst)</b>
Fairy ring	13, 23	10 = cyproconazole (Sentinel)
Fusarium blight	3, 8, 12, 16, 17, 21, 24, 29	11 = etridiazole (Koban, Terrazole)
Gaeumannomyces g. graminia	21, 24, 29	12 = fenarimol (Rubigan, Patchwork)
Gray leaf spot/Typhula blight	7-10, 21, 23, 24	13 = flutolanil (ProStar)
Gray snow mold	1, 2, 5-8, 10, 12, 13, 22, 27, 29, 31	14 = flutolanil + triadimefon (ProStar Plus)
Helminthosporium leaf spot	1, 4, 7-9, 17, 20, 22-26, 28, 31	15 = fosetyl al (Aliette, Prodigy)
Melting out	1, 2, 4, 7, 17, 19, 20, 25, 28, 31	16 = iprodione (Chipco 26019, Fungicide X)
Necrotic ring spot	2, 8, 10, 12, 16, 19, 22, 24	17 = mancozeb (Dithane, Fore, Formec, Mancozeb, Protect)
Pink snow mold/Fusarium patch	2, 3, 6, 8, 10, 12, 14, 16, 17, 20, 22, 24-29, 31	18 = metalaxyl (Pythium Control, Subdue Maxx)
Powdery mildew	8-10, 12, 14, 19, 22, 29	19 = myclobutanil (Eagle)
Pythium blight	2, 5, 6, 11, 15, 17, 18, 21, 23, 30	20 = PCNB (Defend, PCNB, Engage, Revere, Penstar, Terraclor, Turficide)
Red leaf spot	1, 9, 16, 22, 23	21 = propamocarb (Banol)
Red thread/Pink patch	2, 8-11, 12-14, 16, 17, 19, 22, 24, 26, 29, 31	22 = propiconazole (Banner Maxx)
Rust	1, 7, 8, 10, 17, 19, 22, 23, 26, 28, 29	23 = quarternary ammonium (Physan)
Slime mold	17	24 = thiophanate-methyl (Cleary's 3336, Cavalier, Fungo Flo, SysTec, Systemic Fungicide)
Smuts	3, 10, 12, 19, 21, 24, 29	25 = thiophanate-methyl + iprodione (Fluid Fungicide)
Southern blight/Sclerotium blight	3, 6, 10, 13, 14, 23, 29	26 = thiophanate-methyl + mancozeb (Duosan)
Spring dead spot	2, 8, 12, 19, 22, 24	27 = thiram (Spotrete, Lawn Disease Control, Thiram)
Summer patch	2, 8, 10, 12, 19, 22, 24, 29	28 = thiram + triadimefon (Fluid Fungicide II)
Take-all patch	2, 8, 12, 22, 24, 29	29 = triadimefon (Turf Fungicide with Bayleton, Accost, Bayleton, Granular Turf Fungicide, Fungicide VII, Fungi-Fighter, Lawn Fungicide Bayleton 1G, Turf Fungicide, Turf Fungicide Granules)
Zoysia patch/Rhizoctonia solani	2, 22, 24, 27, 29	30 = triadimefon + metalaxyl (Fluid Fungicide II)
		31 = vinclozolin (Curalan, Touche, Vortan)

# WEEDS AND THEIR CHEMICAL CONTROLS

## INSTRUCTIONS FOR USING THIS SECTION

Weeds are listed in two categories, "Broadleaf" and "Grassy." To find the control products that are labeled for a specific weed, match the numbers following the weed (in the "Control Options" column) with the list of chemical products on page 19. In the lists of broadleaf and grassy weeds, **boldface numbers** indicate a chemical that is labeled for pre-emergence control. No boldface indicates post-emergence control. All numbers are inclusive.

In the chart of chemical products on the next page, chemical names are given first, followed by trade names in parentheses. **Boldface names** indicate "Restricted Use" products that require commercial state pesticide application licenses to apply. Not all herbicides are labeled for every state, and different established grass species have varied tolerances.

For full information on weed control, consult either labels of the individual chemicals or technical service departments of the respective manufacturers. For specific questions, you should consult your county extension agent (turf) and/or your state office of pesticide programs or environmental quality.

BROADLEAF WEEDS	CONTROL OPTIONS	BROADLEAF WEEDS	CONTROL OPTIONS
Bindweed	8, 14-18, 23, 25, 36, <b>37</b> , 38-42, 59	Oxalis (woodsorrel)	<b>5, 50, 53, 54</b>
Black medic	15, 17-23, 25, 36, <b>36, 37</b> , 38-42, 59, 60	Parsley-plant	2, 15, 23, <b>28, 36, 41, 45, 58</b>
Carpetweed	<b>4, 14-16, 23, 24, 25, 37-41, 45, 49, 50, 53, 54, 58</b>	Pennycress	9, 14, 15, 25, 38, 40
Chickweed	2, <b>4, 11, 14-25, 28-30, 36-42, 45, 46, 49, 53, 54, 55, 58, 60</b>	Pennywort	14-17, 19, 21, <b>36, 37, 39-42</b>
Chicory	14-18, 20-23, 25, 39-41, 59	Plantain	11, 14-23, 25, <b>37-42, 59, 60</b>
Clover	11, 14-23, 25, 30, <b>30, 36, 37</b> , 38-42, 45, <b>53, 58, 59, 60</b>	Purslane	2, <b>4, 7, 8, 11, 14-22, 24-25, 28, 30, 37-42, 49, 53, 54, 58</b>
Cocklebur	2, 2, 7-9, 14, 15, 17, 18, 23, 25, 38-41, 60	Ragweed	2, 7-9, 11, 14-22, 25, <b>37-42, 47, 49, 58, 59, 60</b>
Cudweed	2, 8, 17, 25, 36, <b>36, 37, 53</b>	Shepardspurse	2, <b>4, 6, 7, 9, 11, 14-18, 20-22, 25, 28, 37-41, 45, 49, 53, 58</b>
Dandelion	11, 14-23, 25, <b>36, 36, 37</b> , 38-42, 59, 60	Sorrel	<b>54, 55, 60</b>
English daisy	15-17, 19, 21, 25, 39-41, 60	Speedwell	15-22, 25, 36, <b>37, 39-41, 55, 60</b>
Evening primroses	8, 15, 17, 25, 36, <b>36, 53</b>	Spurge	2, 8, 11, 15-24, <b>28, 37, 39-42, 45, 50, 53, 54, 58</b>
Goatsbeard	14, 15, 38, 40	Spurweed	2, <b>4, 5, 15-25, 28, 37-42, 45, 49, 50, 53, 54, 59, 60</b>
Ground ivy	14-23, 25, 39-42, 59, 60	Stinkweed	2, 23, 39-41, 45, <b>58, 60</b>
Groundsel	<b>4, 9, 11, 16, 37, 49, 58</b>	Thistle	14, 15, 38
Hairy bittercress	<b>28, 36, 36, 37, 49</b>	Velvetleaf	2, 7, 8, 9, 11, 14-18, 20, 25, <b>37-42, 59, 60</b>
Healall	14-22, 39-41	Veronica	2, <b>4, 7-9, 11, 14, 18, 25, 37, 39, 40, 49, 53</b>
Henbit	2, <b>4, 6, 11, 14-18, 20-23, 25, 28, 36, 37, 39-42, 45, 49, 53, 54, 58, 60</b>	Vetch	15, <b>37, 39-41</b>
Jimsonweed	2, 7-9, 14-18, 25, <b>37-41</b>	Violet	2, 14, 15, 17, 23, 25, 38, 40, 41, 59, 60
Knotweed	2, <b>4, 9, 11, 14-23, 25, 37-42, 45, 49, 53, 54</b>	Virginia buttonweed	11, 15, 17, 23, 36, 40, 41, 59, 60
Kudzu	17, 25	Wild aster	2, <b>36, 50</b>
Lambsquarters	2, <b>6-9, 11, 14-25, 37-42, 49, 50, 53, 54, 58, 59, 60</b>	Wild buckwheat	14-17, 22, <b>37, 39-41</b>
Lawn burweed	16, 36, <b>53, 58</b>	Wild carrot	2, 7-9, 14, 15, 25, 60
Lespedeza	15, 16, 18, 20, 23, <b>28, 39, 41, 59, 60</b>	Wild garlic	<b>4, 11, 14-18, 20-23, 25, 37-41, 59, 60</b>
Mallows	<b>4, 11, 14-23, 25, 37, 39-41, 49, 60</b>	Wild onion	11, 14-23, 25, 36, 39-41
Mustards	2, <b>4, 7-9, 11, 14-18, 23, 25, 37-41, 45, 49, 55, 60</b>	Yarrow	11, 14, 16-22, 25, 36, 39-41
Nettles	14, 15, 18, 25, 37-40, <b>50</b>	Yellow woodsorrel	11, 15-23, 25, 39-42

GRASSY WEEDS	CONTROL OPTIONS	GRASSY WEEDS	CONTROL OPTIONS
Annual bluegrass	2, 2-6, 24, 27, 28, 30, 30, 36, 37, 44, 45, 48, 49, 50, 53-55, 55, 58	Fall panicum	4, 6, 24, 31, 32, 49, 50, 53, 54, 56, 58
Annual ryegrass	4, 6, 11, 49, 56	Foxtail	2-6, 12, 24, 28, 30, 31, 32, 37, 46, 49, 50, 53, 54, 56, 57, 58
Bahiagrass	29, 46, 56	Goosegrass	1, 3-6, 12, 22, 24, 26, 28, 31, 32, 37, 45, 46, 48, 49, 50, 51, 53, 54, 56, 57, 58
Barnyardgrass	2-6, 12, 24, 28, 29, 30, 31, 32, 37, 46, 49, 50, 53, 54, 56-58	Johnsongrass	4, 24, 31, 32, 49, 53, 54, 56
Bermudagrass	30, 31, 32, 56	Nutsedge	7, 8, 12, 22, 29, 30, 35, 36, 38, 40, 44, 46
Bromes	46, 55, 55	Orchardgrass	55, 56
Carpetgrass	46, 55, 55	Perennial ryegrass	11, 36, 36, 55
Centipedegrass	46, 50	Quackgrass	32, 55, 56
Crabgrass	46	Tall fescue	11, 36, 36, 56
Dallisgrass	1, 2-6, 12, 22, 24, 28-30, 31, 32, 36, 37, 44, 46, 48-51, 53, 54, 56, 57, 58	Texas panicum	31, 32, 53, 54, 56
		Wild oats	2, 4, 49, 56

### KEY TO CONTROL PRODUCTS

(Restricted Use Pesticides in boldface)

- 1 = asulam (Asulox)
- 2 = **atrazine (Atrazine)**
- 3 = benefin (Balan)
- 4 = benefin + oryzalin (XL)
- 5 = benefin + trifluralin (Team)
- 6 = bensulfide (Bensumec, Pre-San, Betasan, Weedgrass Preventer)
- 7 = bentazon (Basagran, Lescogran, Nutgrass Nihilator)
- 8 = **bentazon + atrazine (Prompt)**
- 9 = bromoxynil (Buctril)
- 10 = cacodylic acid (Montar)
- 11 = chlorsulfuron (TFC)
- 12 = calcium acid methanearsonate (CGK-89, HS-140)
- 13 = number not used
- 14 = 2,4-D (Dymec, Weedone LV4)
- 15 = 2,4-D + chlorypyralid + dicamba (Millennium Ultra)
- 16 = 2,4-D + dicamba (Four Power Plus, Lawn Weed Killer, Triple D Lawn Weed Killer, 81 Selective Weedkiller)
- 17 = 2,4-D + dichlorprop (Fluid Broadleaf Weed Control, Weedone DPC Ester, Weedone Amine)
- 18 = 2,4-D + dichlorprop + dicamba (Super Trimec, Brushmaster)
- 19 = 2,4-D + MCP (2D Amine + 2 MCP, 2 Plus 2, MCP-2-4D)
- 20 = 2,4-D + MCP + dicamba (Bentgrass Selective

- Weed Killer, Three-Way Selective, Brush-Cut, Brush Whacker, Granular Broadleaf Weed Killer, HS-130, MecAmine D, SNS-2000, Strike 3, Three-Way Lawn Weed Killer, Trimec, Triplet)
- 21 = 2,4-D + MCP + dichlorprop (Broadleaf Granular Herbicide, Three-Way Ester, Dissolve, Triamine, Jet-Spray 3-Way Weed Control)
- 22 = 2,4-D + MCP + MSMA + dicamba (Trimec Plus)
- 23 = 2,4-D + trichlorop (Basamid, Turflon II Amine)
- 24 = DCPA (Dacthal, Super Dacthal 686, Turf & Ornamental Herbicide, Garden Turf & Ornamental Herbicide)
- 25 = dicamba (Vanquish, K-O-G Weed Control)
- 26 = **diclofop (Illoxan)**
- 27 = diquat (Aquatate, Reward, Vegetrol, Watrol, HNS-210)
- 28 = dithiopyr (Dimension)
- 29 = DSMA (DSMA, Methar 30)
- 30 = ethofumesate (Progress)
- 31 = fenoxaprop (Acclaim Extra)
- 32 = fluzifop-P-butyl (Fusilade II)
- 33 = glufosinate-ammonium (Finale)
- 34 = glyphosate (Hoedown, Quick Claim, Trailblazer, Roundup Pro, HNS-220, Avail)
- 35 = halosulfuron (Manage)
- 36 = imazaquin (Image)
- 37 = isoxaben (Gallery)
- 38 = MCPA (MCPA-4 Amine)
- 39 = MCPA + MCP + dicamba (Trimec Encore, Hat Trick, Tri-Power)
- 40 = MCPA + MCP + dichlorprop (Triamine II, Tri-

- Ester II, Turf Weeder)
- 41 = MCPA + triclopyr + dicamba (Cool Power, Horsepower)
- 42 = mecoprop/MCPP (Certi-CM, Chemweed 265, HS-167, Milpro 360, MCP-4 Amine, MCP-4K, Mecomec)
- 43 = methyl bromide (Brom-O-Gas, Terr-O-Gas, MB-98, MBC)
- 44 = metolachlor (Pennant)
- 45 = metribuzin (Sencor 75)
- 46 = MSMA (MSMA, Crabgrass Killer, Daconate, Drexar 530, Summer Crabicide, Super Crabgrass Killer, Weed Hoe, 120 Herbicide, 912 Herbicide)
- 47 = MSMA + cacodylic acid (Broadside, Monside)
- 48 = napropamide (Ornamental Herbicide 5G)
- 49 = oryzalin (Surflan, Weed Stopper)
- 50 = oxadiazon (Ronstar)
- 51 = oxadiazon + bensulfide (Goosegrass/Crabgrass Control)
- 53 = pendamethalin (Pendulum, Pre-M, Turf Weedgrass Control, Turf and Ornamental Weedgrass Control)
- 54 = prodiamine (Barricade)
- 55 = **pronamide (Kerb)**
- 56 = sethoxydim (Grass Getter, Vantage)
- 57 = siduron (Crabgrass Control, Crabgrass Preventer and Weed Killer, Tupersan, Super Tupersan)
- 58 = simazine (Princep, Simazine, Sim-Trol, Wynstar)
- 59 = triclopyr (Turflon Ester)
- 60 = triclopyr + clopyralid (Confront)

# TURF PESTICIDES AND THEIR SUPPLIERS

## Herbicides

120 (Riverside)	Finale (AgrEvo)	Reward (Zeneca)	(Monterey)	Defend (W.A. Cleary)
2 Plus 2 (ISK Biosciences)	Fluid Broadleaf Weed Control (Scotts)	Roundup (Monsanto)	Acephate Pro (Micro Flo)	Dithane (Rohm & Haas)
2,4-D (PBI/Gordon, Rhone-Poulenc, Riverdale, So. Ag Insecticides)	Four Power Plus (United Hort. Supply)	Rout (Scotts)	Amro Flo, Prentiss, SureCo	Duosan (Scotts)
2-D Amine + MCPP (Riverdale)	Fusilade II (Zeneca)	Sencor (Bayer)	Astro (FMC)	Dyrene (Bayer)
81 Selective Weedkiller (Riverdale)	Gallery (DowAgro)	Sim-Trol (Sostrom)	Battle (Lesco)	Eagle (Rohm & Haas)
912 (Riverside)	Garden Turf & Ornamental Herbicide (Bonide)	Sosiram	Carbaryl (Drexel)	Echo (Sostrom)
Acclaim Extra (AgrEvo)	Goosegrass/Crabgrass Control (Scotts)	SNS-2000 (Chemsearch)	Chipco Choice (Rhone-Poulenc)	Engage (United Hort. Supply)
Aquatate (Certified Labs)	Granular Broadleaf Weed Killer (Lebanon)	Southern Weedgrass Control (Scotts)	Chipco Mocop (Rhone-Poulenc)	Fluid Fungicide I (Scotts)
Asulox (Rhone-Poulenc)	Hat Trick (United Hort. Supply)	St. Augustine Weed Control (Scotts)	Chlorpyrifos (Howard Johnson's, Micro Flo)	Fluid Fungicide II (Scotts)
Riverside, So. Ag Insecticides, Sostrom, United Hort. Supply)	Killer (Lebanon)	Strike 3 (Terra)	Cidium (Check-Mark)	Fluid Fungicide III (Scotts)
Atrazine (Drexel, Lesco)	Hat Trick (United Hort. Supply)	Super Crabgrass Killer (Rockland)	Consense (DowAgro)	Fore (Rohm & Haas)
Riverside, So. Ag Insecticides, Sostrom, United Hort. Supply)	HNS-210 (Check-Mark)	Super Dacthal 686 (Rockland)	Crusade (Lesco, Zeneca)	Forme (PBI/Gordon)
Balan (DowAgro, Lebanon, Lesco, Rockland, United Hort. Supply)	HNS-220 (Check-Mark)	Super Tupersan (Rockland)	Cutworm and Cricket Bait (So. Ag Insecticides)	Fungi-Fighter (Monterey)
Barricade (Novartis)	Hoedown (Chemsearch)	Team (DowAgro, Lebanon, Lesco, United Hort. Supply)	Cynoff (FMC)	Fungicide V (Scotts)
Basagran (BASF)	Horsepower (Riverdale)	Terr-O-Gas (Great Lakes)	DC-One (Prentiss)	Fungicide VII (Scotts)
Basamid (BASF)	HS-130 (Check-Mark)	TEC (Lesco)	Demon (Zeneca)	Fungicide IX (Scotts)
Bentgrass Selective Weed Killer (Lesco)	HS-140 (Check-Mark)	Three-Way (Lesco)	Diazinon (Bonide, Drexel, Howard Johnson's, Lesco, Rockland, So. Ag Insecticides, SureCo, Terra, United Hort. Supply)	Fungicide X (Scotts)
Belasan (Bonide, Lebanon, United Hort. Supply)	Image (American Cyanamid)	Three-Way Lawn Weed Killer (Rockland)	Dichloron (Chemsearch)	Fungo (Scotts)
Broadleaf Granular Herbicide (Lesco)	Jet Spray 3-Way Weed Control (Scotts)	Trail Blazer (Mantek)	Dragnet (FMC)	Granular Turf Fungicide (Lesco)
Broadside Grass Getter (Monterey)	K-O-G Weed Control (Scotts)	Trex-San (Scotts)	Dursban (Bonide, Dow Agro, Lesco, Prentiss, Rockland, So. Ag Insecticides, SureCo, United Hort. Supply)	Heritage (United Hort. Supply, Zeneca)
Brom-O-Gas (Great Lakes)	Kerb (Rohm & Haas)	Tri-Ester (Riverdale)	Dycarb (Scotts)	Koban (Scotts)
Brush Whacker (Mantek)	Kleen-Up (Bonide)	Tri-Power (Riverdale)	Ethion (FMC, Micro Flo)	Lawn Disease Control (Bonide)
Brush-Out (Certified Labs)	Knox Out (Cleary)	Triamine (Riverdale)	Exciter (Prentiss)	Lawn Fungicide 2787 (Rockland)
Brushmaster (PBI/Gordon)	Lawn Weed Killer (Bonide)	Trimex Plus (PBI/Gordon)	Fee (FMC)	Lawn Fungicide Bayleton 1G (Howard Johnson's)
Bucitril (Rhone-Poulenc)	Lescogran (Lesco)	Triple D Lawn Weed Killer (Rockland)	Fluid Insecticide (Scotts)	Mancozeb (Bonide, Lesco)
Certi-CM (NCH)	MB-98 (Hendrix & Dale)	Triplet (Riverdale)	Grub Beater (Bonide)	Manicure (Lesco)
CGK-89 (Chemsearch)	MBC (Hendrix & Dale)	Tupersan (PBI/Gordon)	Grub Control with Dylax (Lebanon)	Patchwork (Riverdale)
Chemweed 265 (NCH)	MCPA-4 Amine (Riverdale)	Turf & Ornamental Herbicide (Bonide)	Grub Control with Dylax (Lebanon)	PCNB (W.A. Cleary)
Chipco Ronstar (Rhone-Poulenc)	MCPP-2,4-D (W.A. Cleary)	Turf & Ornamental Herbicide (Bonide)	Grub Control with Dylax (Lebanon)	Penstar (Scotts)
Confront (DowAgro)	MCPP-4K (United Hort. Supply)	Turf & Ornamental Weedgrass Control (Scotts)	Insect and Grub Control (Lebanon)	Prodigy (Lesco)
Cool Power (Riverdale)	Mac Amine (United Hort. Supply)	Turf D+DP (Riverdale)	Insect and Grub Control (Lebanon)	Prostar (AgrEvo)
Crabgrass Killer (Bonide)	Mecomec (PBI/Gordon)	Turf Weeder (Howard Johnson's)	Insect and Grub Control (Lebanon)	Protect (W.A. Cleary)
Crabgrass Preventer (United Hort. Supply)	Melhar (W.A. Cleary)	Turf Weedgrass Control (Scotts)	Insecticide III (Scotts)	Pythium Control (Scotts)
Crabgrass Preventer and Weed Killer (Bonide)	Millennium Ultra (Riverdale)	Turf Weedgrass Control (Scotts)	Insecticide IV (Scotts)	Revere (Lesco)
Daconate (ISK Biosciences)	Milpro 360 (NCH)	Turfion Ester (Monterey)	Insecticide V (Scotts)	Rubigan (DowAgro)
Dacthal (ISK Biosciences)	Monicide (Monterey)	Vantage (BASF)	Insecticide VI (Scotts)	Sentinel (Novartis)
Dimension (Best, Rohm & Haas)	Montar (Monterey)	Vegetol (Mantek)	IRC-III (Check-Mark)	Spotrete (W.A. Cleary)
Dissolve (Riverdale)	MSMA (Bonide, Lesco, United Hort. Supply)	Watrol (Chemsearch)	Keithane (Bonide, Rohm & Haas)	Subdue Maxx (Novartis)
DMC Weed Control (Scotts)	Nutgrass Nihilator (Monterey)	Weed Hoe (Monterey)	Knox Out (W.A. Cleary)	Systemic Fungicide (Scotts)
Drexar (Drexel)	Pendulum (American Cyanamid)	Weed Preventer (Bonide)	L.O. Sect (Mantek)	Teramec (PBI/Gordon)
DSMA (Drexel, Riverside)	Pennant (Novartis)	Weedgrass Preventer (Scotts)	Larva-Lur (Prentiss)	Terraneb (Kincaid)
Envoy (Valent)	Pre-M (Lesco)	Weedone (Rhone-Poulenc)	Law and Garden Insecticide (Lebanon)	Thaloni (Terra)
	Pre-San (PBI/Gordon)		Lawn and Ornamental Insecticide (Bonide)	Touche (Lesco)
	Princeps (Novartis)		Lawn Insect Granules (Micro Insecticide)	Turf Fungicide (Lebanon)
	Progress (AgrEvo)			Turf Fungicide Granules (So. Ag Insecticides)
	Prompt (BASF)			Turf Fungicide With Bayleton (Bonide, Rockland)
	Quick Claim (Certified Labs)			TwoSome (Lesco)
				Vorian (Scotts)

## Insecticides

7 Carbaryl Insecticide

## Fungicides

Accost (United Hort. Supply)	Ailette (Monterey, Rhone-Poulenc, Riverside)	Baner Maxx (Novartis)	Banol (AgrEvo)	Bayleton (Bayer)	Benomy (Bonide)	Bravo (Monterey)	Captan (Bonide, Drexel, Micro Flo, SureCo)	Captec (Micro Flo)	Cavaller (Lesco)	Chipco 26019 (Rhone-Poulenc)	Chlorstar (Regal)	Cleary's 3336 (W.A. Cleary)	ConSyst (Regal)	Curalan (BASF)	Daconil 2787 (Zeneca)
------------------------------	--	-----------------------	----------------	------------------	-----------------	------------------	--	--------------------	------------------	------------------------------	-------------------	-----------------------------	-----------------	----------------	-----------------------