

Herbicides

Armor Tech (www.utaarmortech.com)

Product name	Active Ingredient	For use in/on
Atrazine	Atrazine	Season-long control of annual grassy and broadleaf weeds in warm-season turf, conifers and ornamentals
Cavalcade PQ	Prodiamine, Quinclorac	Preemergence and extended postemergence control of grassy and broadleaf weeds
Cavalcade 65WDG	Prodiamine	Long-residual preemergence control of 30 grassy and broadleaf weeds, including crabgrass, Poa annua, goosegrass, prostrate spurge, common purslane and knotweed
Eject 4L	Quinclorac	Extended postemergence control of grassy and broadleaf weeds, such as crabgrass (including mature plants), foxtail, barnyard grass, clover, dandelion, black medic, wild violet and others.
Sim-Trol	Simazine	Both preemergence and postemergence control of nearly 50 annual grassy and broadleaf weeds in warm-season turfgrass and ornamental

Bayer Environmental Science (www.backedbybayer.com/golf-course-management)

Product name	Active Ingredient	For use in/on
Acclaim Extra	fenoxaprop-p-ethyl	Barnyardgrass, foxtail species, goosegrass, hairy crabgrass, Japanese stiltgrass, Johnsongrass (seedling), large crabgrass, Panicum species, sandbur, silver crabgrass, smooth crabgrass, sprangletop
Celsius WG	thiencarbazone-methyl, iodo-sulfuron-methyl and dicamba	Broadleaf weeds: American burnweed, chamberbitter, common purslane, dollarweed, Florida betony, Florida pusley, lawn bur weed, Lespedeza, prostrate spurge, spotted spurge, Virginia buttonweed
Finale	glufosinate-ammonium	Grassy weeds: Bull paspalum, carpetgrass, Dallis grass (suppression), doveweed, large crabgrass Broadleaf weeds: Burdock, chickweed, clover, common cocklebur, dandelion, dogbane, filaree, jimsonweed, Kochia, London rocket, Malva, marestail, purslane, shepherd's purse, smartweed Grasses and sedges: Annual bluegrass, barnyard grass, crabgrass, cupgrass, fall panicum, fescue, giant foxtail, goose grass, Kentucky bluegrass, lovegrass, shattercane, smallflower Alexander, stinkgrass, windgrass, yellow foxtail Woody species: Blackberry, conifers, greenbriar
Illoxan	diclofop-methyl	Barnyardgrass, foxtail species, goosegrass, hairy crabgrass, Japanese stiltgrass, Johnsongrass (seedling), large crabgrass, Panicum species, sandbur, silver crabgrass, smooth crabgrass, sprangletop
Prograss EC	ethofumesate	barnyardgrass, burclover, canary grass, common chickweed, common purslane, green foxtail, large crabgrass, Poa annua, pre-emergent/annual grasses, redroot pigweed, smooth crabgrass, white clover, yellow foxtail
Prograss SC	ethofumesate	barnyardgrass, burclover, canary grass, common chickweed, common purslane, green foxtail, large crabgrass, Poa annua, pre-emergent/annual grasses, redroot pigweed, smooth crabgrass, white clover, yellow foxtail
Revolver	foramsulfuron	Bentgrass, centipede grass (suppression), Dallis grass (suppression), goose grass, Kentucky bluegrass, Poa annua, Poa trivialis, rye grass, tall fescue
Ronstar 50 WSP	oxadiazon	Broadleaf weeds: Bittergrass, bristly oxtongue, carpetweed, cheeseweed, common groundsel, common purslane, evening prim rose ragwort, lambsquarters, liverwort, oxalis, Pennsylvania smartweed, prostrate spurge, redroot pigweed, sow thistle, speed well, spotted catsear, swinecress, yellow woodsorrel
Ronstar FLO	oxadiazon	Grassy weeds: Annual bluegrass, barnyardgrass, crabgrass, fall panicum, goose grass, green foxtail, wild oats Broadleaf weeds: Bittergrass, bristly oxtongue, carpetweed, cheeseweed, common groundsel, common purslane, evening primrose ragwort, lambsquarters, liverwort, oxalis, Pennsylvania smartweed, prostrate spurge, redroot pigweed, sow thistle, speedwell, spotted catsear, swinecress, yellow woodsorrel
Sencor 75%	metribuzin	Grassy weeds: Annual bluegrass, barnyardgrass, carpetgrass, crabgrass, fall panicum, goose grass, green foxtail, wild oats Annual bluegrass (Poa annua), bedstraw1, carpetweed, chickweed, corn speedwell1, goosegrass1, henbit1, littleseed canarygrass, parsley-piert1, prostrate knotweed1, rabbitfootgrass, red deadnettle1, shepherdspurse, spotted spurge1, spur weed1, white clover, wild mustard
Specticle 20 WSP	indaziflam	Broadleaf weeds: American black nightshade, bittercress, California burclover, carpetweed, clover, common chickweed, common groundsel, common purslane, dandelion, doveweed, eclipta, evening primrose cutleaf, Florida pusley, hairy fleabane, horse weed, Kochia, lambsquarters, lawn burweed, Lespedeza, little mallow, oxalis, panicle willowherb, plantain, prostrate pigweed, redmaids, shepherd's purse, sowthistle (annuals), spurge, swinecress, wild mustard Grassy weeds: Annual bluegrass/Poa, cheatgrass, common barnyardgrass, crabgrass, foxtail brome, giant foxtail, goose grass, green foxtail, guineagrass, large/hairy crabgrass, mouse barley, nutsedge (annual), perennial ryegrass, rice flatsedge, smooth crabgrass, tufted lovegrass, yellow foxtail
Tribute Total	foramsulfuron, thiencarbazone-methyl, halosulfuron-methyl	Chickweed, clover, crabgrass (large, smooth), dallisgrass, dandelion, dollarweed, doveweed, fescue, goosegrass, henbit, kylinga, nutsedge, plantain, ryegrass

DuPont Professional Products (www.proproducts.dupont.com)

Product name	Active Ingredient	For use in/on
TranXit	Rimsulfuron	Spring use of TranXit controls ryegrass to give bermudagrass the opportunity for more rapid and complete reestablishment after winter dormancy. Then follow-up with a fall application of TranXit to control annual bluegrass prior to overseeding for the winter.

Syngenta (www.syngentaprofessionalproducts.com)

Product name	Active Ingredient	For use in/on
Tenacity	Mesotrione	Can be used at seeding to help eliminate weeds so new grass can flourish. Pre- and post-emergent control of more than 46

Product name	Active Ingredient	For use in/on
Monument 75WG	Trifloxysulfuron-Sodium	broadleaf weeds and grasses in two convenient pack sizes - 8oz. bottle or one-gallon jug. Selective post-emergent herbicide for the control of sedges, certain grasses and broadleaf weeds in bermudagrass and zoysiagrass. Available in a new water soluble 0.5 gram package for spot treatments or the 5 gram size for larger areas.
Fusilade II	Fluazifop-P-butyl	Selective post-emergent herbicide that controls many common perennial and annual grass weeds and is rainfast one hour after application. Effective at low rates to remove bermudagrass from tall fescue and zoysiagrass.

FMC Professional Solutions (www.fmcprosolutions.com)

Product name	Active Ingredient	For use in/on
Blindside	Sulfentrazone + Metsulfuron	Postemergent control of 70 broadleaf weeds including dollarweed, doveweed and buttonweed. Virtually all types of warm-season turf, even St. Augustinegrass.
SquareOne	Carfentrazone + Quinclorac	Crabgrass and small broadleaf weeds at time of seeding (up to one day before or 7 days after emergence on most grasses)
Echelon	Sulfentrazone + Prodiamine	Preemergence crabgrass, sedge, and goosegrass. Fall applications for the control of poa annua.
Dismiss	Sulfentrazone	Warm and cool season turf: Fast, visible postemergence control of sedges, including yellow nutsedge, purple nutsedge (2 apps), and green kyllinga.
Dismiss South	Sulfentrazone + Imazethapyr	Warm season turf (excluding St. Augustine). Fast, visible postemergence control of sedges, with a focus on purple nutsedge.
Dismiss CA	Sulfentrazone	Fast, visible postemergence control of sedges, including yellow nutsedge and green kyllinga.
Solitare	Sulfentrazone + Quinclorac	Postemergence sedges, crabgrass, and broadleaf weeds in a single product.
QuickSilver	Carfentrazone	Silvery Thread Moss (more golf related). Broadleaf tank-mix partner to speed up the results of other products.

BASF (www.betterturf.basf.us)

Product name	Active Ingredient	For use in/on
Drive XLR8	Quinclorac	Bindweed, Clover, Crabgrass, Dandelion, Dollarweed, Foxtail, Kikuyugrass, Signalgrass, Speedwell, Torpedograss
Onetime	Quinclorac, MCP-P and dicamba	Crabgrass, foxtail, torpedograss, wild violet, dollarweed and ground ivy.
Pendulum 2G	Pendimethalin	Crabgrass, goosegrass, oxalis, henbit, spurge and nearly 40 other broadleaf and grassy species.
Pendulum AquaCap	Pendimethalin	Field Sandbur, Woolly Cupgrass, Lawn Burweed, Hop Clover, Cudweed, Evening Primrose, Fiddleneck, Filaree, Puncturevine, Pennsylvania Smartweed, Annual Spurge, Chickweed Species, Yellow Woodsorrel (Oxalis).

Dow AgroSciences (www.dowagro.com)

Product name	Active Ingredient	For use in/on
Confront	Triclopyr/Clopyralid	Postemergence control of 35 difficult-to-manage broadleaf weeds.
Dimension	Dithiopyr	Pre- and early postemergence control of crabgrass; preemergence control of more than 45 annual grassy and broadleaf weeds.
Gallery	Isoxaben	Preemergence control of more than 95 broadleaf weeds, including dandelion, clover, plantain and thistle.
Kerb SC T&O	Pronamide	Pre- and early postemergence control of Poa annua and other grassy and broadleaf weeds.
LockUp	Penoxsulam	Postemergence control of key broadleaf and grassy weeds, including white clover, dollarweed and dandelion.
Lontrel	Clopyralid	Postemergence control of broadleaf weeds, including clover and thistle.
Snapshot	Trifluralin/Isoxaben	Preemergence control of 125 broadleaf and grassy weeds in landscape ornamentals.
Team Pro	Benefin/Trifluralin	Preemergence control of broadleaf and grassy weeds.
Turfion Ester Ultra	Triclopyr	Broad-spectrum postemergence control of oxalis, wild violet, spurge, ground ivy and other hard-to-control weeds.

PBI Gordon (www.pbigordon.com)

Product name	Active Ingredient	For use in/on
Barrier 50W	Dichlobenil	Pre-asphalt application stops weeds and root punctures without affecting nearby trees and shrubs
Bensumec 4LF		An economical way to manage crabgrass, poa annua and goosegrass
BrushMaster		Brush and weed control with flexibility in application methods and schedules
GlyphoMate 41		All-in-one non-selective herbicide
Katana		Good for removing overseeded cool-season grasses. Controls kyllingas, sedges and broadleaf weeds with post-emergence and some pre-emergence activity. Controls ryegrass, clumpy ryegrass, poa annua, poa trivialis, tall fescue and annual ryegrass in warm-season turf.
Mecomec 2.5 & Mecomec 4		Premium MCP-P formulation for enhanced broadleaf control in turfgrass including bentgrass
Ornamec Over-The-Top		Post-emergence control of grass weeds in and around ground covers, shrubs and trees
PowerZone		Fast-acting 2,4-D alternative for broadleaf weed control for turf with visible activity in hours
Pre-San Granular 7G Herbicide & Pre-San Granular 12.5G Herbicide		Premium performance, selective, granular pre-emergence herbicide
Q4 Plus		MSMA alternative designed to replace Trimec Plus, contains four active ingredients: quinclorac, sulfentrazone, 2,4-D and dicamba
SpeedZone		Fast broadleaf weed control
SpeedZone Southern		Fast broadleaf weed control developed for southern grasses
Super Trimec		Extend open season on hard-to-control broadleaf weeds; 2,4-D, 2,4-DP and dicamba
Surge		Fast warm-weather weed control; sulfentrazone, 2,4-D, MCP-P and dicamba
T-Zone		Tough weeds controlled fast; contains four ingredients including triclopyr
Trimec 992		Registered for use in cool- and warm-season grasses
Trimec 1000		Low odor, low profile controller of deep-rooted perennial weeds
Trimec Bentgrass Formula		High degree of bentgrass tolerance; effective in wide range of temperatures
Trimec Classic Brand		Low odor, controls all major broadleaf weeds in turf
Trimec Encore		Alternative where 2,4-D is not an option

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