

DPR PESTICIDES 2019

Below is a comprehensive list of pesticides applied throughout our 20,000-acre park system in 2019. These pesticides are utilized selectively and on a limited basis. Each and every use of a pesticide targets a specific plant or insect that we are managing.

FORESTRY

CHEMICAL NAME	ACTIVE INGREDIENT	PEST / SITE DESCRIPTION
Arbormectin, Tree-age	Emamectin Benzoate	Emerald Ash Borer
Bacastat	Oxytetracycline Hydrochloride	Fire Blight
Baseline	Bifenthrin	Ips
Cambistat	Paclobutrazol	Tree Growth Regulator
Coron	Nitrogen	Kermes Scale
Criterion 2f	Imidacloprid	Kermes
Distance	Pyriproxyfen	European Elm Scale
Garlon	Triclopyr	Stumps
Impel	Hydrocarbon Oil	Stumps
Kinetic	Polyalkyleneoxide modified polydimethylsiloxane	Emerald Ash Borer / Ips
Omni Supreme	Mineral Oil	European Elm Scale
Tengard	Permethrin	Ips / Mountain Pine Beetle
TreeAzin	Azadirachtin A & B	European Elm Scale
Transtect	Dinotefuran	Emerald Ash Borer

NATURAL RESOURCES & MOUNTAIN PARKS

CHEMICAL NAME	ACTIVE INGREDIENT	PEST / SITE DESCRIPTION
Esplanade	Indaziflam	Noxious weeds/Range
Garlon 3A	Triclopyr	Noxious weeds/Range
Hardball	2,4-D	Noxious weeds/Range
Method	Aminocyclopyrachlor	Noxious weeds/Range
Milestone	Aminopyralid	Noxious weeds/Range
Perspective	Chlorsulfuron/aminocyclopyrachlor	Noxious weeds/Range
Plateau	Imazapic	Noxious weeds/Range
Polaris	Imazapyr	Noxious weeds/Range
Rodeo	Glyphosate	Noxious weeds/Range
Telar XP	Chlorsulfuron	Noxious weeds/Range
Transline	Clopyralid	Noxious weeds/Range

GREENHOUSE

CHEMICAL NAME	ACTIVE INGREDIENT	PEST / SITE DESCRIPTION
Cycocel	Chlormequat	Geraniums - plant growth regulator
Eagle 20EW	Myclobutanil	Powdery mildew
EcoSwing	Swinglea glutinosa	Fungi
Enstar AQ	S-Kinoprene	Aphid
Greenshield II	Alkyl - Dimethyl Benzyl Ammonium Chloride Alkyl - Dimethyl Ethylbenzyl Ammonium Chloride	Fungi, bacteria
Medallion WDG	Fludioxonil	Fungi
Murango	Indaziflam	Weeds
Pyrethrum TR	Pyrethrin, piperonyl butoxide	Aphid
Ranger pro	Glyphosate	Weeds
Root Shield	Trichoderma harzianum strain T-22	Fungi
Subdue Maxx	Mefenoxam	Fungi
Talstar P	Bifenthrin	Aphid
Triact 40	Clarified hydrophobic neem oil 70%	Aphid, spidermite, thrips
Ultrafine supreme oil	Paraffinic oil	Aphid, spidermite, thrips
Zerotol	Hydrogen Dioxide	Fungi, bacteria, viruses

GOLF

CHEMICAL NAME	ACTIVE INGREDIENT	PEST / SITE DESCRIPTION
Ranger Pro Herbicide, Razor Pro, Glyphosate Pro 4	Glyphosate	Non-selective herbicide
Tribune	Diquat	Non-selective herbicide
Quick Silver	Carfentrazone-ethyl	Herbicide for silvery moss
Drive XLR8	quinclorac	Crabgrass herbicide
Octane 2% SC	Pyraflufen	Selective broadleaf herbicide
Confront	triclopyr, clopyralid	Selective broadleaf herbicide
4-speed XT	2,4-D 41, Triclopyr, Dicamba, Pyraflufen	Selective broadleaf herbicide
Vessel, Strike 3, Triple Threat, Triplet SF	2,4-D, Propionic Acid, Dicamba	Selective broadleaf herbicide
Prodiamine	Prodiamine	Preemergent herbicide
Surflan	Oryzalin	Preemergent herbicide
Snapshot	trifluralin, isoxaben	Preemergent herbicide
Acelepryn	chlorantraniprole	Turf insecticide for white grubs
Max Force Ant Gel	Fipronil	Insecticide
Fosal Select	Aluminum tris (phophonate)	Turf fungicide
Heritage G, Zoxy FT, Zoxy 2F, Headway	Azoxystrobin	Turf fungicide
Pegasus 6L, Manicure, Daconil (various formulations)	Chlorothalonil	Turf fungicide
Daconil Action	Chlorothalonil, Acibenzolar-S-methyl	Turf fungicide & plant defense induction
Secure Action	Fluazinam, Acibenzolar-S-Methy	Turf fungicide & plant defense induction
Iprodione 2F	Iprodione	Turf fungicide
Interface	Iprodione, Trifloxystrobin	Turf fungicide
Subdue GR	Mefenoxam	Turf fungicide
PPZ 143 MC, Headway	Propiconazole	Turf fungicide
Mirage	tebuconazole	Turf fungicide
Cleary's 3336, Amor Tech 462, 3336 DG lite, TM 462, T-Storm 2G	thiophanate-methyl	Turf fungicide
Civitas Turf Defense	mineral oil	Plant stimulant/protectant
Trimmit 2SC	Paclobutrazol	Plant growth regulator
Proxy	ethaphon	Plant growth regulator
Cutless MEC	flurprimidol	Plant growth regulator
Primo Maxx, T-Nex	Trinexapac-ethyl	Plant growth regulator

PARKS

CHEMICAL NAME	ACTIVE INGREDIENT	PEST / SITE DESCRIPTION
Acelepryn	Chlorantraniliprole	Japanese Beetle
Barrier	Dichlobenil	Knotweed, plantain, bind weed, thistle purslain, pigweed, clover, bind weed, kochia, puncture vine, crabgrass, turf grasses, johnson grass, mallow
Captain XRT, Cutrine Plus Granular, Cutrine Plus Liquid, Cutrine Ultra	Copper	Algae
Chaser 2 Amine	2,4-D/Triclopyr	Canada Thistle, Alfalfa, Bindweed, Mallow, Sowthistle
Confront	Triclopyr/Clopyralid	Thistle, Mallow, Clover
Dimension	Dithiopyr	Pre-emergent crab grass control in turf
Diquat	Diquat	Duck weed, water milfoils, hydrilla
Esplanade 200SC	Indaziflam	Broadleaf weeds: dandelion, clover, purslain, puncture vine, kochia, crabgrass, foxtail, goose grass, cheatgrass, annual rye, curly dock
Esplanade EZ	Indaziflam/Diquat/Glyphosphate	Broadleaf/Kochia
Gallery SC	Isoxaben	Dandelion, mallow, plantain
Garlon 3A, Garlon 4, Pathfinder 2	Triclopyr	Canada Thistle, Garlic Mustard, Curly Dock, Poison Hemlock, Teasel, Prickly Lettuce, Siberian Elm, Tree of Heaven

PARKS (cont.)

CHEMICAL NAME	ACTIVE INGREDIENT	PEST / SITE DESCRIPTION
Gly Pho -Sel Pro, Gly Star Plus, Ranger Pro, Razon Pro, Rodeo, Round Up, Round Up Custom, Round Up Pro	Glyphosphate	Knotweed, plantain, bind weed, thistle purslain, pigweed, clover, bind weed, kochia, puncture vine, crabgrass, turf grasses, johnson grass, mallow, Erodium, Cheatgrass, Curly Dock, Garlic Mustard, Russian Olive, Bindweed, mallow, puncture vine, plantain, dandelion, thistle species, poison hemlock, wild cucumber, crab grass, cheat grass, smooth brome, Kentucky blue grass
Imazapic 2SL, Plateau	Imazapic	Bindweed, Kochia, Leafy Spurge, Cheatgrass
Milestone	Aminopyralid	Curly Dock, Mullein, Alfalfa, Scotch Thistle, Musk Thistle, Canada Thistle, Musk Thistle, Bull Thistle, Scotch Thistle, Noxious weed control in native and natural areas
Pendulum	Pendimethalin	Pre-emergent weed control in beds, tree rings, and crusher fine areas
PowerZone	Carfentrazone-ethyl/MCPA/MCPP-P/Dicamba	Broadleaf weeds: knot weed, plantain, dandelion, clover, purslain, bindweed, thistle, puncture vine, kochia, mallow
Q4	2,4-D/ Dicamba/Quinclorac/Sulfentrazone	Broadleaf weed, knot weed, plantain, dandelion, clover, purslain, bindweed, thistle, puncture vine, kochia, crabgrass, foxtail
Resolute	Prodiamine	Knotweed, plantain, bind weed, thistle purslain, pigweed, clover, bind weed, kochia, puncture vine, crabgrass, turf grasses, johnson grass, mallow
SedgeHammer	Halosulfuron	Control of Nutsedge
Snapshot	Trifluralin/Isoxaben	Pre-emergent for annual weeds
Speedzone	2, 4-D/MCPP-P/Dicamba/Carfentrazone	Broadleaf weeds: knot weed, plantain, dandelion, clover, purslain, bindweed, thistle, puncture vine, kochia, mallow
Surflan	Oryzalin	Knotweed, plantain, bind weed, thistle purslain, pigweed, clover, bind weed, kochia, puncture vine, crabgrass, turf grasses, johnson grass, mallow
Telar XP	Chlorsulfuron	Whitetop, Leafy Spurge, Curly Dock
Transline	Clopyralid	Canada Thistle
Trimec 992, Triplet Low Odor, Triplet SF	2, 4-D/MCPP-P/Dicamba	Broadleaf weeds: knot weed, plantain, dandelion, clover, purslain, bindweed, thistle, puncture vine, kochia, mallow, Leafy Spurge, Curly Dock
Trin Pac	Trinexapac-ethyl	Plant growth regulator added to paint for extending painted athletic field lines throughout athletic fields
Tristar 8.5SL	Acetamiprid	Japanese Beetle
Vista XRT	Fluroxypyr	Canada Thistle, Curly Dock, Prickly Lettuce, Kochia
Weed Destroy AM-40, Weed Rhap A-4D, Weedard 64, 2,4-D Amine 4	2, 4-D	Broadleaf weeds: knot weed, plantain, dandelion, clover, purslain, bindweed, thistle, puncture vine, kochia, mallow