

Turlock Unified School District INTEGRATED PEST MANAGEMENT PLAN

Contacts

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IPM Statement

It is the goal of Turlock Unified School District to implement IPM by focusing on long-term prevention or suppression of pests through accurate pest identification, by frequent monitoring for pest presence, by applying appropriate action levels, and by making the habitat less conducive to pests using sanitation and mechanical and physical controls. Pesticides that are effective will be used in a manner that minimizes risks to people, property, and the environment, and only after other options have been shown ineffective.

Pest Management Objectives:

- Focus on long-term pest prevention using minimal pesticides.
- Elimination of significant threats caused by pests to the health and safety of students, staff and the public.
- Prevention of loss or damage to structures or property by pests.
- Protection of environmental quality inside and outside buildings, in playgrounds and athletic areas, and throughout the Turlock Unified School District facilities.

IPM Team

In addition to the IPM Coordinator, other individuals who are involved in purchasing, making IPM decisions, applying pesticides, and complying with the Healthy Schools Act requirements, include:

Name	Role
Marcos Carrizales	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Morgan Dossetti	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Martin Gutierrez	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Daylen Warkentin	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Joe Catanesi	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Groundskeepers	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Custodians	Applying Pesticides, Recordkeeping, and Making IPM Decisions

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Pest Management Contracting

Pest management services are contracted to a licensed pest control business, as needed.
Pest Control Business names: Consumers Choice Pest Control, Mid Valley Pest Solutions Inc.

Prior to entering into a contract, Turlock Unified School District has confirmed that the pest control business understands the training requirement and other requirements of the Healthy Schools Act.

Pest Identification, Monitoring and Inspection

Pest identification is done by: Scott Richardson and District Custodial, Maintenance, and Grounds staff.

Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by the Custodians and Groundskeepers. The results are communicated to the IPM Coordinator.

Specific information about monitoring and inspecting for pests, such as locations, times, or techniques include:

- Monitoring for vertebrate pest debris by custodians in all work areas.
- Utilizing sticky monitoring boards for vertebrate and non-vertebrate pest activity. These are checked by custodians and results communicated to the IPM Coordinator.
- Monitoring of gopher and other vertebrate mounds in playgrounds, athletic fields, and other landscaped areas. These results are communicated to the IPM Coordinator.
- Monitoring buildings for wasp and hornet activity by the site custodians. Any activity is reported to the IPM Coordinator.

Pests and Non-Chemical Management Practices

Turlock Unified School District has identified the following pests and routinely uses the following non-chemical practices to prevent pests from reaching the action level:

Pest	Remove food	Fix leaks	Seal cracks	Install barriers	Physical removal	Traps	Manage irrigation	Other
Ants	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Wasps and Hornets	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other Insects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Weeds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Gophers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Exempt
Rats and Mice	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Squirrels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Exempt

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Chemical Pest Management Practices

If non-chemical methods are ineffective, Turlock Unified School District will consider pesticides only after careful monitoring indicates that they are needed according to pre-established action levels and will use pesticides that pose the least possible hazard and are effective in a manner that minimizes risks to people, to property and the environment.

Turlock Unified School District expects the following pesticides (pesticide products and active ingredients to be applied during the year. (This list includes pesticides that will be applied by Turlock Unified School District staff or licensed pest control businesses.):

Pesticide Name	US EPA ID Number	Active Ingredient
Advion WDG	100-1501	Indoxacarb
Alpine WSG Water Soluble Granule Insecticide	499-561	Dinotefuran: N-methyl-N-[tetrahydro-3-furanyl)methyl] guanidine
Bayer Advanced 2-in-1 Systemic Rose & Flower Care RTU Granules	72155-57	Imidacloprid
BioAdvanced 2-in-1 Systemic Rose & Flower Care RTU Granules	192-211-92564	Imidacloprid
Bayer Advanced 12-Month Tree & Shrub Protect & Feed RTU Granules	72155-96	Imidacloprid
Bioadvanced Science-Based Solutions 12 Month Tree & Shrub Protect & Feed Ready-to- Use Granules	92564-30	Imidacloprid
Blast'Em Wasp & Hornet Killer	67603-11-64695	Tetramethrin, Permethrin, Piperonyl butoxide
Cy-Kick CS	499-304	Cyfluthrin
DeltaGard G Insecticide Granule	432-836	Deltamethrin
Dithiopyr 2EW Herbicide	53883-500	Dithiopyr
Ditrac All-Weather Blox	12455-80	Diphacinone
Dominion 2L	53883-229	Imidacloprid, Imidazolidinimine
Drione	432-992	Pyrethrins
ER-3 Insecticide	Exempt	Exempt
Essentria G Granules Insecticide	Exempt	Exempt
Essentria IC3 Insect Concentrate	Exempt	Exempt

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Pesticide Name	US EPA ID Number	Active Ingredient
Glyphosate Plus Herbicide	53883-319	Glyphosate, isopropylamine salt
Gopher Getter Type 2 Bait by Wilco	36029-23	Diphacinone
Ground Squirrel Bait by Wilco	36029-20	Diphacinone
Niban Granular Bait	64405-2	Orthoboric acid
No Foam A	01037	Alkyl phenol ethoxylate, Isopropanol, & Fatty Acids
Ortho Home Defense Crawling Bug Killer with Essential Oils	Exempt	Sodium Lauryl Sulfate, Cinnamon Oil, Geranio, Castor Oil, Cornmint Oil
Ortho Home Defense Max Insect Killer	279-9534-239	Bifenthrin, Zeta-Cypermethrin
Pendulum Aquacap Herbicide	241-416	Pendimethalin
PT Alpine Flea & Bed Bug Pressurized Insecticide	499-540	Dinotefuran: N-methyl-N-[(tetrahydro-3-furanyl) methyl] guanidine, Pyriproxyfen, Prallethrin
PT Phantom II	499-548	Chlorfenapyr: 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile
Remuda Weed & Grass Killer	19713-526-54705	Glyphosate (in the form of its isopropylamine salt)
SedgeMaster	91234-31-53883	Halosulfuron-methyl
Sluggo	67702-3-54705	Iron Phosphate
Spectracide Bug Stop Home Barrier	9688-298-8845	Gamma-cyhalothrin
Spectracide Wasp & Hornet Killer 3	9688-190-8845	Lambda-cyhalothrin, Prallethrin, Isopropyl alcohol, Petroleum distillates, hydrotreated light, Propane
SpeedZone Southern EW Broadleaf Herbicide for Turf	2217-1031	2,4-D, 2-3thylhexyl ester, Dichlorprop-p, 2-ethylhexyl ester, Dicamba, acid, Carfentrazone-ethyl
SureKill Advanced Insecticide Products CT-511 Aerosol Insecticide	4700-73	Pyrethrins, Piperonyl Butoxide, Technical, N-Octyl Bicycloheptene Dicarboximide
Suspend SC Insecticide	432-763	Deltamethrin

Tempo Ultra WP	432-1304	Beta-Cyfluthrin, Sodium lignosulphonate, Crystalline quartz (respirable)
Tengard SFR	70506-6	Permethrin
Termidor SC	7969-210	Fipronil
Terro Ant Killer II Liquid Ant Bait	149-8	Sodium Tetraborate, Decahydrate
ULD BP 100	11540-9	Pyrethrins
Zoecon Gentrol IGR Concentrate	2724-351	S-Hydropene
Zoecon Precore IGR Concentrate	2724-352	(s)-Methoprene, Distillates (petroleum), hydrotreated light, Poly(oxy-1,2-3thanediyl), alpha-(dodecylphenyl)-omega-hydroxy

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Healthy Schools Act

Turlock Unified School District complies with the notification, posting, recordkeeping, and all other requirements of the Healthy Schools Act. (Education Code Sections 17608-17613, 48980.3; Food & Agricultural Code Sections 13180-13188)

Training

Every year, Turlock Unified School District employees who make pesticide applications receive the following training prior to pesticide use:

- Pesticide specific safety training (Title 3 California Code of Regulations 6724) and
- School IPM training course approved by the Department of Pesticide Regulation (Education Code Section 16714; Food & Agricultural Code Section 13186.5) and located at: <http://apps.cdpr.ca.gov/schoolipm/training/main.cfm>.

Submittal of Pesticide Use Reports

Reports of all pesticides applied by Turlock Unified School District staff during the calendar year, except pesticides exempt¹ from HSA recordkeeping, are submitted to the Department of Pesticide Regulation at least annually, by January 30 of the following year, using the form provided at www.cdpr.ca.gov/schoolipm. (Education Code Section 16711)

Notification

Turlock Unified School District has made this IPM plan publicly available by the following methods:

- This IPM plan can be found online at the following web address:
www.turlock.k12.ca.us/Page/1593

Review

This IPM plan will be reviewed (and revised, if needed) at least annually to ensure that the information provided is still true and correct.

Date of next review: May 2024

I acknowledge that I have reviewed Turlock Unified School District IPM Plan and it is true and correct.

Scott Richardson
IPM Coordinator

June 15, 2023
Date

¹These pesticides are exempt from all Healthy Schools Act requirements, except the train requirement: 1) products used in self-contained baits or traps, 2) gels or pastes used as crack and crevice treatments, 3) antimicrobials, and 4) pesticides exempt from U.S. EPA registration. (Education Code Section 17610.5)