

School District Integrated Pest Management Plan

This plan meets the Healthy Schools Act requirement for an integrated pest management (IPM) plan. An IPM plan is required if a school district uses pesticides¹.

Contacts:

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District IPM Coordinator

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IPM Statement

It is the goal of El Dorado Union High 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.

Our pest management objectives are to continually maintain buildings in a manner to prevent pest entry by sealing cracks, crevices, windowsills and other areas where pests can enter. To clean, sanitize, install barriers and remove rubbish and to remove any food sources to prevent infestations. To maintain fields, grass areas and other ornamental landscape areas in a consistent manner to prevent infestations of pests and weeds. When pests are identified, immediate action will be taken to minimize infestations.

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 AND / OR TITLE	ROLE IN IPM PROGRAM
Administrative Assistant to Director, M,O & F	Purchasing, complying with Healthy Schools Act requirements, reporting
Site Plant Supervisors	Purchasing, making IPM decisions, complying with Healthy Schools Act requirements, monitoring
Site Athletic Maintenance Workers, Site General Maintenance Workers and Site Grounds Workers	Applying pesticides and herbicides, complying with Healthy Schools Act requirements, monitoring
Site Custodians	Applying pesticides, complying with Healthy Schools Act requirements, monitoring.
District Grounds Equipment Operator and District General Maintenance Technician	Applying pesticides and herbicides, complying with Healthy Schools Act requirements, monitoring

Pest Management Contracting

Pest management services are contracted to a licensed pest control business.

Pest Control Business Names:

Pest Control Center
Millennium Termite

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

Pest Identification, Monitoring and Inspection

Pest identification is done by District and Site Maintenance Staff and Pest Control Businesses.

Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by District and Site Maintenance Staff and results are communicated to the IPM Coordinator.

Specific information about monitoring and inspecting for pests, such as locations, times or techniques include: Visual monitoring is performed by District and Site Maintenance Staff.

Pests and Non-Chemical Management Practices

This school district has identified the following pests and routinely uses the following non-chemical practices to prevent pests from reaching the action level:

<u>PEST</u>	<u>REMOVE FOOD</u>	<u>FIX LEAKS</u>	<u>SEAL CRACKS</u>	<u>INSTALL BARRIERS</u>	<u>PHYSICAL REMOVAL</u>	<u>TRAPS</u>	<u>OTHER</u>
Ants	X	X	X	X			Clean Surfaces
Cockroaches	X	X	X	X			Clean
Mice	X	X	X	X	X	X	
Rats	X	X	X	X	X	X	
Gophers	X	X	X	X	X	X	

Chemical Pest Management Practices

If non-chemical methods are ineffective, the 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, property and the environment.

This school district expects the following pesticides (pesticide products and active ingredients) to be applied during the year.

<u>Name of Pesticide</u>	<u>Method & Reason For Application</u>	<u>Active Ingredients</u>
Monsanto Round up Pro Max	Spray – Weed Control	Glyphosphate, phosphonomethyl
Dow Elanco Turflon Ester	Spray – Selective Herbicide	Trichlopyr Acetic Acid; Butoxy Etyle Ester; Kerosene
BEST Dimension 270 G	Granular – Pre-emergent	Dithiopyr
Best Turf Supreme Plus Trimec	Granular – Weed and Feed	2,4-Dichlorophenoxyacetic Acid 2-Propionic Acid; Dicamba
Green Thumb Flying Insect Killer (15oz. Aerosol)	Spray – Insect Control	Permethrin; d trans-Allethrin
Green Thumb Wasp & Hornet Killer (17.5oz Aerosol)	Spray – Insect Control	Permethrin; d-trans Allethrin
Green Thumb Ant, Roach & Spider Killer (17oz. Aerosol)	Spray – Insect Control	Permethrin; d-trans Allethrin
Green Thumb Foaming Wasp & Hornet Killer (17.5 oz)	Foam Spray – Insect Control	Permethrin; d-trans Allethrin
Dimension 2EW	Spray – Pre-emergent and Crab Grass Herbicide	Dithiopyr, S,S'-dimethyl 2 (difluoromethyl) – 4 – (2-methylpropyl) 6 – (trifluoromethyl) 3.5 - pyridinedicarbothioate
Reward	Spray – Aquatic herbicide	Diquat dibromide; dihydroipyrido; pyrazinedium dibromide
Monterey Remuda	Spray – Post-emergent Weed Control	Glyphosate, N-(phosphonomethyl) glycine; isopropylamine salt
NuFarm T-Pac E Pro MEC	Spray – turf growth management	Trinexapac-ethyl
Hot Shot Flying Insect Killer	Spray – Insect Control	Permethrin; d trans Allethrin
Spectracide Hornet & Wasps Killer (20 oz)	Spray – Insect Control	Prallethrin/Lambda Cyhalothrin
Hot Shot Ant & Roach Killer (17.5 oz)	Spray – Insect Control	Permethrin; d trans Allethrin
Hot Shot Spider/Scorpion Killer (11 oz)	Spray – Insect Control	Prallethrin/Lambda Cyhalothrin
Terro Liquid Ant Baits	Liquid bait station – Insect Control	Sodium Tetraborate Decahydrate
Terro Outdoor Ant Killer	Spray – Insect Control	Permethrin, Tetramethrin
Dow Elanco Surflan AS	Spray – Pre-emergent	Oryzalin; Propylene Glycol; Glycerin
Q4Plus	Spray – Selective Herbicide	Dimethylamine salt
Monterey Crab-E-Rad Plus	Spray – Herbicide	2,4-Dichlorophenoxyacetic acid, dimethylamine salt; Quinclorac; Dicamba Acid
Tempo SC Ultra	Spray – Insect Control	B-Cyfluthrin, Cyano, 2.2dimethyl-cyclopropanecarboxylate
Sedghammer	Spray – Selective Herbicide	Halosulfuron-methyl

In addition, an outside pest control company may be called in on scheduled dates to assist in pesticide application. The following chemicals may be used by the pest control company.

<u>Manufacturer</u>	<u>Name of Pesticide</u>	<u>Method & Reason for Application</u>	<u>Active Ingredients</u>
AgrEnvironmental	Suspend SC Insecticide	Spray – Insect Control	Deltamethrin
BASF	Termidor	Spray – Insect Control	Fipronil
FMC Corporation	Dragnet SFR Termiticide/Insecticide	Spray – Termite/Insect Control	Permethrin
Maxforce	Maxforce	Gel Bait – Insect Control	Fipronil
Whitmire Micro-gen	Cy-kickscs	Spray – Insect Control	Cyfluthrin

Healthy Schools Act

This 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 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)

School IPM training course approved by the Department of Pesticide Regulation (Education Code Section 16714; Food & Agricultural Code Section 13186.5).

Submittal of Pesticide Use Reports

Reports of all pesticides applied by 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

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: June 2020

I acknowledge that I have reviewed this school district's IPM Plan and it is true and correct.

Daniel J. Augino
Daniel J. Augino, Director Maintenance, Operations & Facilities

July 11, 2019
Date

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