

**Patterson Joint Unified School District
INTEGRATED PEST MANAGEMENT PLAN**

Contacts

Patterson Joint Unified School District
510 Keystone Blvd. Patterson, CA 95363

Stephen Ruiz
District IPM Coordinator

(209) 895-7721
Phone Number

sruiz@patterson.k12.ca.us
e-mail address

IPM Statement

It is the goal of Patterson Joint 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 Patterson Joint 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
Steven Ruiz	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Timothy Winters	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Corey Brewer	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Dennis Westbrook	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Grounds/Custodians	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Maintenance	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Daniel Saavedra	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Ramon Celadon	Applying Pesticides, Recordkeeping, and Making IPM Decisions

Patterson Joint Unified School District INTEGRATED PEST MANAGEMENT PLAN

Pest Management Contracting

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

Pest Control Business name(s): Orkin Pest Control, Clark Pest Control, Animal Damage Management, and Advanced Integrated Pest Management.

Prior to entering into a contract, Patterson Joint 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: Stephen Ruiz

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

Patterson Joint 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

**Patterson Joint Unified School District
INTEGRATED PEST MANAGEMENT PLAN**

Chemical Pest Management Practices

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

Patterson Joint 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 Patterson Joint Unified School District staff or licensed pest control businesses.):

Pesticide Name	US EPA ID Number	Active Ingredient
Alecto 41S	9468-33	glyphosate
Bug Spray Flying and Crawling Insect Killer	498-174	228-366-54705
Terro Ant Bait	149-8	Sodium tetraborate
Glystar	42750-60	Glyphosate
565 plus XLO	499-290	Pyrethrins
Cy-Kicks	499-304	Cyfluthrin
TalstarOne	279-3206	Bifenthrin
Rodent Bait Chlorophacinone Treated Grain	10969-50004	Chlorophacinone
Rodent Bait Diphacinone Treated Grain	10965-50001	Diphacinone
Gopher Getter Type 2 AG Baut	36029-23	Diaphacinone
Omega Gopher Grain Bait	5042-32	Strychnine Alkaloid
Martin's Gopher Bait 50	53883-24	Styrchnine alkaloid
Talpirid	12455-101	Bromethalin
ZPRodent Oat Bait AG	12455-102	Zinck Phosphide
The Giant Destroyer	10551-1	Sodium Nitrate, Sulfure, Charcoal
Aluminum Phosphide	72959-1	Aluminum Phosphide
Conrac All Wather Blox	12455-79	Bromadiolone
Final All Weather Blox	12455-89	Brodifacoum
Cy-Kick CS	499-304	Cyfluthrin
Drione Insecticide Dust	2014-0591	Pyrethrins, Piperonyl Butoxide, Amorphous Silica Gel
Talstar P	279-3206	Bifenthrin
Termidor SC	7969-210	Fipronil
Alpine WSG	499-561	Dinotefuron
Maxfore FC Ant Killer	432-1264	Fipronil
Wasp and Hornet Killer	9688-325	Prallethrin, Cypermethrin
Cornerstone Plus	1381-192	Glyphosate

Patterson Joint Unified School District INTEGRATED PEST MANAGEMENT PLAN

Healthy Schools Act

Patterson Joint 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, Patterson Joint 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 Patterson Joint 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

Patterson Joint 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.patterson.k12.ca.us

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: July 2020

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

Stephen Ruiz
IPM Coordinator

July 2, 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) antimicrobials, and 4) pesticides exempt from U.S. EPA registration. (Education Code Section 17610.5)