School District Integrated Pest Management Plan Madera Unified School District

Contacts

Madera Unified School District	1205 Madera Avenue, Madera CA 93637				
School District Name	Address				
Curtis Manganaan	559-675-4534	curtismanganaan@maderausd.org			
District IPM Coordinator	IPM Coordinator's Phone Number	Email Address			

IPM statement

It is the goal of Madera 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.

Our pest management objectives are to:

Focus on long term pest prevention and weed abatement

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
Curtis Manganaan, Director of M&O	Monitor IPM Program For Compliance
Pierre Etcheverry, Lead Groundsman	Coordinate/Schedule/Monitor Herbicide/Pesticide Applying
Robert Baez, Lead Groundsman	Pest Identification and Monitoring, Treatment
District Groundsmen	Herbicide Applications

Pest management contracting

- X Pest management services are contracted to a licensed pest control business. Pest Control Business name(s): Castech Pest Service
- X Prior to entering into a contract, the 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: _____Pierre Etcheverry, Robert Baez, groundsmen and school Head Custodians

Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by Robert Baez and 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 bee, wasp and hornet activity by the site custodians. Any activity is reported to the IPM Coordinator.

If non-chemical methods are ineffective, Madera 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.

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:

Pest	Remove food	Fix leaks	Seal crack	1	Physical removal	Traps	Manage irrigation	Other
Cockroaches	X	Х	Х	X		х	Q	
Squirrels	×		Q	Q	Q	Х		Co2 Ground Injection
Gophers		ü	Q	Q	Q	Х	Q	Co2 Ground injection
Ants	X	D	Х	Q	Q	D	D	Spray or Bait
Rats/Mice	X	Q	Х		a	Х	D	9
Bees	a	D			Х	G	Q	Professional Service

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. (This list includes pesticides that will be applied by school district staff or licensed pest control businesses).

See last sheet

Healthy Schools Act

X 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:

- X Pesticide specific safety training (Title 3 California Code of Regulations 6724)
- X 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 <u>www.cdpr.ca.gov/schoolipm</u>. (Education Code Section 16711). Reporting will be done by Robert Baez.

Notification

This school district has made this IPM plan publicly available by the following methods (check at least one):

- X This IPM plan can be found online at the following web address: http://www.madera.k12.ca.us/Page/8751
- imes This IPM plan is sent out to all parents, guardians and staff annually in the school handbook.

<u>Review</u>

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 1, 2017

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

/wth R Marga Signature:

Date: 7.1.16

NOTIFICATION OF PLANNED PESTICIDE USE

Assembly Bill 2260 (Healthy Schools Act of 2000), which became effective on January 1, 2001, reduces children's exposure to toxic pesticides through information and integrated pest management. For the 2016-17 school year, Madera Unified School District may apply the following pest management products as necessity dictates.

Product	Active Ingredient	EPA #	Purpose
Advance Granular Ant Bait	Abamectin B1 0.011%	499-370	Ants
Advion Ant Gel	Indoxacarb 0.05 %	100-1498	Ants
Advion Cockroach Gel Bait	Indoxacarb 0.06 %	100-1484	Cockroaches
Alpine WSG	Dinotefuran 40.0 %	499-561	Insects
Demand CS	Lambda-cyhalothrin 9.7 %	100-1066	Insects
Fastrac All-Weather Blox	Bromethalin 0.01 %	12455-95	Rodents
Finale	Glufosinate-ammonium-11.33%	432-1229	Weeds
Freehand 1.75 G CA	Dimethenamid-P .75 %pendimethalin-1.0%	7969-358	Weeds
Fusilade II	Fluazifop-P-butyl(phenoxy propanoate)-24.5%	100-1084	Weeds
JT Eaton Answer for pocket gophers	Diphacinone .005 %	56-57	Gophers
Nyguard IGR Concentrate	2-{1- Menthyl- 2-(4-phenoxyphenoxy)ethoxy)pyridine 10.0 %	1021-1603	Insects
Onslaught FastCap	Esfenvalerate-6.40 %Prallethrin-1.60 %Piperonyl butoxide-8.00 %	1021-2574	Insects
Magnify Activator	Alkyl polglycoside, Ammoniun sulfate and Ammonium Nitrate 51.15 %	17545- 50018	Weeds
Pendulum Aqua Cap	Pendimethalin - 39.7 %	241-416	Weeds
Round Up Pro Max	Glyphosate 48.7 %	524-579	Weeds
Speed Zone Southern	Carfentrazone-ethyl-0.54% 2,4-D,ethylherxyl-10.49 %mecoprop- 2.66 %	2217-835	Weeds
Surflan AS	Oryzalin 40.4 %	70506-44	Weeds
Suspend SC	Deltamethrin - 4.75 %	432-763	Insects
Target Pro-Spreader Activator	Alkyl phenol ethoxylate,Isopropanol,and Fatty Acids 90 %	1050775- 50022-AA	Weeds
Termidor SC	Fipronil - 9.1 %	7969-210	Insects
Vendetta Plus Gel Bait	Abamectin B1- 0.05 %Pyriproxyfen - 0.50 %	1021-2593	Cockroaches
Wasp Freeze	d - trans Allethrin-0.129 Phenothrin- 0.120 %	499-362	Insects
Wilco Gopher Getter Bail Type 2	Diphacinone .005 %	36029-23	Gophers
Wilco Squirrel Bait	Diphacinone .005 %	36029-17	Squirrel

Additional information on pest management products is available on the California Department of Pesticide Regulation's website www.cdpr.ca.gov. Madera Unified School District has adopted an Integrated Pest Management program (IPM) that requires pest management action only when necessary and with the least-hazardous method. Additional information regarding the MUSD IPM program can be found on Madera Unified School website http://www.madera.k12.ca.us/Page/8751.

Applicators receive annual safety training, strictly follow the U.S. EPA label instructions and only apply pesticides when they are necessary. The District will make every effort to apply pesticides when students are NOT present, but reserves the right to spray within the Laws of the State anytime it deems safe, using the utmost care while students are present. To register with the District to receive notification of individual pest management product applications at a specific school site, contact school for notification request. Registrants will be notified of individual applications at least 72 hours in advance.

If you have any questions, please contact Curtis Manganaan, Director of Maintenance and Operations at (559) 675-4534.