

**Keyes Union School District  
INTEGRATED PEST MANAGEMENT PLAN**

**Contacts**

Keyes Union School District  
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**IPM Statement**

It is the goal of Keyes Union 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:**

- 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 Keyes Union 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:

<b>Name</b>	<b>Role</b>
Chris Rushing	Applying Pesticides, Recordkeeping, and Making IPM Decisions
Homer Leazer	Applying Pesticides, Recordkeeping, and Making IPM Decisions

**Pest Management Contracting**

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

Pest Control Business name(s): Consumers Choice Pest Control

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

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### Pest Identification, Monitoring and Inspection

Pest identification is done by: Jerry Hines

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

Keyes Union 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 checked="" 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 checked="" type="checkbox"/>	
Weeds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Gophers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Squirrels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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**Chemical Pest Management Practices**

If non-chemical methods are ineffective, Keyes Union 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.

Keyes Union 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 Keyes Union School District staff or licensed pest control businesses.):

<b>Pesticide Name</b>	<b>US EPA ID Number</b>	<b>Active Ingredient</b>
Clorox Clean-Up	5813-21-67619	Sodium hypochlorite
Suprox D	1839-224-1658	Octyl decyl dimethyl ammonium chloride, Dioctyl dimethyl ammonium chloride, Didecyl dimethyl ammonium chloride, Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride
Re-Juv-Nal	1839-169-1658	Octyl decyl dimethyl ammonium chloride, Dioctyl dimethyl ammonium chloride, Didecyl dimethyl ammonium chloride, Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride
Ranger Pro	524-517	Glyphosate
Roundup ProMax	524-579	Glyphosate
Germicidal Cleaner	706-65	n-alkyl dimethyl benzyl ammonium chloride
Bandini 26-3-5 Weed & Feed	2217-884-73327	2,4-D, 2-ethylhexyl ester, Mecoprop-p acid, Dicama acid
Professional Lysol Disinfectant Spray	777-99-675	n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride
Champion Sprayon Multi-Purpose Insect & Lice Killer	498-174	Piperonyl Butoxide
Spectracide Wasp & Hornet Killer	9688-190-8845	Lambda-cyhalothrin, Prallethrin
Hot Shot Ant & Roach	9688-187-8845	Lambda-cyhalothrin, Prallethrin
Fumitoxin	72959-1	Aluminum Phosphide
Omega Gopher Grain Bait	5042-32	Diphacinone
ZP Rodent Bait	12455-18	Zinc phosphide
Tempo Ultra WP	3125-390	$\beta$ -Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclo-propanecarboxylate
Suspend SC	432-763	Deltamethrin
DuPont Arilon	352-776	Indoxacarb
No Foam B	1050775-500008	Octyl phenoxy polyethoxy ethanol isopropanol, linear alkyl sulfonate, buffering acids, coconut amine condensate, silicone defoamer
PT 565 Plus	499-310	Pyrethrins, Pyperonil Butoxide, n-Octyl bicycloheptene dicarboximide
BP 100	11540-9	Pyrethrins
Drione	4816-353	Pyrethrins
Termidor	7969-210	Fipronil

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Cy-Kick	499-304	Cyfluthrin
Tengard SFR	70506-6	Permethrin
Phantom	241-392	Chlorfenapyr
Precore 1%	2724-352	(S)-Methoprene, Permethrin, Phenothrin, N-octyl bicycloheptene dicarboximide, Piperonyl butoxide, Technical
Gentrol	2724-351	S-Hydropene
Micro Care 3% CS	499-516	Pyrethrins, Piperonyl Butoxide
Dominion	53883-229	Imedacloprid
Chlorophacinone .005%	10965-50004	Chlorophacinone
Contract AW Blox	12455-79	Bromadiolone 3-[3-(4'-Bromo-[ 1,1'-biphenyl4-yl)-3-hydroxyxl-1 phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one
Diphacinone 0.01%	10965-50003	Diphacinone
Fumitoxin Tablets	72959-1-5857	Fumitoxin
Gopher Getter Type 2 AG Bait	36029-23	Diphacinone
Martins Gopher Bait 50R	53883-24	Strychnine 0.5%
Omega Gopher Grain Bait	5042-32	Strychnine Alkyloid
Talprid Mole Bait	12455-101	Bromethalin
ZP Rodent Oat Bait AG	12455-102	Zinc Phosphide

**Healthy Schools Act**

Keyes Union 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, Keyes Union 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 Keyes Union School District staff during the calendar year, except pesticides exempt<sup>1</sup> 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](http://www.cdpr.ca.gov/schoolipm) . (Education Code Section 16711)

**Notification**

Keyes Union School District has made this IPM plan publicly available. This IPM plan can be found online at the following web address: [www.keyes.k12.ca.us](http://www.keyes.k12.ca.us)

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**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: June 2017

*I acknowledge that I have reviewed Keyes Union School District IPM Plan and it is true and correct.*

Jerry Hines  
IPM Coordinator

October 19, 2016  
Date

<sup>1</sup>These 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)