

School District Integrated Pest Management Plan

When completed, this template 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

Merced County Office of Education

632 W 13th Street Merced CA

School District Name

Address

Samuel Monroy Espinoza

(209) 381-4055

saespinoza@mcoe.org

District IPM Coordinator

IPM Coordinator's Phone Number

Email Address

IPM statement

It is the goal of Merced County Office of Education 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: *(Example: Focus on long-term pest prevention)*

1. Focus on long-term prevention, or suppression of pests through accurate pest identification and frequent monitoring.
2. Applying appropriate action levels.
3. Making habitats less conducive to pests using sanitation, mechanical and physical controls.
4. Applying pesticides only as a last resort.

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
Samuel Monroy Espinoza	Making IPM Decisions
Pedro Pena	Making IPM Decisions
All Service Technicians	Apply Pesticides, Making IPM Decisions, Pesticide Recordkeeping
All Custodians	Apply Pesticides, Making IPM Decisions, Pesticide Recordkeeping
All Groundskeepers	Apply Pesticides, Making IPM Decisions, Pesticide Recordkeeping

Pest management contracting

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

Pest Control Business name(s): Advanced Integrated Pest Management

- ☒ 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: All Staff

(Example: College/University staff, Pest Control Business, etc.)

Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by

All District Service Technicians and results are communicated to the IPM Coordinator.

(Example: District staff title, e.g. Maintenance staff)

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

(Example: Sticky monitoring boards are placed in the kitchen and are checked weekly by custodial staff.)

School site staff report pest activity by: using online portal so that technician is aware of all reports made.

Alternative ways are, email, text, pictures, phone calls, and work order request submitted.

The location of the reported pest is noted and scheduled when classroom is available: building location, inside or outside, classroom number. Talk to staff to find the location and why the pest are there. ID the pest, possible sample, clean and sanitize as needed, locate where the pest is coming from and exclude. Place adhesive monitoring boards in various areas and monitor regularly.

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 cracks	Install barriers	Physical removal	Traps	Manage irrigation	Other
Indoor Rodent	☒	☒	☒	☒	☒	☒	☐	Clean, Sanitize, Exclude +
Occasional Invaders	☒	☒	☒	☒	☒	☒	☐	Clean, Sanitize, Exclude +
Indoor Infesting Insects	☒	☒	☒	☒	☒	☒	☐	Clean, Sanitize, Exclude +
Ants	☒	☒	☒	☒	☒	☒	☒	Clean, Sanitize, Exclude +
	☐	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	

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 Attached List

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

- ☒ This IPM plan can be found online at the following web address: <https://www.mcoe.org/departments-programs/human-resources/employee-safety>
- ☒ This IPM plan is sent out to all parents, guardians and staff annually.

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 2027

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

Signature: Samuel Monroya Espinoza

Date: 06/02/2026

¹ 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)

Merced County Office of Education
INTEGRATED PEST MANAGEMENT PLAN

Chemical Pest Management Practices

If non-chemical methods are ineffective, Merced County Office of Education 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.

Merced County Office of Education expects the following pesticides (pesticide products and active ingredients to be applied during the year. (This list includes pesticides that will be applied by Merced County Office of Education staff or licensed pest control businesses.

Pesticide Name	US EPA ID Number	Active Ingredient
Herbicide		$\geq 5.0 - \leq 10.0$
Tigris Glufosinate 280 SL	92647-13	Glufosinate-Ammonium
		Fish (96h LC50): $>2.42\text{mg/L}$ Fish(NOAE): 0.83mg/L Aquatic Invertebrate (48h EC50): 05mg/L Aquatic invertebrate (NOAE): 0.35 mg/L Blue-green algae (96h IC50): 0.072 mg/L
Large Tomcat Glue Traps	12455-wl-1	This mixture does not contain any substances to mentioned
Small Tomcat Glue Traps	12455-wl-1	This mixture does not contain any substances to mentioned
Terro Liquid Ant Baits	149-8	Sucrose / Sodium Borate
Spectracide Washp & Hornet Killer	9688-190-8845	Distillates (Petroleum) Hydrotreated Light
Spectracide Washp & Hornet Killer	9688-190-8845	Disillates (petroleum), Hydrotreated % 90.65
Propane		6.0-8.0
All Beetle Trap Kit with RTU Gel Cartridge IL-2750-10	Exempt	Pheromone
Allure MD	73813-3-499	Z-9,E-12 Tetradecadien-1-yl acetate
Aprehend	91882-1	Beauveria bassiana Stain GHA
Bio Drain Invade- Super Concentrate	N/A	Natural Microbes
Chase Mole & Gopher Rep	N/A	Castor Oil USP, Sodium Lauryl Sulfate, CornCob
Cidetrak IMM	51934-9	(9Z,12E)-9,12-tetradecadien-1-yl acetate (Pheromone)
Detex Blox	N/A	Exempt
Essentria D Dust Insecticide	N/A	2-Phenethyl Propionate, Soubean Oil, Eugenol
Essentria G Granular Insecticide	N/A	Eugenol, Thyme Oil
Essentria IC Pro	Exempt	
Gopher Scram Professional	No EPA#	Castor Oil, Dried Blood, Lenseed Oil, Olive of Rosemary, Clove
Gopher X Smoke	N/A	Blend of Oils
InVade Hot Spot+Bio Foam Aerosol	N/A	Natural Microbes
IGI Carbon Dioxide	7173-313	Carvoon Dioxide
In2Mix	91720-1	Pyriproxyfen; Beauveria Bassianna Strain GHA
Miller Hot Sauce Animal Repellent	90930-1	Capsaicin

NoTox Non-toxic Bait Soft Bait Attractant (Wildlife)	Exempt	Exempt
OdoBan Ready To Use Disinfectant/Odor Eliminator	66243-1	Exempt
Provlke Gel	N/A	Exempt
Rat X	N/A	Corn gluten meal
Storgard IMM	N/A	Exempt
Advion Ant Gel	100-1498	Indoxacarb
Advion Cockroach Gel Bait	100-1484	Indoxacarb
Apine Cockroach Gel Bait Rotation 1	499-507	Dinotefuran
Alpine Cockroach Gel Bait Rotation2	499-507	Dinotefuran, N-methyl-N-nitro-N guanidine
Maxforce Fleet Ant Gel Bait	432-1264	Fipronil
Maxforce FC Magnum Roach Bait Gel	432-1460	Fipronil
Optigard Ant Gel Bait	100-1226	Thiamethoxam
Selontra	7969-382	Cholecalciferol
Terad 3Ag	12455-116	Cholecalciferol
TakeDown II Mini Blocks	7173-312	Bromethalin
TakeDown Soft Bait	7173-310	Bromethalin
Trelona	499-557	Novaluron: 1-[3-Chloro-(1,1,2--trifluoro-methoxyethoxy) Phenyl]-3-(2,6-difluorobenzoyl) urea
Bird B Gone- Bird-Out Aromatic Bird Repellent	88889-2-71050	Methyl Anthranilate (M), Methyl 2-aminobenzote
Ecobird 4.0	86583-4	Methyl Anthranilate (M), Methyl 2-aminobenzote
OvoControl @P	80224-1	Nicarbazin
Advance 375A Granular Ant Bait	499-370	Abarmcctin B1
Advion Insect Granules	1001483	Indoxacarb
Bifen L/P(Granules)	53883-124	bifenthrin
Extinguish Professional Fire Ant Bait	2724-475	Methoprene
Decimari Fly Bait	1021-2803	Clothianidin, Pyriproxfen
Maxforce Fly Spot Bait	432-1375	Imidacloprid
Maxforce Granular Bait	4321375	Imidacloprid
Niban Graular Bait	64405-2	Orthoboric Acid
Sluggo Bait	67702-3-54705	Iron Phosphate
Altosid Pro- G IGR	2724-451	(S)-Methoprene
Diacon- IGR	2724-788	(S)-Methoprene
Diacon-D IGR	2724-427	(S)-Methoprene
DSV Nisus Disinfectant	10324-80-64405	Octyl Dimethyl Ammonium Chloride
Evergreen Pyrethrum	1021-2560	Pyrethrins
Gentrol Point Source	2724-469	(s)-Hydroprene, novaluron,pyriproxfen
Tekko Pro IGR Concentrate	53883-335	Pyriproxfen, Novaluron
Alpine Dust	499-527	Dinotefuran
Alpine Flea And Bedbug (PT)	499-540	Dinotefuran
Apine Fly Bait (PT)	499-568	Dinotefuran
Alpine WSG	499-561	Dinotefuran

Bedlam Aersl	10211767	2methylprop-1-enyl) cyclopropanecarboxylate N-Octyl bicycloheptene dicarboximide
Bifen I/T	53883-118	Bifenthrin
BoraCare	83465-1-64405	Diodium Octoborate Tetrahydrate
Cimexa Insecticide Dust	73079-12	Silicon Dioxide as Amorphous
Crossfire Aerosol	1021-2788	Clothianidin
Crossfire Bedbud	1021-2776	Clothianidin, Metofluthrin, Piperonyl, Butoxide
Cyper TC	53883-92	Cyhalothrin
Cyzmic CS	53883-389	Lambda-Cyhalothrin
DeltaDust	42772	Deltamethrin
Demand CS	100-1066	Lambda-cyhalothrin
Flumlgard SC	81927-78	Flumioxazin
Nibor-D	64405-37	Disodium Octaborate Tetrahydrate
Nibor-D Insecticide Foam+IGR	64405	Disodium Octaborate Tetrahydrate
OneGuard Multi MoA	1021-2807	Lambda-cyhalothrin
Onslaught FastcapSpider & Scorpion	10212574	Esfenvalerate, ETOC (Prallethrin); Piperonyl Butoxide
Premise75	4321332	Imidacloprid
PT 565 XLO Plus	499290	Pyrethrins
PT Wasp Freeze II	499-290	Pyrethrins
Purge III Insecticide	279-3388	Pyrethrins
Shockwave Foffing Concentrate	1021-2827	Pyrethrins
Sumari Insecticed	1021-2827	Clothianidin, Pyriproxyfen
Suspend SC Insecticide	432763	Deltamethrin
Tlpirid	12455-101	Bromethalin
Taurus SC	53883-279	Fipronil
Tengard SFR	70506-6	Permethrin
Termidor Foam	499-563	fipronil
Termidor Foam	7969-210	fipronil
Termidor SC	7969-210	fipronil
Timbor	64405-8	Disodium Octoborate Tetrahydrate
15-15-15+%Fe	1000400408	Nitroogen
18-3-6 Endurance (liquid deep-root fert	Exempt	Nitrogen Phosphate
24-3-8 With Dimension	62719-494-34704	Dithiopyi (0.22%
22-5-10 Signature Fertilizer	Exempt	Nitrogen Phosphate
Ace Jet	74578-2	Acephate
Arena0.25G Insecticide	59639-157	Clothianidin
Bandit 0.5G	432-1328	Imidacloprid
Banner MAXX	100-741	Propiconazole
Ceetah Pro	288-743	Glufosinate Ammonium
Cleantraxx	62719-702	Penoxulam, Oxyfluorfen
Dimension 2EW	62719-542	Dithiopyr
Dithiopyr 2EW	53883-500	dithiopr:S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)
Esplanade 200 SC	432-1516	Indaziflam

Gallery SC	62719-658	Isoxaben
Garlon4 Ultra Specialty Herbicide	62719-527	Triclopyr
Liberate	34704-50030	Lecithin, methyl esters of fatty acids, and alcohol ethoxylate
Merit 0.5G	432-1328	Imidacloprid
Merit 2 F	432-1312	Imidacloprid (1-[6Choloro-3-Pyridinyl) Methyl]-N-nitro-2-imdazolidinmine
Milestone Herbicide	62719-519	Triisopropanolammonium salt of 2pyridine
Miller NuFilm P	90930-50022	Pinene
Oust XP Herbicide	4321552	Sulfometuron-methyl
PCA Water Conditioner	81927-50022-AA	Ammonium Sulfate
Pro-Spread	1050778-50022-AA	Alkyl Phenol ethoxylate, Isopropanol, and Fatty acids
Ranger Pro Herbicide	524-517	Glyphosate
Sedgehammer	81880-1-10163	Glyphosate, N-(Phosphonometh) glycine
Roundup Pro	524475	Glyphosate
Snapshot 2.5 TG	62719-175	Trifluralin
Speedzone	2217-833	Carfentrazone-ethyl

Healthy Schools Act

Merced County Office of Education 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)