

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 child care center uses pesticides¹

Contacts

Plumas Lake Elementary School District 2743 Plumas Lake, CA 95961

Child Care Center Name

Address

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Center IPM Coordinator

IPM Coordinator's Phone Number

Email Address

IPM statement

It is the goal of PLUSD 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)*

Identify, treat, and prevent pest presence throughout the district by practicing proper preventative and reactive measures.

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
Pest Pros	Pest Contractor

Pest management contracting

- Pest management services are contracted to a licensed pest control business.
Pest Control Business name(s): Pest Pros
- 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: Pest Control Business, District 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 Pest Pros 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.)

Visually inspect the exterior of each structure monthly to identify pest entry points for correction in order to prevent pest entry. Monitor glueboards in food prep and storage areas for pest activity each visit. Follow written IPM escalation process attached: See Attached

Pests and non-chemical management practices

This child care center 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
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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 child care center 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 child care center 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 child care center 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 child care center 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 child care center 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: _____
- 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: 1/1/2024

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

Signature: _____ Date: 1/9/23

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)

The following is a list of approved materials that may be used at your location through the IPM escalation process. Any material outside of bait and eco-friendly products must be approved by the school approved IPM Coordinator before being applied with proper notification (24 hours before application and 72 hours after application unless an emergency).

Name of Pesticide	EPA #	Active Ingredient	Target Insect
Advance Granular Ant	499-370	Abamectin	Ants
Advion Roach Gel Bait	352-652	Indoxacarb	Roaches
Advion Ant Gel Bait	362-746	Indoxacarb	Ants
Alpine WSG	499-561	Dinotefuran	Crawling Insects
Bifen	5388-118	Bifenthrin	Crawling Insects
Cidetrak IMM	51934-9	Tetradecadien	IMM
Contra Blox	12455-79	Bromadiolone	Rats/Mice
Delta Dust	432-772	Deltamethrin	Crawling/Flying Insects
Essentria IC3	N/A	Rosemary Oil	Crawling Insects
Evergreen	1021-2560	Pyrethrins	Crawling/Flying Insects
Gentrol IGR	2724-351	Hydroprene	Crawling Insects
Liqua-Tox	12455-61	Sodium salt of Diphacinone	Rats/Mice
Maxforce Ant Station	432-1256	Fipronil	Ants
Maxforce Roach Station	432-1251	Hydramethylnon	Roaches
Maxforce Fly Bait	432-1375	Imidacloprid	Flies
Maxforce Fly Spot	432-1455	Imidacloprid	Flies
Niban	64405-2	Boric Acid	Crawling Insects
Nyguard IGR	1021-1603	2-Methyl Pyridine	Crawling Insects
PBO-8	655-736	Piperonyl Butoxide	Flying Insects
Selontra	7969-382	Cholecalciferol	Rats/Mice
Suspend SC	432-1514	Deltamethrin	Crawling Insects
Taurus SC	432-763	Deltamethrin	Ants/Termites
Tempo Ultra WP	432-1304	Cyfluthrin	Crawling Insects
Terad 3 AG Blox	12455-116	Cholecalciferol	Rats/Mice
Tengard SFR	70506-6	Permethrin	Crawling/Spiders
Termidor	432-452	Fipronil	Ants/Termites
ULD BP 300	499-452	Pyrethrins	Crawling/Flying Insects



Integrated Pest Management Plan

A. Proposed Methods for Monitoring and Detection:

We will inspect the property each visit. Findings will be logged and reported to our contact. The sanitation and pest control inspection report is designed to help our customers comply with public health. The report will include:

1. Report the extent and location of any pest problems encountered.
2. To specify actual or potential entry points of rodents or insects.
3. Report structural or environmental deficiencies, serving as actual or potential breeding sites for pests.
4. To note improper storage practices which invites pest harborage and prevents good housekeeping.
5. Report deficiencies in plumbing, ventilation, lighting, cleaning and sanitation.

We will then set up a monitoring system. One of the most important elements of IPM is the continuous cycle of monitoring, control, and evaluation. A good monitoring program will give you information about all aspects of the pest situation and conditions at the site. Monitoring includes the following:

1. Identifying and locating pests
2. Identifying areas of critical sensitivity
3. Estimating size of pest populations
4. Identifying factors that are contributing to the pest problem

B. Description of Non-Chemical and Chemical Pest Control Methods for Key Pests:

Non-Chemical Control for Ants on the exterior

1. Sanitation around the trash areas will be a key component in controlling ants on the exterior. Smoke and break areas will also need to be kept trash free.
2. Recycle bins should be moved away from the buildings.
3. Power wash these areas daily.
4. Water will need to be adjusted; over watering will put ants on the move.
5. Trees that have fruits on the ground should be picked up daily
6. Trees that hang over the buildings should be trimmed back as needed.
7. Pest proofing of entry points leading into the building should be sealed.

Non-chemical Control for Ants on the interior

1. Sanitation in the food serving and prep areas is key to controlling ants.
2. Remove available food by storing in plastic containers.

3. Clutter in store rooms or offices will create harborage for ants and should be cleaned regularly.
4. Standing water should be mopped up as needed.
5. Vacuuming food particles and other debris should be done 1 to 2 times a day.
6. Crumbs in computer key boards should be removed weekly or as needed.
7. Rinse soda cans before recycling.
8. Power washing of equipment in kitchens should be done no less than monthly.
9. Power washing of food carts, drains, trash rooms/cans/compactors, loading docks.
10. Grease should be cleaned regularly from oven areas.
11. Employees should be asked to help with the problem by not storing food items in there work areas.
12. Indoor plants should be checked for ant nests and removed if infested.

Chemical Control for Ants on the exterior

When a chemical treatment is needed we would first use the least toxic pesticides on our list.

1. Baits would be used in areas that have active ant trails and in void areas.
2. Granular formulation of non poison insecticide to lawns and shrub areas.
3. Eco IC would be used around the foundation and dumpster areas.
4. Eco aerosol would be used in cracks and crevices that would harborage ants.

If we continue to have a problem with ants we would do a treatment with Termidor SC.

Chemical Control for Ants on the interior

1. Baits would be used in areas that have active ant sightings and voids
2. Niban G would be used in plants that can't be removed.
3. Eco products with the least amount of odor would be used to treat areas that require spraying, trash areas, storerooms, warehouses, and boiler or mechanic rooms.
4. Eco D would be used in voids and ceiling areas.

If we continue to have a problem we would use suspend if approved to treat those areas.

Non-Chemical Control for Rodents on the exterior

1. Exclusion: fill, repair, and /or screen any point of entry 1/4" or more with hardware cloth, IPF foam, stucco patch, door sweeps, rubber seals, steel wool.
2. Cut back trees and pick up any fruit or nuts that have dropped to the ground.
3. Directional fencing-areas that have chain link fencing and surrounded by fields, weave metal strips through the links to prevent rodents from getting through. (This can also be used to funnel rodents to traps or bait stations by leaving holes in strategic places).
4. Do not feed wild animals (bird feeders, cats, etc.)
5. Inspect deliveries before taking into the structure.
6. Set up rodent boxes with snap traps inside.

Non-Chemical Control for Rodents on the interior

1. Exclusion on any areas not seen from exterior.
2. Store food in plastic containers.
3. Rotate stored food regularly-use the oldest first.
4. Keep employees from keeping food at their desks.
5. Keep interior perimeter walls accessible for inspection and eliminate rodent harborage.
6. Reduce clutter under sinks, in water heater rooms, and storage areas.
7. Fix plumbing leaks
8. Inspect incoming deliveries again.
9. Set up snap traps or tin cats in areas rodents have been seen.

Chemical Control for Rodents on the exterior

1. Set up rodent bait stations in areas that show rodent activity and areas that could be conducive to rodents.
2. Use Conrac Blox inside.
3. Bait stations will be numbered and secured to the wall, ground, or bricks with stainless steel anchors or cables.

Chemical Control for Rodents on the interior

1. Rodent stations would be set up in areas that show signs of activity or reports from the client of sightings.
2. Conrac Blox would be used inside the stations.
3. The boxes would be set up in areas that would not be seen by the customer. In areas that are in a direct working office we would use glue or snap traps.



Description of any Structural or Operational Changes that would facilitate the Pest Control Effort:

1. Exclusion: fill, repair, and /or screen any point of entry 1/4" or more with hardware cloth, IPF foam, stucco patch, door sweeps, rubber seals, steel wool
2. Cut back trees and pick up any fruit or nuts that have dropped to the ground
3. Do not feed wild animals (bird feeders, cats, etc.)
4. Fix plumbing leaks
5. Cut ivy and other ground cover away from the building approx 12".
6. Dump trash cans daily or more often if needed
7. Make sure trash areas are clean and free of spill