California State University San Bernardino Integrated Pest Management Plan

This plan meets the Healthy Schools Act requirement for an integrated pest management (IPM) plan. An IPM plan is required if using pesticides[1].

Contacts:

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IPM Statement

California State University San Bernardino aims to implement IPM by focusing on long-term prevention or suppression of pests through accurate pest identification, frequent monitoring for pest presence, applying appropriate action levels, and making the habitat less conducive to pests using sanitation and mechanical and physical controls. Effective pesticides will minimize risks to people, property, and the environment, only after other options have been shown ineffective.

Our pest management objectives are continually maintaining buildings to prevent pest entry by sealing cracks, crevices, windowsills, and other areas where pests can enter. Clean, sanitize, install barriers, remove rubbish, and remove food sources to prevent infestations. Maintain fields, grass areas, and other ornamental landscape areas consistently to avoid infestations of pests and weeds. When pests are identified, immediate action will be taken to minimize infestations.

IPM Team

In addition to the IPM Coordinator, other individuals who are involved in purchasing, making IPM decisions, applying pesticides, and complying with the California Department of Pesticide Regulations requirements include:

NAME AND / OR TITLE	ROLE IN IPM PROGRAM
Spray Technician	Applying pesticides and herbicides, complying with CDPR requirements, and monitoring
Grounds Workers	Applying pesticides and herbicides, complying with CDPR requirements, and monitoring

Pest Management Contracting

Pest management services are contracted to a licensed pest control business. Pest Control Business Names:
Animal Pest Management Services Inc
Before entering into a contract, the University has confirmed that the pest control business understands the Healthy Schools Act's training requirement and other requirements.

Pest Identification, Monitoring, and Inspection

Landscape Manager, Site Maintenance Staff, and Pest Control Businesses make pest identification. Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by Spray Technician and Site Maintenance Staff and results are communicated to the IPM Coordinator. Specific information about monitoring and inspecting for pests, such as locations, times, or techniques, include: Visual monitoring is performed by Spray Tech and Site Maintenance Staff.

Pests and Non-Chemical Management Practices

This University 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	OTHER
Ants	X	X	X	X			Clean Surfaces
Cockroaches	X	X	X	X			Clean
Mice	X	X	X	X	X	X	
Rats	X	X	X	X	X	X	
Gophers	X	X	X	X	X	X	

Chemical Pest Management Practices

If non-chemical methods are ineffective, the University 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 University expects the following pesticides (pesticide products and active ingredients) to be applied during the year.

Name of Pesticide	Method & Reason	Active Ingredients
Tribune Diquat	Spray- Weed Control	Diquat dibromide [6,7- dihydrodipyrido (1,2-a:2, 1-c) pyrazinedium dibromide]
Monument 75	Spray- Weed Control	2-pyridine sulfonamide, N-[[(4,6-dimethoxy-2-pyrimidinyl)amino] carbonyl]-3-(2,2,2-trifluoroethoxy)-, monosodium salt, monohydrate; Trifloxysulfuron-sodium
Lesco Triclopyr 4 Ester	Spray- Weed Control	Triclopyr
Lesco Pre-M Aquacap	Spray- Weed Control	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Speedzone Southern EW	Spray- Weed Control	2,4D, 2-ethylhexyl ester, Dichlorprop-p 2-ethylhexyl ester, Dicamba acid, Carfentrazone-ethyl
Lesco Prosecutor Pro	Spray- Weed Control	Glyphosate, N-(phosphonomethyl)glycine
Dimension 2EW	Spray- Weed Control	dithlopyr: 3,5 -pyridinedicarbothioic acid
Oust XP	Spray- Weed Control	Sulfometuron-methyl {Methyl 2 {{{{(4,6-dimethyl-2-pyrimdinyl)amino]-carbonyl]amino]sufony]benzoate}
Siesta	Spray- Fire Ant Control	metaflumizone (CAS No13998-49-3)
Lesco Aerosol Wasp and Hornet Spray	Spray- Wasp and Hornet Control	Tetramethrin, Permethrin and Piperonyl Butoxide

In addition, an outside pest control company may be called in on scheduled dates to assist in pesticide application. The pest control company may use the following chemicals:

Name of Pesticide	Method & Reason	Active Ingredients
Avalon Gopher Bait	Bait Station- Gopher Control	Strychnine Alkaloid 50%
Demand CS Insecticide	Spray- Insect Control	Lambda-Cyhalothin
Rodent Bait Diphacinone Treated Grain	Bait Station-Rodent Control	Diphacinone .005%
Fumitoxin Registrant	Tablets-Gopher Control	Aluminum Phosphide
Ditrac All-Weather Cake	Bait Station – Rat Control	Diphacinone .005%
Wisdom lawn Granular	Granular Pelets-Insect/FireAnt – Control	Bifenthrin .2%
Temprid FX	Spray- Insect Control	Imidacloprid 21% Beta-Cyfluthrin 10.5
Termidor SC	Spray-Insect Control	Fipronnil 9.1%
Weevil-cide	Bait Station- Gopher Control	Aluminum Phosphide 60%
Extinguish	Spray- FireAnt Control	Hydramethylnon S-Methoprene
Temprid SC	Spray- Insect Control	Imidacloprid 21% Cyfluthrin 10.5%
P.I. Contact	Spray- Bee Control	Pyrethrine .5% Piperonyl Butoxide
Transport GHP	Spray- Bee Control	Acetamiprid 22.7% Bifenthrin 27.27%

Healthy Schools Act

This University 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 University employees receive the following training before pesticide use:

Pesticide-specific safety training (Title 3 California Code of Regulations 6724)

Pesticide training courses 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 University staff during the calendar year, except pesticides exempt 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 IPM plan will be reviewed and revised, at least annually, to ensure that the information provided is true and correct.

Date of next review: January 2024

I acknowledge that I have reviewed this University IPM Plan, and it is true and correct.

Walter Elliot II (Apr 18, 2023 16:25 PDT)

Landscape/Fleet Manager

Apr 18, 2023

Date