



# San Francisco Reduced-Risk Pesticide List

## for City-Owned Properties

Approved September 22, 2025

### How to Use this List

The Reduced Risk Pesticide List (RRPL) includes pesticide products approved for use on *San Francisco City properties* under the SF Integrated Pest Management (IPM) Ordinance (Chapter 3, SF Environment Code).

**This list is only one component of San Francisco's IPM program.** Pesticides should be the last resort, when all other tactics have failed. The RRPL represents the outer boundaries of acceptable IPM tactics in SF.

**This list is San Francisco-specific, and not recommended for other local agencies.** The RRPL is created through a collaborative problem-solving process to accommodate the wide variety of highly specialized situations in San Francisco's unique climate. Other agencies are advised to develop their own lists based on their local needs.

**This list is not appropriate for homeowners.** Homeowners can solve most pest problems with minimal or no pesticide use. For information on managing common pest problems, see the [Our Water Our World website](#).

### Exemptions

Exemptions are required for any pesticides (i.e., herbicides, insecticides, fungicides, molluscicides, etc.) used on City property for products that are:

- ✓ Not listed on the SF Reduced-Risk Pesticide List — OR —
- ✓ On the RRPL but used differently than described in the RRPL's *Pesticide Limitations column*.

**To apply for an exemption, the City department IPM Coordinator should:**

1. **Call SFE first** to discuss alternatives, before spending time applying for an exemption.
2. **Fill out this [Pesticide Exemption Request](#).** Allow at least 2 days for your request to be processed. SF Environment will only grant exemptions in cases of:
  - a. Well-documented need for the pesticide and when all other alternatives have been tried or deemed impractical — OR —
  - b. For trial use of new reduced risk products

**To view approved exemptions in real time,** visit our [website](#).

All uses of pesticide under an exemption, as well as any use of pesticides categorized as "*Most Limited*" on the RRPL, must be justified by the relevant City department at the SF IPM Program's annual public hearing.

For City department questions on potential exemptions, contact Shoba Iyer, (415) 355-3759, [shoba.iyer@sfgov.org](mailto:shoba.iyer@sfgov.org). For more info on San Francisco's IPM Program, visit: <https://sfenvironment.org/pest-management-for-city-departments>

**San Francisco Reduced-Risk Pesticide List  
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Product Name	Type	US EPA #/ SF code*	Ingredient(s)	Pesticide Hazard Tier**	Use Limitation Type***	Use Instructions and Limitations -Other uses require an exemption-
<b>GENERAL USE PRODUCTS</b>						
Actinovate products	Fungicide	73314-1, 524-641	<i>Streptomyces lydicus</i> WYEC 108 0.0371%	Least hazardous (Tier III)	<b>Least Limited</b>	
Advance 360A Dual Choice Ant Bait Stations	Insecticide	499-496	Abamectin B1 0.011%	Most hazardous (Tier I)	<b>Least Limited</b>	
Advion Ant Gel	Insecticide	100-1498	Indoxacarb 0.05%	Least hazardous (Tier III)	<b>Least Limited</b>	
Advion Cockroach Bait Arena	Insecticide	100-1486	Indoxacarb 0.5%	Least hazardous (Tier III)	<b>Least Limited</b>	
Advion Evolution Cockroach Gel Bait	Insecticide	100-1484	Indoxacarb 0.6%	Least hazardous (Tier III)	<b>Least Limited</b>	
Advion Microflow Insect Bait	Insecticide	100-1682	Indoxacarb 0.22%	Least hazardous (Tier III)	<b>Least Limited</b>	
Advion WDG	Insecticide	100-1501	Indoxacarb 20%	Most hazardous (Tier I)	<b>Most Limited</b>	Use only in targeted spot treatments at the Conservatory of Flowers to manage ants when nonchemical techniques prove ineffective. Use only when Conservatory is closed to members of the public.
Ant and crawling insect baits - borate based - self contained, gel, liquid	Insecticide	Various	Boric acid, sodium tetraborate decahydrate, or other borate salts	Most hazardous (Tier I)	<b>Least Limited</b>	Liquid baits must be containerized.
Aquatrols Capsil	Adjuvant	9037-50003	Polyether Modified Polysiloxane 20%	Least hazardous (Tier III)	<b>Least Limited</b>	
Avian Control bird repellent, or equivalent products with same active ingredient	Avian repellent	88889-1	Methyl anthranilate 20%	Least hazardous (Tier III)	<b>Least Limited</b>	
Avenger Weed Killer Concentrate	Herbicide	92967-1	d-Limonene 70%	Least hazardous (Tier III)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Burndown herbicide. Not for use near water.
Axxe Broad Spectrum Herbicide	Herbicide	70299-23	Ammonium Nonanoate 40%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Burndown herbicide. Not for use near water.

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<b><i>Bacillus thuringiensis</i> insecticides (excluding mosquito control)</b>	Insecticide	Various	<i>Bacillus thuringiensis</i> (various subsp.)	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>BestYet Cedarcide</b>	Insecticide	exemptprod-009	Cedarwood oil 10%, amorphous silica	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>BioLink Buffer &amp; Penetrant</b>	Adjuvant	exemptprod-010	Citric acid 20%, garlic extract 7%	More hazardous (Tier II)	<b>Least Limited</b>	
<b>Cambistat &amp; Cambistat Row</b>	Growth regulator	74779-3	Paclobutrazol, 22.3%	More hazardous (Tier II)	<b>More Limited</b>	For use at Hetch Hetchy Water and Power to manage hardwoods and vegetation growing under power lines.
<b>Capstone</b>	Herbicide	62719-572	Aminopyralid, triisopropanolamine salt 2%, triclopyr, triethylamine salt 16%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Use for cut stem or injection. May use for targeted spraying only when cut stem or injection are not feasible.
<b>Cimexa Insecticide Dust</b>	Insecticide	73079-12	Amorphous silica gel 100%	Least hazardous (Tier III)	<b>Least Limited</b>	Only for use on ants, bedbugs, cockroaches, and lice when nonchemical techniques prove ineffective.
<b>Clearcast Herbicide</b>	Herbicide	241-437	Imazamox, ammonium salt	More hazardous (Tier II)	<b>More Limited</b>	Subject to "Restrictions on herbicides."
<b>Competitor</b>	Adjuvant	2935-50173	Ethyl oleate	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Conserve SC Turf and Ornamental</b>	Insecticide	62719-291	Spinosad 11.6%	More hazardous (Tier II)	<b>Least Limited</b>	For use as a last resort in greenhouses. If feasible, alternate with other products to avoid the development of resistance. Use on high value ornamentals only.
<b>Coyote urine based products</b>	Mammal repellent	exemptprod-014	Coyote urine	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Critter Ridder</b>	Mammal repellent	50932-10, 50932-10-42697	Oil of black pepper 0.48%, capsicum oleoresin 0.032%, piperine 0.185%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Debug Turbo</b>	Insecticide Nematicide	70310-5	Fats & glyceridic oils margosa 65.8%, azadirachtin 0.7%	More hazardous (Tier II)	<b>Least Limited</b>	

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<b>Detour</b>	Mammal repellent	exemptprod-015	White pepper 3%, white mineral oil 87%, silica 10%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Drione</b>	Insecticide	432-992	Pyrethrins 1%, piperonyl butoxide 10%, amorphous silica gel 40%	Most hazardous (Tier I)	<b>More Limited</b>	Use only to manage mites and yellowjackets in indoor wall voids when there is a concern for public safety and nonchemical techniques prove ineffective.
<b>Essentria IC3</b>	Insecticide Insect repellent	exemptprod-013	Rosemary oil 10%, geraniol 5%, peppermint oil 2%, wintergreen oil, white mineral oil, vanillin, polyglyceryl oleate	Least hazardous (Tier III)	<b>Least Limited</b>	USE UP EXISTING STOCK - NO LONGER SOLD
<b>Essentria IC Pro</b>	Insecticide	SFE-04	Sodium lauryl sulfate 11%, geraniol 10%, clove oil 3%, cornmint oil 1.5%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Fireworxx</b>	Herbicide	67702-54-59807	Caprylic acid 44%, capric acid 36%	More hazardous (Tier II)	<b>Least Limited</b>	
<b>Fosphite Fungicide</b>	Fungicide	68573-2	Potassium phosphate	Least hazardous (Tier III)	<b>More Limited</b>	
<b>Hydroprene-only products</b>	Insect growth regulator	Various	Hydroprene	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Insect Killing Soap Concentrate II</b>	Insecticide	42697-60	Potassium salts of fatty acids 49.52%	More hazardous (Tier II)	<b>Least Limited</b>	
<b>Lifeline Herbicide</b>	Herbicide	70506-310	Glufosinate-ammonium 24.5%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Rotate active ingredients to manage resistance.
<b>Maxforce Complete Granular Insect Bait</b>	Insecticide	432-1255	Hydramethylnon 1%	Most hazardous (Tier I)	<b>More Limited</b>	Only for use in containerized, tamper-resistant, refillable bait stations.
<b>Maxforce Impact Roach Gel Bait</b>	Insecticide	432-1531	Clothianidin 1%	More hazardous (Tier II)	<b>Least Limited</b>	Rotate active ingredients to manage resistance.
<b>Met 52 Granular Bioinsecticide</b>	Insecticide	70127- 10, 70127-8	Metarhizium anisopliae strain F52 11%	Least hazardous (Tier III)	<b>Least Limited</b>	Preferred alternative to spinosad products.

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<b>Milestone</b>	Herbicide	62719-519	Aminopyralid, trii-sopropanolamine salt (5928) 40.6%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> For invasive species in natural areas or parklands where other alternatives are ineffective, especially for invasive legumes and composites such as yellow star thistle and purple star thistle.
<b>Nematodes - beneficial</b>	Insecticide	Various	Various nematode spp.	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Nibor-D</b>	Insecticide	64405-8	Disodium octaborate tetrahydrate 98%	Most hazardous (Tier I)	<b>Least Limited</b>	
<b>Nufarm Polaris Herbicide</b>	Herbicide	228-534	Imazapyr, isopropylamine salt, 28%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Alternative to Tier I herbicides. Use caution with adjoining desirable vegetation.
<b>Oh Yeah! Organic</b>	Insecticide	SFE-03	Peppermint oil 1%; spearmint oil 1%; soap (potassium salts of fatty acids) 34%; water 64%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Orange Guard</b>	Insecticide	61887-1	D-limonene (orange oil) 5.8%	More hazardous (Tier II)	<b>More Limited</b>	Soap spray is preferred for removing ant trails. Minimize use in enclosed areas due to scent. Potential aquatic hazard - do not apply directly to water.
<b>Organocide</b>	Insecticide	exemptprod-010	Sesame oil 5%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Oust XP Herbicide (DuPont)</b>	Herbicide	432-1552, 352-601	Sulfometuron-methyl 75%	More hazardous (Tier II)	<b>Most Limited</b>	<b>Subject to "Restrictions on herbicides."</b> For use only on airport operational areas subject to FAA requirements, or PG&E and Hetch Hetchy power grid infrastructure.
<b>Pentra-bark Bark Penetrating Surfactant</b>	Adjuvant	83416-50001	Polyalkyleneoxide modified heptamethyltrisiloxane	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>PiGNX Caulking Gel</b>	Avian repellent	84418-1	Capsaicin 0.0357%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Profoam Platinum Foaming Agent</b>	Adjuvant	1051148-50001	Sodium lauryl sulfate, sodium lauroampho acetate, sodium decyl sulfate 60%	More hazardous (Tier II)	<b>Least Limited</b>	
<b>PT Alpine Pressurized Fly Bait</b>	Insecticide	499-568	Dinotefuran 1%	More hazardous (Tier II)	<b>More Limited</b>	Use at Laguna Honda Hospital residences to manage flies only in situations where sanitation is not enforceable.

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<b>PT Wasp-Freeze II Wasp and Hornet Insecticide</b>	Insecticide	499-550	Prallethrin 0.1%	Most hazardous (Tier I)	<b>Most Limited</b>	Use only when a concern for public safety, and in situations where use of soap-based products, Suspend, or physical removal is inadequate or unsafe.
<b>Roundup Custom for Aquatic and Terrestrial Use</b>	Herbicide	524-343	Glyphosate, isopropylamine salt 53.8%	Most hazardous (Tier I)	<b>Most Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Use only for situations where root translocation or residual effect on sensitive areas makes other alternatives infeasible.
<b>Sluggo Slug and Snail Bait</b>	Molluscicide	67702-3	Iron phosphate 1%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Suspend Polyzone</b>	Insecticide	432-1514	Deltamethrin 4.75%	Most hazardous (Tier I)	<b>Most Limited</b>	Restricted to treatments of stinging insect nests in highly public areas, where slower-working alternatives could result in hazards to the public. May also be used when preventive measures have failed for carpenter bees at Camp Mather or for wall treatments for mosquitoes in confined areas.
<b>Tri-Fol</b>	Adjuvant	CA 2935-50152	2-Hydroxy-1,2,3-propanetricarboxylic acid 25%; calcium chloride 9%	More hazardous (Tier II)	<b>Least Limited</b>	
<b>Ultra-Pure Oil</b>	Insecticide Miticide Fungicide	69526-5-499	Mineral oil 98%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Vastlan</b>	Herbicide	62719-687	Triclopyr choline 45.2%; glycerol 3%	More hazardous (Tier II)	<b>Most Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Use only for targeted treatments of highly invasive species via cut stem or injection. May use for targeted spot treatment only when cut stem or injection are not feasible. Also permitted for use on native scrub encroachment in habitat restoration programs.
<b>Zoecon PreCor IGR Concentrate</b>	Insect growth regulator	2724-352	S-Methoprene 1.2%; mineral oil refined 98.8%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>GOLF PRODUCTS</b>						
<b>Acelepryn</b>	Insecticide	100-1489	Chlorantraniliprole 18.4%	Least hazardous (Tier III)	<b>Least Limited</b>	Only for use on golf courses, lawns, and putting greens
<b>Civitas Turf Defense Pre-Mixed</b>	Fungicide	69526-17	Mineral oil, refined 89%	Least hazardous (Tier III)	<b>Least Limited</b>	
<b>Heritage Fungicide</b>	Fungicide	100-1093	Azoxystrobin 50%	Most hazardous (Tier I)	<b>Most Limited</b>	For use on Harding Park/Fleming golf courses only in preparation for tournament play

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<b>Lontrel Turf and Ornamental Herbicide</b>	Herbicide	62719-305	Clopyralid 40.9%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> For use on Harding Park/Fleming golf courses only in preparation for tournament play. May be used 1x/year in other golf courses on greens only.
<b>PoaCure SC</b>	Herbicide	89633-5	Methiozolin 25%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> For use at Harding Park/Fleming golf courses to manage <i>Poa annua</i> infestations.
<b>Primo Maxx</b>	Growth regulator	100-937	Trinexapac-ethyl 11.3%, tetrahydrofurfuryl alcohol (THFA)	More hazardous (Tier II)	<b>More Limited</b>	Only use on Harding/Fleming golf courses in preparation for major golf tournaments.
<b>Quicksilver T&amp;O</b>	Herbicide	279-3265	Carfentrazone-ethyl 21.3%	Most hazardous (Tier I)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Only for use on Harding Park/Fleming golf course greens.
<b>Quinclorac 1.5L</b>	Herbicide	53883-336	Quinclorac, dimethylamine salt 18.92%	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> For use on Harding Park/Fleming golf courses only in preparation for tournament play.
<b>Sapphire</b>	Herbicide	62719-547	Penoxsulam	More hazardous (Tier II)	<b>More Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Only use on City-owned golf courses in preparation for major golf tournaments, for no-mow grass as glyphosate alternative, or for <i>Arctotheca</i> control on other turf.
<b>Tourney EZ</b>	Fungicide	59639-257	Metconazole 42.5%	Most hazardous (Tier I)	<b>More Limited</b>	For use on Harding Park/Fleming golf courses only in preparation for tournament play. May be used 1x/year in other golf courses on greens only.
<b>Trimmit 2SC</b>	Growth regulator	100-1014	Paclobutrazol 22.3%	More hazardous (Tier II)	<b>More Limited</b>	For use only on golf courses in preparation for tournament play.
<b>Turflon Ester Ultra</b>	Herbicide	62719-566	Triclopyr, butoxyethyl ester 60.45%	More hazardous (Tier II)	<b>Most Limited</b>	<b>Subject to "Restrictions on herbicides."</b> Subject to "Restrictions on herbicides". Targeted treatment of golf course turf. HIGH PRIORITY TO FIND ALTERNATIVE.
<b>VECTOR CONTROL PRODUCTS</b>						
<b>Agnique MMF Mosquito Larvicide and Pupicide</b>	Mosquito control - other	53263-28 (INACTIVE)	Alpha-Isooctadecyl-Omega-Hydroxypoly(Oxyethylene) 100%	More hazardous (Tier II)	<b>More Limited</b>	Use for late instar mosquito larvae and pupae, in combination with microbial products. USE UP EXISTING STOCK - NO LONGER SOLD
<b>Cad3et All-Weather Blox</b>	Rodenticide	12455-162	Cholecalciferol 0.075%	More hazardous (Tier II)	<b>More Limited</b>	<b>See Site-Specific Limitations.</b> For rat control only in situations with high public health concerns, where trapping is infeasible. For use in rodent management stations within 100 feet of the exterior of structures. Burrow baits not permitted in parks. In all cases, monitoring shall be used whenever feasible to minimize rodenticide use.

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<b>Contrapest</b>	Rodent contra- ceptive	91601-1	Triptolide 0.001%, 4-vinyl cyclohexene diepoxide 0.1%	Most hazardous (Tier I)	<b>Least Limited</b>	For long term reductions in rat populations.
<b>Evolve</b>	Rodent contra- ceptive	SFE-05	Cottonseed oil 0.1%	Least hazardous (Tier III)	<b>Least Limited</b>	For long term reductions in rat populations.
<b>The Giant Destroyer</b>	Rodenticide	10551-1	Carbon 9%, sodium nitrate 50%, sulfur, 38%	Most hazardous (Tier I)	<b>Most Limited</b>	Alternative to baits for rodents in burrows. Observe label limitations on endangered species and potential for human smoke exposure. Not for use beneath or adjacent to structures
<b>Mosquito control - microbial</b>	Mosquito control - microbial	Various	<i>Bacillus thuringiensis</i> (Berliner or Israelensis) or <i>Lysinibacillus sphaericus</i>	Least hazardous (Tier III)	<b>Least Limited</b>	Any microbial mosquito larvicide with active ingredients <i>Bacillus thuringiensis</i> (Berliner or Israelensis) or <i>Lysinibacillus sphaericus</i> is categorized as Least Limited.
<b>Mosquito control products - IGRs</b>	Mosquito control - IGRs	Various	S-Methoprene (5026)	Least hazardous (Tier III)	<b>More Limited</b>	Use for tanks with limited access, or other areas where frequent treatments are infeasible. For City catchment basins, microbial products are preferred. Not for use in estuarine environments except under control of San Mateo Mosquito Abatement District.
<b>Mosquito control products - oils</b>	Mosquito control - other	Various	Highly refined petroleum distillate (mineral oil) - no aromatics	More hazardous (Tier II)	<b>More Limited</b>	Use as a pupacide for public health mosquito treatments.
<b>Rodent control - chlorophacinone baits</b>	Rodenticide	Various	Chlorophacinone	More hazardous (Tier II)	<b>More Limited</b>	<b>See Site-Specific Limitations.</b> For rat control only in situations with high public health concerns, to protect water supply infrastructure or hydroelectric facilities, and or at medical waste generators, where trapping is infeasible. Burrow baits not permitted in parks. In all cases, monitoring shall be used whenever feasible to minimize rodenticide use. PRIORITY TO FIND ALTERNATIVE.
<b>Rodent control - diphacinone baits</b>	Rodenticide	Various	Diphacinone	More hazardous (Tier II)	<b>More Limited</b>	<b>See Site-Specific Limitations.</b> For rat control only in situations with high public health concerns, to protect water supply infrastructure or hydroelectric facilities, and or at medical waste generators, where trapping is infeasible. Burrow baits not permitted in parks. In all cases, monitoring shall be used whenever feasible to minimize rodenticide use. PRIORITY TO FIND ALTERNATIVE.

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<b>Rodent control - bromethalin blocks</b>	Rodenticide	Various	Bromethalin 0.01%	Most hazardous (Tier I)	<b>Most Limited</b>	<b>See Site-Specific Limitations.</b> For use only in City-owned sewer lines, San Francisco International Airport Terminal Areas, or other situations of high public health concern that are not adjacent to natural areas. In commercial establishments, use of product shall be a last resort after other, less-toxic measures have been implemented, including sanitation and trapping, and only where a significant public health hazard is recognized by the San Francisco Dept. of Public Health. In all cases, monitoring shall be used whenever feasible to minimize rodenticide use. HIGH PRIORITY TO FIND ALTERNATIVE.

\*Some products are exempt from US EPA registration, and usually contain "Generally Regarded as Safe" ingredients. For products that do not have a US EPA registration number, either the California registration number or a product code generated by SF is provided.

\*\*A product's tier ranking reflects hazard (the possibility of harm) but not risk (probability of harm).

\*\*\*Use limitation type is an informal rating of risk (probability of harm), determined by considering a product's tier ranking, formulation, and typical use pattern.

## **San Francisco Reduced Risk Pesticide List: Restrictions on Herbicides for City Properties**

### **Background**

The use of chemical pesticides is always a method of last resort in San Francisco's Integrated Pest Management (IPM) Program. The Reduced Risk Pesticide List and these accompanying restrictions below were created in a public process by the San Francisco Department of the Environment in close consultation with affected City & County of San Francisco departments, in keeping with the Precautionary Principle and Integrated Pest Management ordinances (Environment Code, Chapters 1 and 3). *Any other uses of herbicides require an exemption granted by the San Francisco Department of the Environment.*

### **Goals**

1. Reduce the use of herbicides to those situations where they are only used in situations critical to public health, public safety, and protection of major public assets, including biodiversity assets.
2. Ensure that the restrictions are attainable through continued collaboration among City IPM staff.
3. Minimize potential harm to the environment, City workers, and the general public from any pest management activities, in keeping with the Precautionary Principle.
4. Maximize the ability of city residents to know when and where pesticides are being used.

### **A. Conditions of use - ALL HERBICIDES**

#### *Requirements*

1. All treatments must be posted as per City ordinance (Env Code §304). All postings must clearly identify the area to be treated. Postings should be placed in location(s) most likely to be seen by users of the treated area.
2. Blue indicator dyes must be used for spray treatments. The use of blue dye must be noted on the posting. Dye must be mixed at a concentration that makes it clearly visible.

#### *Exceptions:*

- a. Blue indicator dye is not required on golf courses, hardscapes, or in cases where posting is not otherwise required.
3. For treatment sites that cannot be readily described using the posting sign alone, a map showing the general location of expected treatment area(s) must be attached to the posting sign.
4. Contractors must be fully briefed and trained in, and implement the San Francisco IPM program's ordinance, requirements and policies.
5. All uses must comply with the California Red-legged Frog Stipulated Injunction.
6. No use on plants with edible berries when ripe fruits are present.
7. No use on green roofs or green wall features.

### **B. Conditions of use - TIER I HERBICIDES**

Tier I ("Most Hazardous") herbicides are subject to Conditions of Use for "ALL HERBICIDES" list above, plus the following:

#### *Requirements*

8. Any application of 'most hazardous' herbicides on City property within the City limits or at San Francisco International Airport must be under the direct supervision of a licensed person. A licensed person is defined for these purposes as a person possessing either an Agricultural Pest Control Advisor license, a Qualified Applicator License, or a Qualified Applicator Certificate issued by the California Department of Pesticide Regulation. "Direct supervision" means that the licensed person must be physically present at the site of application.
9. Within the City limits, when 'most hazardous' herbicides are used on publicly accessible parcels, either access to the treatment area must be blocked or a physical demarcation must be set up around the treatment area. Acceptable physical demarcations include fencing, rope, tape, or staked plastic cones.

#### *Exceptions:*

- a. Golf courses
- b. Street medians
- c. Areas managed for habitat conservation
10. No use for purely cosmetic purposes.

11. No use on the grounds of or within 15 feet of the boundaries of schools, preschools, childrens' playgrounds and other areas frequented by children.
12. No use within 15 feet of designated, actively maintained public paths. "Designated public paths" are walking paths that appear on City maps. If maps do not exist, then "designated public paths" means paths that are actively maintained by City operations.

*Exceptions:*

- a. Areas falling under state or federal vegetation management requirements, including utility rights of way and easements, dams, reservoir embankments, and watershed lands.
  - b. Cases where alternative control methods pose a significant public safety, public health or fire risk, for example, poison oak along popular trails.
  - c. Street median strips.
  - d. Trails that have been closed to public access, with informative signage (see #1) and physical barriers (see #8).
13. No broadcast spraying using a spray boom is permitted. Use of a backpack sprayer is not considered broadcast spraying, provided that the applicator is targeting specific plants that have been identified for treatment.

*Exceptions:*

- a. Targeted treatments at Harding Park golf course in preparation for tournament play.

## Site-Specific Limitations on Rodenticide Use

Updated 9/22/25

Rodenticides are always a last resort and should only be used in a manner consistent with local, state, and federal laws. Additionally, due to the concern over primary and secondary poisoning, the type of rodenticide and the manner in which it is applied will be determined by the general site characteristics.

### DEFINITIONS:

- Natural area:** Landscape area managed primarily for habitat, or managed for other uses (such as recreational or aesthetic uses) but likely to harbor significant populations of mammal or bird wildlife
- Primary poisoning:** Non-target animal eats poison directly
- Secondary poisoning:** Non-target animal eats poisoned target animal as prey
- Single-feed baits:** Baits with bromethalin, brodifacoum, bromodialone, difenacoum, difethialone active ingredients

General Site Description	Conditions Where Rodenticide Use is Permitted
Inside of sewers or sewage treatment facilities:	Baits must be secured either inside the sewer or inside a bait box. Single-feed baits permitted. Monitoring with non-toxic baits encouraged.
Commercial enterprises (such as restaurants) on leased City properties	Trapping preferred. Use of single-feed baits shall be a last resort after other, less-toxic measures have been implemented, including sanitation and trapping. <i>Exemption required for any single-feed baits, and only where a significant public health hazard is recognized by the SF Dept. of Public Health.</i>
Interior of structures with occupants (i.e., office space, recreation sites)	Trapping only.
Interior of non-enclosed structures (i.e., storage, stables, airport service areas) – not adjacent to natural areas.	Trapping preferred. Secure and anchored bait stations can be placed inside on a preventative basis. <i>No single-feed baits.</i>
Exterior of structures in urbanized areas (i.e., perimeter of offices)	Trapping preferred. Secure and anchored bait stations can be placed inside on a preventative basis. <i>No single-feed baits.</i>
Exterior of structures in natural areas	Multiple feeding baits may be used only as last resort in case of human health concern or structural integrity. Baits must be secured within bait boxes or buried in burrows. <i>No single-feed rodenticides.</i>
Landscape not adjacent to a natural area	Bait placed deep inside burrows, or secured inside bait boxes. Minimize use of pellets, mouse sized pellets only, must be buried deep in the burrow. <i>No single-feed baits.</i>
Natural area or landscape adjacent to a natural area	Multiple feeding baits may be used only as last resort in case of human health concern or structural integrity. Baiting should be limited to sensitive sites such as campfire areas, or on preventing infestation of structures. Baits must be secured inside bait boxes or burrows. <i>No use of pellets or single feeding rodenticides.</i>