

Updated Comparative Approved Pesticide List Table: Part 1

"Approved" Pesticide List Variables	City of Campbell	City of Palo Alto	Presidio Trust (NPS) San Francisco	City of Santa Barbara	County of Santa Clara
1. Authorization for List Ord=IPM Ordinance Pol=IPM Policy Pro=IPM Program only O=other (describe)	Pol	Pol	Pol	0=IPM Strategy adopted by City Council 1/26/04	Ord
2. Pesticide Uses Excluded from List Process PH=public health uses GC=fungicides on golf courses	PH GC	PH (antimicrobials not included as pesticide in policy)	Disinfectants	PH	a. Drinking water, reservoirs & wastewater treatment plants b. State/Fed. mandated pest mgmt. activities & pesticides c. Vector Control District actions d. Antimicrobials/ pesticides used on humans or animals
3. Length of Time List Process in Use (in years)	3	3	2	6 months (IPM Strategy) All City departments have been practicing least-toxic measures and IPM principles for over 10 years.	2
4. Type of Pesticide List(s) UOL=use <u>only</u> if on list DNU= <u>do not</u> use list B=both	DNU	DNU	UOL	B	B
5. Number of Lists 1=all pesticides on one list with various hazard categories 2+= pesticides on 2 or more separate lists (i.e. Approved, Exemptions Required, Research, etc.).	1	1	2 IPM documents: Grounds IPM and Golf Course IPM. Each has pest-specific chapters that include approved pesticides for that pest.	1	1

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6. Evaluation Review Category AI=by active ingredient(s) F=by formulated product B=by both ai & form. Product	B	AI	AI	B	B
7 Evaluation Method: Hazard DTH=Dickey tiered hazard LRA=Levitan Risk Assessment EPA=EPA Label HSB=Healthy Schools Act O=other (Describe)	EPA, MSDS	DTH is used to analyze all pesticides that were used at the end of the year— not to screen products used beforehand. Our short DNU list (Cat I-with exceptions, diazinon and chlorpyrifos) were added to our expanded DTH list to help us assess “why the pesticide is of concern” in case one of these DNUs were used	Similar to DTH. Excludes use of known groundwater contaminants, Prop 65 chemise cholinesterase inhibitors, Restricted Use pesticides. Only approve use of pesticides w/documentated need.	DTH, EPA, PROP. 65, San Francisco List	Objective Data Filters (Decision Rules) if need be followed by LRA

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8. Evaluation Method: Exposure EPA=EPA label LRA=Levitan risk assessment EU=end user review Other (describe)	EPA, MSDS	EPA	EU	EPA, Prop. 65	EPA/LRA
9. Inerts Included in Review IP=review includes public inerts (MSDS, etc.) EPA=reviewer uses only inerts data included within EPA label.	EPA	Inerts NOT included in review	EPA	EPA label EPA 4b for exempt products	EPA
10. When New Product's Local Efficacy Can Be Tested A=only after hazard rated and product added to approved list B=before hazard rated and product added to list E=exemption required for any use before hazard assessed and product added to List.	N/A	N/A-a product can be used as long as it's not on the DNU list.	E	A & E	O=New products screened for objective data filters (Hazard Tiers) meeting the ordinance criteria, efficacy trials, economics.
11. Exemption Component (i.e. permission is required in order to use a pesticide of special concern) Y=exemption system in place N=no exemption process used NE=no exemptions allowed O=other (describe)	Y	Y. Exemption in place for Fumitoxin™ if adequate control cannot be gained using trapping or exclusion.	Y: Ntnl. Environ. Protection Act review process used to evaluate exemption requests.	Y	Y

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12. Exemption Duration(s) 1=one time use per request YR=use ok one season or year O=other (describe)	1	YR	1	YR	a. Specific Exemption up to one (1) year b. One-time emergency use only
13. Compliance with List M=mandatory V=voluntary	M	M	M	M	M
14. List Applies To Both Structural and Landscape Pesticide Uses B=both L=landscape only S=structural only	B	B	B	B	B
15. List Applied to Contractors Y=yes N=no	Y	Y	Y	Y	Y
16. List Development/ Reviews S=staff only S/P=staff & advisory panel S/C=staff & consultant S/P/C=staff, panel, consultant	S/C	S	S/P	S/P	S/P/C
17. List Enforcement & Management (i.e., updating list, exemption decision process) IPMC=IPM Coordinator O=Other (Describe)	IPMC Public Works Supt. Bldg. Maint. Mgr.	IPMC	IPMC	IPM & Advisory Panel	IPMC

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18. Pesticide Use Reporting by Ingredient AI=active ingredient only FP=formulated product only AI & FP=both reported	AI & FP	AI	FP	AI & FP	AI & FP
19. Pesticide Use Reporting by Level of Information and Distribution Minimum=use info to county ag. commissioner only Minimum+=use info also sent to IPM coordinator Enhanced=use info plus other data on pesticides and non-chemical methods collected by IPM coordinator.	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced
20. Greatest Benefit of List Process (Summarize)	Currently the City does not have a list, but recognizes potential benefits of the concept.	It helped leverage other IPM efforts. The Policy is more helpful than DNU list, which had little impact on City with exception of gopher control.	a. Clear understanding by landscape and building mgrs. of the hazard/ risk assessmnt factors used for pesticide use approval. b. Landscape and building managers know that they are expected to practice IPM, not just reduced chemical use.	Public is aware that we do practice IPM.	It is too early to predict full benefits, but these are positive trends: a. Our significant pesticide use reduction in short term may be result of ordinance compliance. b. Process of pesticide selection criteria & risk analysis has helped user groups understand pesticide risks and seek alternatives. c. Conceptual paradigm shift has begun. d. Notable change towards IPM training not just pesticide application training.

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21. Greatest Challenge of List Process (Summarize)	Limited budget and labor to administer list.	Adding to it: research, justification, staff time/expertise, speculative reaction of end users to strengthening & expanding list	Finding alternatives when requested pesticides are processed through the hazard/risk evaluation and found not appropriate for use.	Staff time.	a. Need access to qualified technical experts to continue screening process for "Approved List" pesticides, especially in urban & suburban turf & landscape & rights-of-way vegetation management. b. Need performance data from field trials to enable end users to ID practical non-chemical IPM methods and reduced-risk pesticides.