

## Updated Comparative Approved Pesticide List Table: Part 2

“Approved” Pesticide List Variables	City of Santa Cruz	City of San Francisco	City of Santa Monica	City of Seattle	Ventura Unified School Dist.
<b>1. Authorization for List</b> Ord=IPM Ordinance Pol=IPM Policy Pro=IPM Program only O=Other (describe)	Pol	Ord	Program since 1996. Policy in process.	Pol	Pro
<b>2. Pesticide Uses Excluded from List Process</b> PH=public health uses GC=fungicides on golf courses	PH	PH	PH, safety threat, no effective alternatives	Structural (see #14) GC	PH
<b>3. Length of Time List Process in Use (in years)</b>	3	4	5	4 years	3
<b>4. Type of Pesticide List(s)</b> UOL=use <u>only</u> if on list DNU= <u>do not</u> use list B=both	UOL	UOL	UOL	B	UOL
<b>5. Number of Lists</b> 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.).	3 Allowed List Limited Use List Research List	1	1	2+	2+ “Go” list “Wait” list “Special Circumstances” list

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<b>6. Evaluation Review Category</b> AI=by active ingredient(s) F=by formulated product B=by both ai & form. Product	AI	B	B	B (acute haz by formulated product, known ingredients screened against lists)	AI  EPA exempt (AI + Inerts)
<b>7 Evaluation Method: Hazard</b> DTH=Dickey tiered hazard LRA=Levitan Risk Assessment EPA=EPA Label HSB=Healthy Schools Act	DTH	DTH	DTH, PANNA, EXTOKNET, CDMS website, Prop. 65, OEHHA and others	DTH	DTH + NCAP+EPA Exempt+CCOF + Personal knowledge
<b>8. Evaluation Method: Exposure</b> EPA=EPA Label LRA= Levitan Risk Assessment EU=End User Review	EPA & EU	EU & EPA	O=exposure evaluated by situation (e.g. High=parks; Low=airport runway)	EPA	End user (Go=green, Wait =yellow)
<b>9. Inerts Included in Review</b> IP=review includes public inerts (MSDS, etc.) EPA=reviewer uses only inerts data included within EPA label. O=other (Describe)	EPA & IP when available	EPA & IP when available	Inerts reviewed 25% of the time	IP	EPA & IP (for EPA registered pesticides) O=EPA 4a Inerts List (for EPA exempt pesticides)

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<p><b>10. When New Product’s Local Efficacy Can Be Tested</b>                      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                      O=Other (Describe)</p>	E	E	O=Products are evaluated for hazard and exposure, then would be tested for efficacy, then added to approved list.	E (but if need isn’t urgent, product should be evaluated first)	O=After Hazard Review; before on List
<p><b>11. Exemption Component</b>                      (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</p>	Y	Y	Y	Y	Y
<p><b>12. Exemption Duration(s)</b>                      1=one time use per request                      YR=use ok one season or year                      O=other (describe)</p>	YR (Tier 3); 1 (Tier 2)	YR; 1	1 & programmatic	O= two categories of exemptions: one-time use or programmatic (which lasts for one year)	O=Various institutional exemptions ongoing. In green zones can use “Wait” material on 1-time basis; Green zones can use “wait” material on 1-time basis if used with habitat modification to prevent further pests.

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<b>13. Compliance with List</b> M=mandatory V=voluntary O=Other (describe)	M	M	V	M	O=Not designed as policy, but can be adapted for that use. Zone system is being incorporated into City Santa Barbara IPM policy.
<b>14. List Applies To Both Structural and Landscape Pesticide Uses</b> B=both L=landscape only S=structural only	B	B	B	L	L currently
<b>15. List Applied to Contractors</b> Y=yes N=no	Y=required but purchasing infrastructure still being developed.	Y	Y	Y	Y
<b>16. List Development/ Reviews</b> S=staff only S/P=staff & advisory panel S/C=staff & consultant S/P/C=staff, panel, consultant	S/P/C	S/P/C	S/P	S/C	SPC Goal is to make reviews simple enough to be done in-house.

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<b>17. List Enforcement &amp; Management (i.e., updating list, exemption decision process)</b> IPMC=IPM Coordinator O=other (describe)	IPMC	IPMC, O  Database tracks use; inquiries are made for discrepancies	IPMC	O=2 levels. Database tracks use and rules and shows discrepancy when rules not followed. There is an inquiry to see where system failed. Technicians exemptions (e.g. use ok for up to one year) is decided by group of all Dept. and Citywide IPM coordinators One-time-only exemption requests go to IPM Department for discussion with applicant and decision-making.	Generally IPMC
<b>18. Pesticide Reporting</b> AI=active ingredient only FP=formulated product only AI & FP=both reported	AI & FP	AI & FP	AI	AI	Jurisdiction Dependent

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<p><b>19. Pesticide Use Reporting by Level of Information and Distribution</b>                      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.                      O=Other (describe)</p>	Enhanced	Enhanced	Enhanced for structural. Minimum and Other for landscape uses. O= <i>Monthly</i> landscape pesticide use reports sent to ag. commissioner. <i>Annual</i> landscape use reports are sent to IPM coordinator. Non-chemical uses are tracked by IPM coordinator through personal communication with staff.	Enhanced	O=Healthy Schools Act only requires that pesticide use data be collected and retained by a school district for 3 years. Schools are not required to report use to ag. commissioner. If pesticide contractors are hired by schools, the contractor must report use to ag. commissioner.
<p><b>20. Greatest Benefit of List Process</b>                      (Describe)</p>	1. Provides clear guidance to staff. 2. Sets clear standards & goals. 3. Provides exemption process for special cases	1. Simple compliance 2. Accountability 3. Limits imposed by list are incentive for group problem-solving, exploring new methods 4. Use of pesticides, especially higher hazard pesticides, has decreased substantially	1. Tracks products 2. Way to communicate which pesticide products allowed and why	Puts tier pesticide hazard ranking information and responsibility for pesticide decision-making at the individual gardener level where it is needed.	1. Measureable and budgetable risk reduction actions 2. Public communication and educational tool

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<p><b>21. Greatest Challenge of List Process</b> (Describe)</p>	<p>1. Updating process &amp; time required for research on additions/deletions to the list 2. Keeping staff informed about List and its guidance esp w/ staff changes and multi-departmental focus of program.</p>	<p>1. Time and expense of maintaining list 2. Skilled staff required to create meaningful use limitations 3. Need revised exemption process for potential reduced-risk products</p>	<p>1. Pesticide user groups worries they will not have pesticide when needed. 2. List must be maintained by designated person to insure new information is reflected.</p>	<p>1. Administrative upkeep of the pesticide database system 2. Approved list screening and updates 3. Staying current with training, etc.</p>	<p>1. How to make pesticide screening protocol usable by in-house staff. 2. How to foster cooperation on use of zone system by multiple jurisdictions.</p>