



County of Santa Cruz

COUNTY ADMINISTRATIVE OFFICE

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SUSAN A. MAURIELLO, J.D., COUNTY ADMINISTRATIVE OFFICER

December 1, 2000

AGENDA: December 12, 2000

Board of Supervisors
County of Santa Cruz
701 Ocean Street
Santa Cruz, California 95060

Integrated Pest Management Program

Dear Members of the Board:

On August 15, 2000, your Board adopted the Integrated Pest Management (IPM) Policy for controlling pests on County properties. The purpose of this letter is to provide your Board with a mid-year status report as specified in that policy.

On August 1, 2000, your Board approved the contract with the Regents of the University of California to develop a scientifically valid Integrated Pesticide Management program for the County, and to provide and supervise an Integrated Pest Management Coordinator. You also authorized the County Administrative Officer to sign and make ministerial changes to the contract.

Subsequent to your Board's action, the University of California Cooperative Extension (Agricultural Extension) requested a modification to the role of the IPM Coordinator. The requested modification was that the County, rather than the IPM Coordinator, would be responsible for convening public meetings and for convening the IPM Departmental Advisory Group. This office agreed to those modifications, and the revised contract was submitted to the University of California offices in Oakland for final signature. It is anticipated that the signed contract will be received by the middle of this month.

The Santa Cruz County UC Cooperative Extension has initiated recruitment activities for the IPM Coordinator, and interviews are scheduled for December 7, 2000. The County Administrative Office will participate in the interviews, and it is anticipated that the position will be filled by the beginning of the year.

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On October 3, 2000, your Board directed the County Administrative Officer to establish the Integrated Pest Management Departmental Advisory Group to assist the County in implementing the IPM policy. The membership of the advisory group was established as follows:

- the Director of Public Works or his representatives
- the Director of Parks or his representative
- the County Health Officer or his representative
- the Agricultural Commissioner or his representative
- a representative from CalTrans
- a representative from the Youth Soccer League
- a landscape architect or landscape maintenance gardener
- a licensed pesticide applicator
- two representatives from the Farm Bureau
- two representatives from environmental organizations
- two community members

A packet of materials concerning the IPM advisory group was prepared (Attachment A) by this office which explains the purpose and structure of the advisory group, lists its membership categories, provides a copy of the policy, and provides an application. The packet was distributed to the Pesticide Action Coalition, the Farm Bureau, and the Santa Cruz Youth Soccer League. In addition, copies of the packet were sent to the participating department heads with the request that they inform interested persons of the opportunity to participate in the advisory group. Also, a press release was issued, and the packet was placed on the County's web site.

The designated seats on the IPM advisory group have not been filled at this time. The Farm Bureau has notified this office that they will designate two members to the IPM advisory group. The Youth Soccer League is currently on winter break, and their next meeting will be in early February. At that time they will determine whether a representative is available to participate. CalTrans has agreed to participate, and one application for a position as landscape architect or maintenance gardener has been received.

Your Board also directed this office to solicit the participation of Sean Swezey, a Farm Extension Specialist from the UCSC Center for Agroecology and Sustainable Food Systems, and Kirk Lennington, Resource Ecologist with the City of Santa Cruz Parks and Recreation Department, as the two environmental organization representatives. Mr. Swezey has submitted an application for membership, but Mr. Lennington is unable to participate. However, Mr. Lennington has indicated his willingness to assist the County in other ways.

The first meeting of the IPM advisory group will be scheduled after the IPM Coordinator position has been filled. Until that time, and until all membership categories have been filled, we will continue to solicit additional members.

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In June 2001, the annual report will be provided to your Board. That report will include the recommended Integrated Pest Management plan, any recommended modifications to the IPM Policy, recommendations as to whether the IPM Policy should restrict those pesticides which are known to cause cancer or to have reproductive toxicity, recommended exemptions to the IPM policy, a recommended procedure for obtaining further exemptions, recommendations for increased staff and materials, if needed, to implement the IPM policy, comparison data on the types and amounts of pesticides used in 1999 and 2000, and a recommended method for measuring progress towards achieving the goals established by your Board.

The staff of this office and of the participating departments join in your Board's commitment to reducing the amount and risk levels of pesticides used on County property, and we look forward to continuing our work on this important issue.

IT IS THEREFORE RECOMMENDED THAT YOUR BOARD accept and file this status report on the County's Integrated Pest Management policy.

Very truly yours,



Susan A. Mauriello
County Administrative Officer

- cc: Celia Scott, Pesticide Action Coalition
- Jess Brown, Farm Bureau
- Larry Biggam, Santa Cruz Youth Soccer League
- Laura Tourte, UC Cooperative Extension Director
- Dave Moeller, Agriculture Commissioner
- Barry Samuel, POSCS Director
- Bob Watson, General Services Director
- Brian Turpin, Public Works Department
- David McNutt, M.D., M.P.H., County Health Officer
- Sean Swezey, UCSC Center for Agroecology
- Kirk Lennington, City of Santa Cruz Resource Ecologist

SAM/DP



COUNTY OF SANTA CRUZ

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Santa Cruz County Integrated Pest Management Departmental Advisory Group Informational Packet

On August 15, 2000, the Santa Cruz County Board of Supervisors adopted an Integrated Pest Management Policy for controlling pests on County property. The Board also directed the County Administrative Office to establish an Integrated Pest Management Departmental Advisory Group to review the effectiveness of the IPM policy and program and make recommendations to the Board.

This packet contains a copy of the IPM policy, information on the IPM Departmental Advisory Group, and an application form.

The membership of the IPM advisory group will include the following:

- the Director of Public Works or his representatives
- the Director of Parks or his representative
- the County Health Officer or his representative
- the Agricultural Commissioner or his representative
- a representative from **CalTrans**
- a representative from the Youth Soccer League
- a landscape architect or **landscape** maintenance gardener
- a licensed pesticide applicator
- two representatives from the Farm Bureau
- two representatives from environmental organizations
- two community members

Staff from Agricultural Extension will function as technical advisors.

Interested persons are encouraged to complete and submit an application form to the County Administrative Office.

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SANTA CRUZ COUNTY
INTEGRATED **PEST** MANAGEMENT **POLICY**

I. Statement of Goals

It is the goal of the Santa Cruz County Board of Supervisors to eliminate the use of pesticides on County property. In establishing this policy, it is acknowledged that this is a long-term goal which cannot be achieved instantaneously. It is also acknowledged that, even after dedicated review and exploration of all available options, it **may** not be possible to completely eliminate all pesticide use on County property. However, in those situations where pesticides cannot be completely eliminated, it is the Board's intention that the quantity and the risk level of pesticides which are used be reduced to the maximum degree possible. The Board of Supervisors further establishes the following:

- A. The County shall reduce its use of pesticides through the development and implementation of a comprehensive Integrated Pest Management plan.
- B. Effective July 1, 2001, and except for pesticides granted an exemption pursuant to Section VII, the following pesticides shall not be applied to County property:
 - 1. EPA Toxicity Class I pesticides,
 - 2. Pesticides which contain chemicals identified by the State of California as known to cause cancer or reproductive toxicity pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986, or
 - 3. Pesticides classified as proven human carcinogens by the United States Environmental Protection Agency.
- C. Effective January 1, 2003, and except for pesticides granted an exemption pursuant to Section II, County departments shall not apply EPA Toxicity Class II pesticides on County property.
- D. When pesticides are used on county property, County departments will follow the Integrated Pest Management Guidelines established below.
- E. Contractors applying pesticides to County property shall comply with the terms of this policy.

II. Exemptions:

- A. It is the intent of the Board that this policy be followed to the fullest extent possible, however, the policy is not intended to prohibit the application of any pesticides which are required by state or federal law.
 - B. Pesticides used by the Santa Cruz County Mosquito Abatement District are exempt from restrictions imposed by this policy but shall be reviewed as part of the Integrated Pest Management program to ensure that every effort is being made to use the least toxic pesticides available for this purpose.
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- C. Recommendations regarding further exemptions will be submitted for the Board's consideration in the 2000-01 annual IPM report. Exemption recommendations will specifically address the following applications:
 - 1. Antimicrobial agents
 - 2. Pesticides used to control burrowing rodents on the Pajaro and Salsipuedes levees
 - 3. Other applications determined by departments or the IPM Coordinator to warrant possible exemption.
 - 4. Criteria for recommending further exemptions.

 - III. Evaluation
 - A. The Integrated Pest Management Coordinator in conjunction with County departments shall develop a method of evaluating progress towards achieving the goals adopted by the Board of Supervisors
 - B. The Integrated Pest Management Coordinator will include an evaluation of progress towards achieving the goals in the annual report.

 - IV. Public Involvement
 - A. The Integrated Pest Management Coordinator will convene a series of public meetings to allow review of the plan as it is developed. The schedule of public meetings will be as follows:
 - 1. First public meeting: November 2000
 - 2. Quarterly public meeting: February 2001
 - 3. Quarterly public meeting: May 2000
 - B. The IPM Coordinator will convene an Integrated Pest Management Advisory Group.
 - 1. The Integrated Pest Management Advisory Group will work with the IPM Coordinator to review the effectiveness of the IPM policy and program and make recommendations to the Board.
 - 2. The Integrated Pest Management Advisory Group will include representatives from involved County departments, public health professionals, the Agricultural Commissioner, a representative from Caltrans, and members of the community.

 - V. Reports to Board of Supervisors
 - A. The Integrated Pest Management Coordinator will provide regular reports to the Board of Supervisors, including a mid-year status report and an annual report
 - B. The annual report will include the following:
 - 1. The recommended Integrated Pest Management plan
 - 2. Any recommended modifications to the Integrated Pest Management Policy
 - 3. Recommendations as to whether the Integrated Pest Management Policy should restrict those pesticides which are known to cause cancer or to have reproductive toxicity

- 4. Recommended exemptions to the Integrated Pest Management Policy, and a recommended procedure for obtaining further exemptions
- 5. Recommendations for increased staff and materials, if needed, to implement the Integrated Pest Management Policy'
- 6. Comparison of the types and amounts of pesticides used in 1999 and 2000
- 7. Recommended method for measuring progress towards -achieving the goals established by the Board of Supervisors
- C. Schedule of Reports to Board of Supervisors
 - 1. Mid-year status report: December 12, 2000
 - 2. Annual IPM report: June 2001
- VI. Integrated Pest Management Guidelines: For all pest problems on County property, County departments will utilize the following IPM guidelines:
 - A. Perform thorough in-field assessments of each pest problems
 - B. Use pest resistant plants and planting systems that minimize pest infestations
 - C. Establish injury levels and action thresholds for each individual pest species based on how much biological, aesthetic or economic damage the site can tolerate to determine when corrective action must be initiated.
 - D. Establish scouting or inspection procedures to monitor pest population levels and severity of the pest problem.
 - E. Select corrective actions using the following criteria:
 - 1. least disruptive of natural controls
 - 2. least hazardous to human health
 - 3. least toxic to nontarget organisms
 - 5. least damaging to the general environment
 - 6. most likely to produce permanent reduction of the pest
 - 7. easiest to carry out effectively
 - 8. most cost-effective in the short- and long-term
 - F. Modify pest ecosystems to reduce food and living space through physical and cultural practices and the use of biological pest controls.
 - G. Maintain an accurate record-keeping system to catalogue the following:
 - 1. the identification of the pest
 - 2. the size or density of the pest infestation
 - 3. the geographic distribution of the pest problem
 - 4. complete information on how you treated the pest, including what, how much, where, when, who, cost, and any application difficulties
 - 5. the effectiveness of treatment of solving the problem
 - 6. any observable side effects of the treatment on nontarget organisms
 - 7. any comments from residents
 - H. Recommended modifications to these guidelines will be submitted to the Board for consideration in the 2000-O 1 annual IPM report.

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- VII. Notification of Pesticide Use: County departments applying Toxicity Class I, II, or III pesticides shall comply with the following notification procedures:
 - A. Signs shall be posted the day before the application of the pesticide and will remain posted at least four days after the application of the pesticide.
 - B. Posting shall only be required in areas where the public can reasonably be expected to frequent and as near as possible to the site of the application.
 - C. Signs shall be posted at every entry point where the pesticide is applied if it is applied in an enclosed area, and in highly visible locations around the perimeter of the area where the pesticide is applied if the pesticide is applied in an open area.
 - D. Signs shall be of a design that is easily recognizable to the public and workers.
 - E. Signs shall contain the name and active ingredient of the pesticide, the target pest, the date of pesticide use, the signal word indicating the toxicity category of the pesticide, the date for re-entry if required, and the name and contact number of the County department responsible for the application.
 - F. County Departments shall not be required to post signs in right-of-way locations that the general public does not use for recreation purposes. However, each department that uses pesticides in such right-of-way locations shall develop and maintain a public access telephone number which will provide the information required in Section VII. E. Information shall be available from this telephone number on any pesticides which will be applied within the next four days or that have been applied within the last four days.
 - G. County Departments using pesticidal baits shall not be required to post notification signs. However, each department using pesticidal baits shall post a permanent sign at the facility where the baits are used. The sign shall indicate the type of baits used in the area, the target pests, the area or areas where the baits are commonly placed, and the contact number of the department responsible for the bait application.
 - H. Recommended modifications to these notification procedures will be submitted to the Board for consideration in the 2000-01 annual IPM report.

 - VIII. Training: County departments will provide training in the following areas to staff who are responsible for applying pesticides or who supervise staff who apply pesticides:
 - A. Principles of Integrated Pest Management
 - B. Toxicology of commonly used pesticides
 - C. General introduction to the evaluation of alternative strategic control options
 - D. Monitoring protocols for different pest problems, including record keeping
 - E. General introduction to identification of plant diseases and common pest problems procedures for developing site-specific IPM implementation plans
 - F. Recommended modifications to these training procedures will be submitted to the Board for consideration in the 2000-O 1 annual IPM report.

Santa Cruz County
Integrated Pest Management
Departmental Advisory Group
(IPM-DAG)

- I. Established by Board of Supervisors on August 15, 2000.
- II. Purpose of Integrated Pest Management (IPM) advisory group is to work with the IPM Coordinator to review the effectiveness of the IPM policy and program and make recommendations to the Board.
- III. Membership
 - A. County Administrative Officer or designated representative
 - B. Director of Public Works Department or designated representative
 - C. Director of Parks, Open Space and Cultural Services or designated representative
 - D. County Health Officer or designated representative
 - E. Agricultural Commissioner or designated representative
 - F. A representative from CalTrans
 - G. Representative from the Santa Cruz County Youth Soccer League
 - H. A landscape architect or landscape maintenance gardener
 - I. A licensed pesticide applicator
 - J. Two representatives from the Farm Bureau
 - K. Two representatives from environmental organizations
 - 1. Sean Swezey, Farm Extension Specialist from UCSC Center for Agro-ecology and Sustainable Food Systems
 - 2. Kirk Lennington, Resource Ecologist with City of Santa Cruz Parks and Recreation Department
 - L. Two community members
- IV. Staffing
 - A. The County Administrative Office will staff the advisory group
 - B. UCSC Agricultural Extension will provide an Integrated Pest Management Coordinator who will provide technical assistance to the advisory group. .
- V. Reports to Board of Supervisors
 - A. Schedule of Reports to Board of Supervisors
 - 1. Mid-year status report: December 12, 2000
 - 2. Annual IPM report: June 2001
 - B. Annual report
 - 1. The recommended Integrated Pest Management plan
 - 2. Any recommended modifications to the Integrated Pest Management Policy
 - 3. Recommendations as to whether the Integrated Pest Management Policy should restrict those pesticides which are known to cause cancer or to have reproductive toxicity

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4. Recommended exemptions to the Integrated Pest Management Policy, and a recommended procedure for obtaining further exemptions
5. Recommendations for increased staff and materials, if needed, to implement the Integrated Pest Management Policy
6. Comparison of the types and amounts of pesticides used in 1999 and 2000
7. Recommended method for measuring progress towards achieving the goals established by the Board of Supervisors

VI. Structure of Departmental Advisory Groups defined in County Code §2.38

- A. An advisory body created by a county department or agency
- B. Cannot have a majority of members be County or other non-county public employees
- C. DAG may be established, amended or abolished at the discretion of an agency of department head. Notification in writing shall be given to the board of supervisors and CAO prior to taking any action to establish, amend or abolish a group. Notice shall include the group's statutory authority, if any, the group's purpose, the group's membership, the termination date for the group, and the group's organization and procedures.
- D. Groups are not required to comply with the Brown Act, but the Board has directed that this group comply
- E. Members must be County residents
- F. Any person seeking to serve on a department advisory group may submit to the agency or department head selecting the group a written request expressing his or her interest in serving on such advisory body. The department head shall maintain a copy of all such requests.
- G. The department head may appoint one or more officers of a department advisory group.
- H. Bylaws are not required. If bylaws are not promulgated, the department head shall be responsible for determining all matters necessary for the conduct of business.
- I. Minutes shall be prepared and maintained by the department head or designee.
- J. An annual report shall be submitted to the department head on or before January 1st of each year. The department head shall transmit the report to the Board and to the CAO by January 31st each year.
- K. Members are not entitled to reimbursement for traveling and other expenses.

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Previous Commission or Committee Experience (Please specify):

Advisory Body	Term

Education:

Institution	Major	Degree	Year

Work/Volunteer Experience:

Organization	Address	Position	Year

Statement of Qualifications:

Please attach a brief statement indicating why you are interested in serving on the Integrated Pest Management Departmental Advisory Body and why you are qualified for the appointment.

Certification:

I certify that the above information is true and correct and I authorize the verification of the information provided for purposes of consideration for appointment.

Signature

Date

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