



# County of San Diego

JACK MILLER  
Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
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ELIZABETH POZZEBON  
Assistant Director

February 1, 2013

## MEMORANDUM

TO: Jack Miller, Director

FROM: Rebecca Lafreniere, Community Health Division Chief

### LIST OF EYE GNAT ABATEMENT MEASURES THAT ARE CANDIDATES FOR VALIDATION

In accordance with Section 64.405(a) Title 6, San Diego County Code of Regulatory Ordinances, within one month of the effective date (January 4, 2013), the Director shall compile a list of eye gnat abatement measures that are candidates for validation.

Staff sought input from the Farm and Home Advisor and concluded that the following eye gnat abatement measure, "Proper Fertilizer Use" has undergone a scientific peer review process which supports the conclusion that the abatement measure is effective. In addition, staff sought input from the Farm and Home Advisor and concluded that the eye gnat abatement measure, "Irrigation Practices" is effective as an abatement measure and is a candidate for review pursuant to Section 64.405(c) which allows for two or more Professors of Entomology or similarly qualified person, not employed by the county, to review the effectiveness of candidate measures identified by the Farm and Home Advisor that have not been validated based on prior peer reviews.

- Proper Fertilizer Use<sup>1</sup>  
Fertilizers need to be process or liquid feed, not raw manure or raw organic matter. If unprocessed, they need to be added to the soil when eye gnats are not present.
- Irrigation Practices  
Reducing the amount of water used on a farm and on a crop by utilizing drip emitters or drip tape.

Staff recommendation is to validate candidate measure "Proper Fertilizer Use" pursuant to Section 64.405(b) and to implement provisions of Section 64.405(c) seeking validation of "Irrigation Practices".

APPROVED

DENIED

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Jack Miller, Director

<sup>1</sup> Mulla, M.S., and Axelrod H. 1973. Organic wastes and soil additives as producers of *Hippelates* eye gnats (Diptera-Chloropidae). Environmental Entomology