

ITEM: 10
SUBJECT: Nutrient Management Plan Implementation

BOARD ACTION: *No board action. Information item.*

BACKGROUND: The following is provided by the speaker, Kristin Dzurella, Analyst, Department of Land, Air, & Water Resources, University of California, Davis.

The speaker will present an overview of nutrient management planning from a practical standpoint. A nitrogen (N) budget is a tool that can be used for planning N fertilizer applications and for evaluating over time the N use efficiency achieved in a field. While quantitative assessment of nitrate leaching from individual fields is impractical on a large scale, estimating nitrogen use efficiency by tracking annual N budgets can provide a good proxy for identifying situations where leaching losses may be excessive. The speaker will discuss the inherent uncertainties of budgeting and the challenges associated with using the tool as a basis of nutrient management planning and for assessing the effectiveness of an implemented plan, both from the grower and regulatory standpoint.

RECOMMENDATION This is an information item only.

Mgmt. Review __JK____
Legal Review __APM____
October 3, 2013
San Joaquin County Robert J. Cabral Agriculture Center
2101 E. Earhart Avenue
Stockton, CA 95206