

## **Onion Nutrient Management Guide**

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### *Project Rationale*

Nitrogen, in the form of nitrate, is a pollutant of groundwater. Improved management of inorganic N fertilizer applications is needed to reduce the amount of nitrate available for leaching to groundwater.

The onion nutrient management guide summarizes field research done primarily in two regions: the Treasure Valley (Ontario) area, and in the Columbia Basin (Hermiston) area. Both areas have received substantial past ODA funding as groundwater management areas.

### *Accomplishments*

The onion nutrient management guide summarizes field research projects into a concise format readily available to agriculture service industry representatives, growers, consultants, and extension agents. The long-term impact of the project will be to reduce nitrogen inputs to groundwater through improved management practices.

### *Procedures*

The onion guide is being produced by the following team: Dan M. Sullivan, Bradford D. Brown, Clinton C. Shock, Donald A. Horneck, Robert G. Stevens, Gary Q. Pelter, and Erik B. Feibert. The publication has gone through several rounds of internal review and is now out for external peer review. We anticipate printing by OSU Extension and Experiment Station Communications in September, 2000.