



University of California
Agriculture and Natural Resources

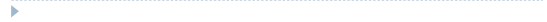
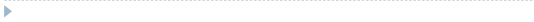
UC Solution Center for Nutrient Management



Sample Questions

Have you ever wondered what other farmers are doing to manage winter cover crops in time to get their spring crops planted?

Do you want to know what the latest research has to say about different irrigation methods and how they can help to reduce soil emissions of nitrous oxide – a powerful greenhouse gas?



Solution Center for Nutrient Management

Provide **farmers** and **outreach professionals** with **information resources** and **decision tools** to help improve nutrient management practices

- ▶ To minimize negative **environmental impacts** (relating to climate change and others)
- ▶ To meet **regulatory requirements**
- ▶ To maintain or increase **farm profitability**



The Need

Environmental pollutants from agricultural nutrients

- ▶ **New regulations**
 - Dairy General Order
 - Irrigated Lands Regulatory Program

Lack of comprehensive info resources

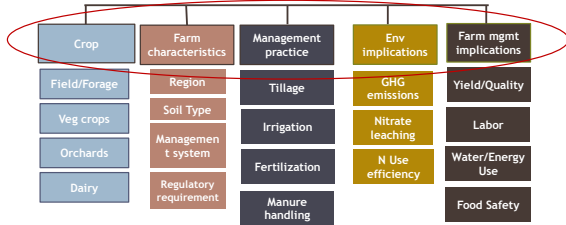
Growers' expressed desire for better organized web resources





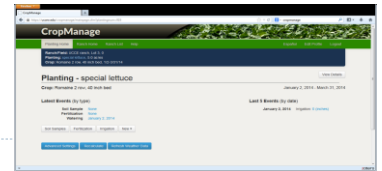
Searchable Database

Searchable Database on management practices that relate to nutrient management; focus on multi-factor decision making and tradeoffs



Portal to current information on nutrient management

- ▶ UC Fruit and Nut Research Information Center
- ▶ UC Vegetable Research and Information Center
- ▶ CDFA Fertilizer Research and Education Program (FREP) Crop Fertilization Guidelines
- ▶ Online decision tools, e.g. CropManage



The Need

- ▶ **Decreased Cooperative Extension capacity for one-on-one contact**
 - ▶ 40% decrease in staff in last 2 decades



Virtual Field Days & Office Hours

We're working with FarmsReach to create an **online discussion forum** to:



- ▶ Host short term, **focused discussions** to help growers improve practices through **advice from fellow farmers, UC experts, and consultants**
- ▶ Provide an **outreach avenue for UC researchers** to share findings with ag community
- ▶ Create a **searchable archive of information** from forum topics, reveal important research gaps

Participate in our first Virtual Field Day this fall at Farmsreach.com



Other Networking and Learning Opportunities

- ▶ Farmer Profiles: Case studies of experienced nutrient managers
- ▶ Interactive map of on-the-ground learning sites:
 - ▶ UC Research and Extension Centers
 - ▶ Russell Ranch
 - ▶ Educational farms



Visit our site!

We want your feedback and your input!



ucanr.edu/sites/nutrient_management_solutions