

Creating a Fertilization Plan

WHAT IS A FERTILIZATION PLAN?

A STRATEGIC APPROACH TO MANAGING THE APPLICATION OF FERTILIZERS

*HOW TO BUILD YOUR FERTILIZATION PLAN -
UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION (UCCE)
CAN HELP!*

STEP 1: Determine Your Soil Type - [USDA Web Soil Survey](#)

STEP 2: Soil Testing – Identify which nutrients are already available and which need to be added. [Testing Laboratories](#).

STEP 3: Crop Requirements – Learn the specific nutrient needs of your crop. [UCCE](#) has fertilization guidelines for most crops.

STEP 4: Fertilizer Selection – Choosing the right type of fertilizer based on nutrient deficiencies and your crops need. [UCCE](#) has fertilizer suggestions based on your information.

STEP 5. Application Rates: Determining how much fertilizer to apply. [UCCE](#) has guidelines based on years of research.

STEP 6: Timing of Application – Scheduling the application to coincide with key growth stages of the crops. [UCCE](#) can assist in determining when to apply.

STEP 7: Monitoring and Adjustment – Regularly assessing crop performance and soil health to adjust the plan as needed.

WHAT ARE THE BENEFITS OF A FERTILIZATION PLAN?

- 1. Optimized nutrient use:** Ensures that plants receive the right amount of nutrients at the right time, avoiding overuse or deficiency.
- 2. Improved crop yield and quality:** Promotes healthier growth, leading to better yields and higher quality crops.
- 3. Cost Efficiency:** Helps farmers plan and budget for fertilizers, reducing unnecessary expenditures and waste.
- 4. Soil Health Management:** Keeps the soil healthy and full of nutrients, helping plants grow well for a long time.
- 5. Environmental Protection:** Minimizes the risk of nutrient runoff.
- 6. Pest and Disease Resistance:** Well-nourished plants are often more resistant to pests and diseases, reducing the need for pesticides.

Organic Inspections and Sampling - FY 24/25

INSPECTIONS SUMMARY					
	Q1	Q2	Q3	Q4	Total
Certified Farmers' Market:	32				32
In Violation:	1				1
Production Site:	20				20
In Violation:	0				0
Handling Facility:	14				14
In Violation:	1				1
Retailer:	12				12
In Violation:	1				1
Total Inspections:	80				80
In Violation:	3				3

SAMPLING SUMMARY					
	Q1	Q2	Q3	Q4	Total
Certified Farmers' Market:	2				2
Residues Detected	0				0
Production Site:	9				9
Residues Detected:	0				0
Handling Facility:	11				11
Residues Detected	0				0
Retailer:	14				14
Residues Detected:	1				1
Total Random Samples:	36				36
Residues Detected:	1				1

COMPLAINT/INVESTIGATION SUMMARY					
	Q1	Q2	Q3	Q4	Total
Investigated:	1				1
Found to be in violation:	1				1
Investigative Samples:	0				0
Residues Detected:	0				0

