

## Practice Based Certifications Organic, Biodynamic, Sustainable (SIP)

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HYATT VINEYARD CREEK  
SANTA ROSA, CALIFORNIA

# Overview

- ALL - Annual Cycles, Document & Site Audits, Not Limited to Regions, Allow Labels on (according to rules)
- Organic
  - National Standards ([www.ams.usda.gov/AMSV1.0/NOP](http://www.ams.usda.gov/AMSV1.0/NOP))
  - Focus on the Elimination of “Synthetic” Pesticides & Inputs ([www.omri.org](http://www.omri.org))
  - A Lot of Content on Drift, Buffers, Materials, Etc.
- Biodynamic
  - Demeter Standards ([www.demeter-usa.org/](http://www.demeter-usa.org/))
  - Approved OMRI List & some additional materials are restricted
  - Additional emphasis on animal integration and Biodynamic preparations
- Sustainable (SIP)
  - Uses SIP Standards (10 Chapters)
  - Requirements & Management Enhancements Point System (75% Required)
  - Prohibition of specific high risk pesticides (cholinesterase inhibitors, groundwater contaminants, toxic air contaminants)

# The Topics

Topic	Organic	Biodynamic	Sustainable SIP
Biodiversity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vineyard Mgt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Soil Conservation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pest Mgt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Water Quality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pesticides	OMRI Approved	OMRI Approved Plus	Prohib High Risk
Water Conservation			<input checked="" type="checkbox"/>
Energy Conservation			<input checked="" type="checkbox"/>
Air Quality			<input checked="" type="checkbox"/>
Social Equity			<input checked="" type="checkbox"/>
Continuing Education			<input checked="" type="checkbox"/>
Fruit Quality			<input checked="" type="checkbox"/>
Economic Viability			<input checked="" type="checkbox"/>

# Soil Fertility

## Organic Sample Question



3) What type of testing do you perform? (Copies of tests must be available.)

- N/A, no testing performed
- Soil tests
- Tissue tests
- Microbiological tests
- Crop quality testing
- Other:

How often is testing performed?

- Daily
- Weekly
- Monthly
- Annually
- As needed
- Other:

*Source: OSP Section G4.0*

# Soil Fertility

## Biodynamic Sample Question



**The foundation of the fertility system needs to be based on strategies that emphasize generating fertility from within the life of the farm.** It needs to be demonstrated that the following fertility management techniques are utilized to their maximum potential, when applicable for a given site, when allowed fertility materials are imported. There are also limitations on the amount of fertility that can be imported (see Soil Fertility Management Section II):

- A. Integrating livestock
- B. Green manure
- C. Legumes/nutrient catch crops in rotation.
- D. Use of Biodynamic preparations
- E. Careful crop rotation

*Source: Demeter Guidelines for the Farmer, pg 7*

# Soil Fertility

## Sustainable (SIP) Sample Question



### Requirement

3.2.1.1 The soil must be sampled and tested at least every three years for nutrient content and monitored for pH, Electrical Conductivity (EC), and toxicities. Attach results of soil samples within the last three years.

### Management Enhancement

3.2.2.2 Is your soil amendment program based on visual, tissue, water, and soil sampling?

- Based on a combination of three or four sample results YES: 2 pts
- Based on one or two sample results YES: 1 pt
- Based on none of the above NO: 0
- If yes, attach soil, water, and/or tissue sample results.

*Source: Sustainability in Practice Standards, pg 28*

# Learn More

- Organic
  - National Organic Program [www.ams.usda.gov/AMSV1.0/NOP](http://www.ams.usda.gov/AMSV1.0/NOP)
  - Approved Materials [www.omri.org](http://www.omri.org)
- Biodynamic
  - Demeter Standards [www.demeter-usa.org](http://www.demeter-usa.org)
- Sustainable (SIP)
  - Standards & Program Details [www.vineyardteam.org](http://www.vineyardteam.org)

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