

SCORE SHEET



Extra copies of this SCORE SHEET can be downloaded from <http://wine.wsu.edu/research-extension/sustainability-report-card/>.

Directions

1. Circle your score for each question in each section.
2. For each section, add up the total of the numbers circled and record this total in the light green box.
3. In the Section Score column, circle the number (1 through 4) that corresponds to your total for that section.
4. Transfer your Section Scores to the Overall Score box on the opposite page, circling 1–4 for each section.
5. Calculate the average of your Section Scores and record it in the Average Score box.
6. Determine your level of sustainability by reading the corresponding statement under Overall Score Interpretation.

Section I • Vineyard Management	Question Score	Section Score	
Vineyard Floor/Soil Cover Management			
1) Identify Goals	1 2 3 4	10 to 15 = 1 16 to 24 = 2 25 to 34 = 3 35 to 40 = 4	
2) Soil Cover Management	1 2 3 4		
3) Herbicide Resistance	1 2 3 4		
Canopy Management			
4) Trellis Gaps	1 2 3 4		
5) Pruning: Timing/ Assessing Cold Damage	1 2 3 4		
6) Pruning: Vine Vigor	1 2 3 4		
Crop Estimation and Yield Adjustments			
7) Yield Estimation	1 2 3 4		
8) Yield Management	1 2 3 4		
Vineyard Record Management			
9) Keeping Records	1 2 3 4		
10) Site Maps	1 2 3 4		
TOTAL POINTS • Sec. I			

Section II • Nutrient Management	Question Score	Section Score	
Soil and Plant Tissue Testing			
1) Soil Testing	1 2 3 4	12 to 18 = 1 19 to 30 = 2 31 to 41 = 3 42 to 48 = 4	
2) Leaf Sampling/Testing	1 2 3 4		
3) Lab Result Interpretation	1 2 3 4		
Nitrogen Management			
4) Organic N Contribution	1 2 3 4		
5) Adding Organic Material	1 2 3 4		
6) Determining N Application	1 2 3 4		
7a) CONVENTIONAL: N Source 7b) ORGANIC: N Management	1 2 3 4		
8) N Application Timing	1 2 3 4		
Macro- and Micronutrient Management			
9) Macronutrient Management	1 2 3 4		
10) Micronutrient Management	1 2 3 4		
Fertilizer Management			
Ground Fertilizer Strategy 11a) DRIP-Irrigated Vineyard 11b) SPRINKLER-Irrigated 11c) FURROW-Irrigated	1 2 3 4		
12) Foliar Fertilizer Application	1 2 3 4		
TOTAL POINTS • Sec. II			

Section III • Irrigation Management	Question Score	Section Score	
System Setup			
1) System Type	1 2 3 4	6 to 10 = 1 11 to 15 = 2 16 to 20 = 3 21 to 24 = 4	
2) Irrigation Scheduling	1 2 3 4		
Soil and Water			
3) Water Quality	1 2 3 4		
4) Soil Management for Water Infiltration	1 2 3 4		
Monitoring and Maintenance			
5) System Maintenance	1 2 3 4		
6) Moisture Monitoring	1 2 3 4		
TOTAL POINTS • Sec. III			

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Section IV • Pest Management	Question Score	Section Score
Weed Management		
1) Weed Management Plan	1 2 3 4	6 to 11 = 1 12 to 15 = 2 16 to 20 = 3 21 to 24 = 4
Disease Management		
2) Powdery Mildew	1 2 3 4	
Insect Pest Management		
3) Insect Management Plan	1 2 3 4	
4) Cutworms	1 2 3 4	
5) Leafhoppers	1 2 3 4	
6) Mealybugs	1 2 3 4	
TOTAL POINTS • Sec. IV		

Section V • Pesticide Storage, Handling and Safety	Question Score	Section Score
Storage and Disposal		
1) Separate Storage Area	1 2 3 4	12 to 18 = 1 19 to 30 = 2 31 to 41 = 3 42 to 48 = 4
2) Storage Security	1 2 3 4	
3) Inventory Management	1 2 3 4	
4) Pesticide/Container Disposal	1 2 3 4	
5) Container Condition	1 2 3 4	
6) Recyclable Containers	1 2 3 4	
Pesticide Handling		
7) Mixing/Loading Location	1 2 3 4	31 to 41 = 3 42 to 48 = 4
8) Spill Kit	1 2 3 4	
9) PPE	1 2 3 4	
Pesticide Application		
10) Sprayer Cleaning	1 2 3 4	31 to 41 = 3 42 to 48 = 4
11) Application Record Keeping	1 2 3 4	
12) Employee Notification	1 2 3 4	
TOTAL POINTS • Sec. V		

Section VI • New Vineyard Establishment	Question Score	Section Score
Site Selection		
1) Previous Land Use	1 2 3 4	5 to 7 = 1 8 to 11 = 2
2) Soils	1 2 3 4	
3) Cold and Frost Risk	1 2 3 4	
Vineyard Design		
4) Establishing Irrigation	1 2 3 4	12 to 16 = 3 17 to 20 = 4
5) Row and Vine Spacing	1 2 3 4	
TOTAL POINTS • Sec. VI		

Section VII • Continuing Education	Question Score	Section Score
1) Extension/WSDA Information	1 2 3 4	3 to 4 = 1
2) Trade/Industry Publications	1 2 3 4	5 to 7 = 2
3) Workshops	1 2 3 4	8 to 10 = 3
TOTAL POINTS • Sec. VII		11 to 12 = 4

OVERALL SCORE		
Section	Section Score	Average Score
I	1 2 3 4	
II	1 2 3 4	
III	1 2 3 4	
IV	1 2 3 4	
V	1 2 3 4	
VI (Optional)	1 2 3 4	
VII	1 2 3 4	

Overall Score Interpretation

If your Average Score is 1.0–1.5, your current practices are highly sustainable. The environmental and economic sustainability of your operation meets or exceeds expectations.

If your Average Score is 1.6–2.3, your current practices are sustainable. Minor changes in practices are needed to improve environmental and economic sustainability.

If your Average Score is 2.4–3.1, your current practices have a low level of sustainability. Effort and planning are needed to improve environmental and economic sustainability.

If your Average Score is 3.2–4.0, your current practices are unsustainable. Substantial effort and planning are needed to improve environmental and economic sustainability.