

WINES ON A MISSION

California's Commitment
to Sustainable & Climate-Smart Winegrowing



capstone

sommelier
sessions



LEADERSHIP



LEADERSHIP



RESTORING BIODIVERSITY
Aaron Lange
LangeTwins Family Winery



FOSSIL-FREE FARMING
Niki Wente
Wente Vineyards



HARVESTING THE WIND
Heidi Scheid
Scheid Family Wines

LEADERSHIP IN SUSTAINABILITY
FUTUREPROOFING PACKAGING
Bogle Family Vineyards



FUTUREPROOFING PACKAGING
Warren, Jody And Ryan Bogle
Bogle Family Vineyards

LEADERSHIP

60%
of California
winegrape acres are
certified sustainable

*Additional vineyards are certified organic, biodynamic, and/or regenerative. And some vineyards are certified to more than one program.

85%
of California
wine is made
in a certified
sustainable winery

**250 certified wineries produce
258 million cases**



SUSTAINABILITY EXPLAINED

Sustainable

Sustainable winegrowing practices provide a healthy environment. Sustainable winegrowing can include biodynamic or organic farming practices. Some examples of sustainable practices include:

- sheep and beneficial birds to control weeds and pests
- cover crops, drip irrigation and process ponds to conserve water
- composting, recycling and reuse to minimize waste
- protecting air and water quality
- preserving local ecosystems and wildlife habitats
- practicing environmentally preferred purchasing

Regenerative (ROC)

Regenerative farming is a system of producing food and biomass that focuses on building functional biodiversity and soil health to produce consistent yields without relying on synthetic inputs (herbicides, pesticides, and chemical fertilizers).

Organic

Wines made with organically grown grapes come from vineyards that follow the guidelines set by the National Organic Program (NOP).

- only approved materials
- wines labelled organic cannot have added sulphites

Biodynamic

Biodynamic farming treats the vineyard as a closed loop

- compost teas and natural preparations to enrich soil and promote microorganisms
- planting and pruning determined by the phases of the moon

KEY AREAS OF SUSTAINABLE WINEGROWING



Water Efficiency



Energy Efficiency



Pest Management



Soil Health



Waste
Management



Wildlife Habitat



Neighbors &
Community



Employees



Contributions



Supply Chain

A COMMON MISSION

Certification: SUSTAINABLE, ORGANIC, BIODYNAMIC, REGENERATIVE

- Annual evaluation of practices
- Third-party audits
- A publicly available standard
- Commitment to and demonstration of continuous improvement



DOING THE RIGHT THING



Green Medal Awards

- 10th year
- 4 categories
 - Leader
 - Environment
 - Community
 - Business



1. Chardonnay Arroyo Seco Monterey 'Arroyo Vista' 2023, J. Lohr (Kwast)

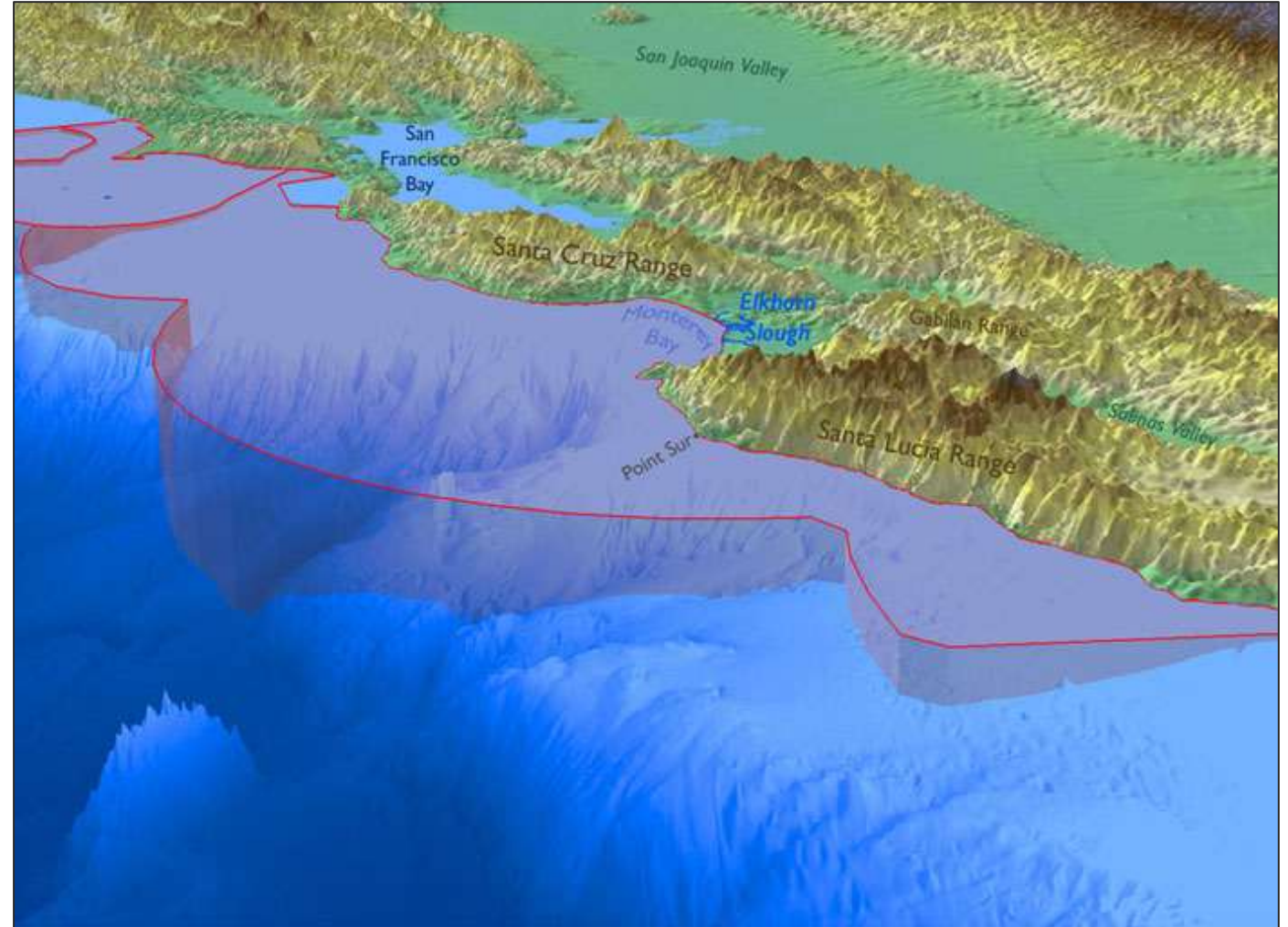


1. Arroyo Seco
2. Carmel Valley
3. Chalone
4. Gabilan Mountains
5. Hames Valley
6. Monterey
7. San Antonio Valley
8. San Bernabe
9. San Lucas
10. Santa Lucia Highlands.



Monterey's blue Grand Canyon

- Unique feature beneficial for Central Coast environment
- 96 km long and 3,2 km deep canyon
- Upwelling of cold, nutrient rich water
- Cools marine air creating fog
- Blankets the Central Coast
- Deep into Salinas Valley.



1. Chardonnay Arroyo Seco Monterey 'Arroyo Vista' 2023, J. Lohr (Kwast)

Sand, gravelly loam with 'Greenfield Potatoes'

Blend of 5 Chardonnay clones (oa Dijon 76)

Cool early morning harvest

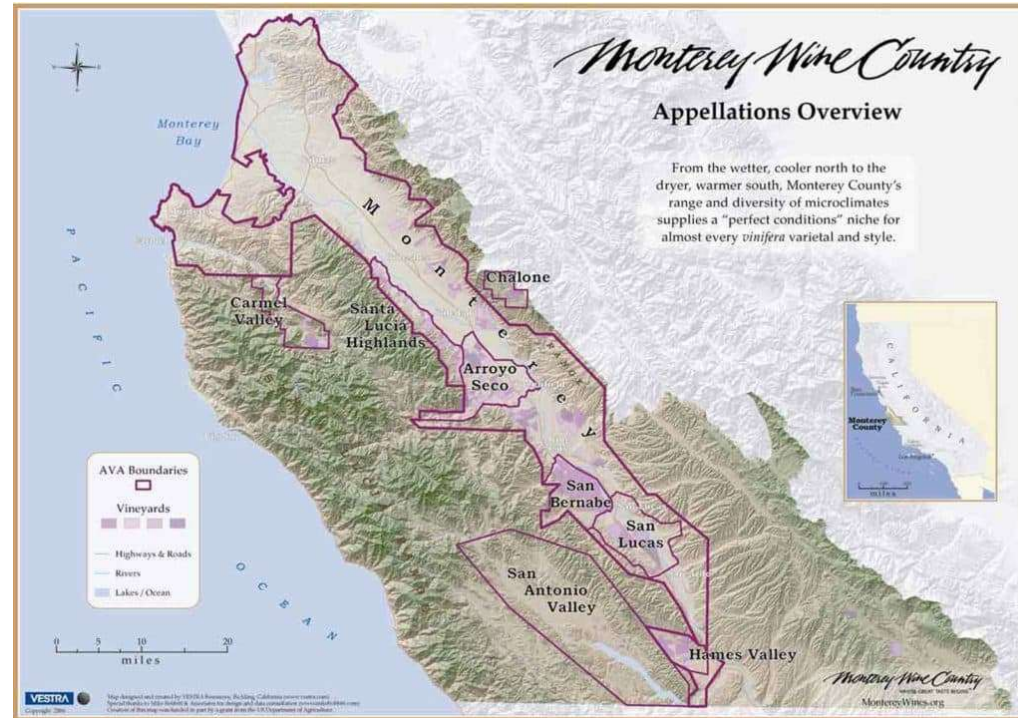
Cultivated yeast (CY3079 + Froot Zen strain)

19 Days barrel ferment + fully MLC

Maturation on lie 10 months (34% New FR oak)

Divers coopers: François Frères, Nadalié, Vicard Gen7

pH 3,54 | 14,5% abv



2. Chardonnay Arroyo Seco Monterey 'Riva Ranch' 2022, Wente (Wijntransport)





FOSSIL-FREE FARMING
Wente Vineyards

**“WE WERE EARLY
ADOPTERS OF THE
ELECTRIC TRACTOR. WE
GEEK OUT ON STUFF
LIKE CLEAN AIR AND
ENERGY EFFICIENCY.”**

— NIKI WENTE
WENTE VINEYARDS



FOSSIL-FREE FARMING

Wente Vineyards

HARVESTING THE INNOVATION OF SILICON VALLEY

Less than 50 km from Silicon Valley,
Wente Vineyards is right next door to the
headquarters of Monarch Tractor.

The Monarch is a 100-percent electric, zero-
emission autonomous tractor, which helps
reduce carbon footprint.

Every diesel tractor replaced by an electric one
reduces carbon emissions by 87%.



2. Chardonnay Arroyo Seco Monterey 'Riva Ranch' 2022, Wente (Wijntransport)

Sand, gravelly loam with 'Greenfield Potatoes'

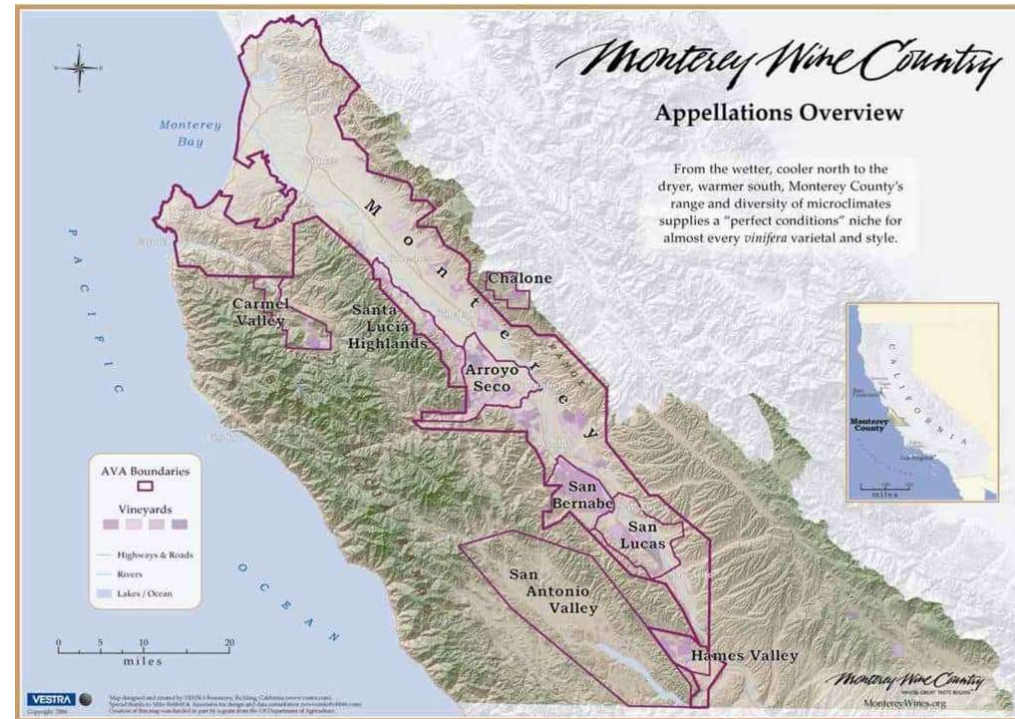
90% barrel fermented (new and second fill Fr + Am oak)

Various Clones (mostly Wente)

Cultivated yeast strain

100% MLC sur lie 6 months in same barrels

pH 3,55 | 13,5% abv





FUTUREPROOFING PACKAGING
Bogle Family Vineyards

**“HALF OF A WINERY’S CARBON
FOOTPRINT COMES FROM GLASS
BOTTLES.
THAT’S ALL WE NEEDED TO HEAR
TO LOOK FOR AN ALTERNATIVE.”**

**—JODY BOGLE
BOGLE FAMILY VINEYARDS**





FUTUREPROOFING PACKAGING

Bogle Family Vineyards



ALUMINUM REDUCES CARBON FOOTPRINT



Aluminum has a high recycle rate due to its high value-to-density ratio.

Aluminum bottles are **80-90% lighter** than glass, reducing the weight of filled bottles by over **4.5 kgs per case**.



3. Chardonnay Carneros Hyde Vineyard 2022, DuMol Winery (Best of Wines)



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Haire clay and loam

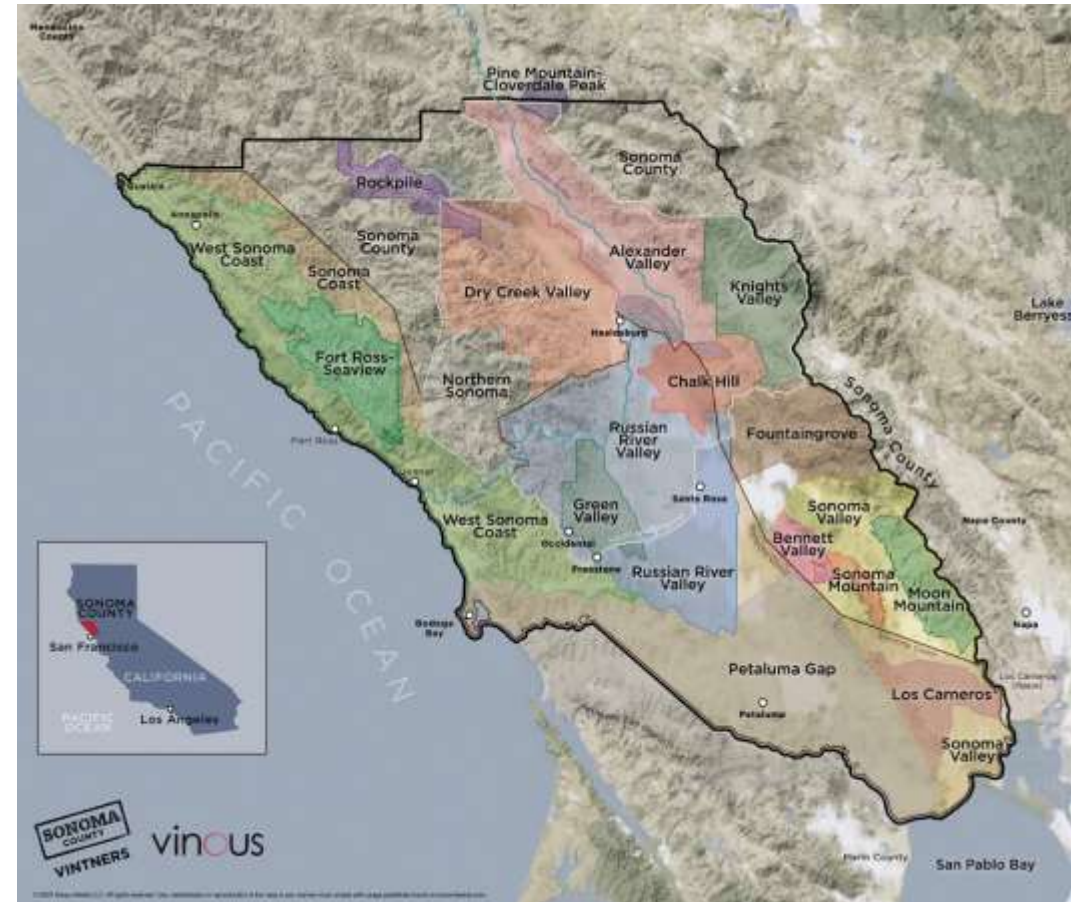
Old Wente clone avearge 35 years

Ageing: 11 months in 25% new Frnech oak
(Atelier Centre France)

Followed by 6 months settling in tank.

5880 bottles

13,7% abv



4. Chardonnay Carneros 2022, Rombauer Vineyards (Gallo/Cordier)



4. Chardonnay Carneros 2022, Rombauer Vineyards (Gallo/Cordier)

Clay loam, aluvial some place rocky

Picking at night in blocks, whole cluser pressed

Oak fermented + fully MLC (total 9 months, Fr and Am oak barrels (30% new)

Lee stirred every fortnight

14,5% abv



5. Chardonnay Russian River Valley 'Les Noisetiers' 2023, Kistler (Residence)



5. Chardonnay Russian River Valley 'Les Noisetiers' 2023, Kistler (Residence)

Coastal vineyards in R.R. Valley

Fermented with ambient yeast in French oak

Full MLC and lee aged on 50% new French oak (François Frères M+)

14 months

14,4% abv





RESTORING BIODIVERSITY

LangeTwins Family Winery



**“WE DON’T INHERIT THE EARTH FROM
OUR ANCESTORS, THE SAYING GOES, WE
BORROW IT FROM OUR CHILDREN.”**

– AARON LANGE
LANGETWINS FAMILY WINERY

Over the past 20 years, the Lange family invested in restoring the natural habitat in their more than 2,800 ha of vineyards in Lodi, the heart of the San Francisco Delta.



RESTORING BIODIVERSITY
LangeTwins Family Winery



ADDITION BY SUBTRACTION

Decades of “edge-to-edge” farming damaged wildlife habitat in the area.

New generations of Lange family farmers made hard but forward-thinking decisions.

By pulling out vines that bordered the river and planting native oaks and grasses, they restored the health of the river and brought back biodiversity.

6. Pinot Noir Anderson Valley 'Sayoy Vineyard' 2020, Littorai (Residence)



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Pinole en Boont loam op Franciscan shale

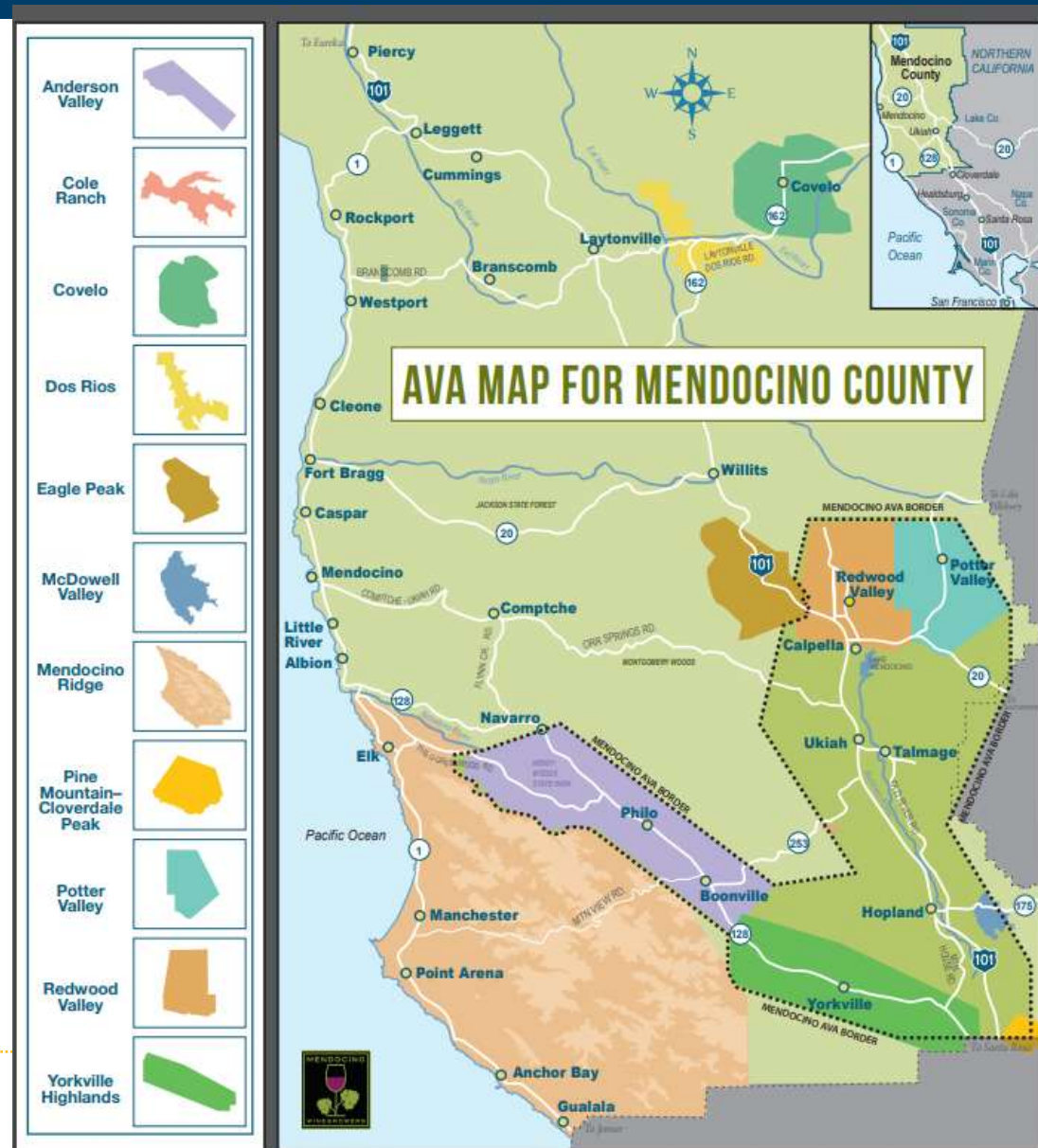
Picking during night ca. 2,53 ton per acre \approx **35,5 hl/ha**.

Cold soak, ambient yeast fermentation partly whole clusters

Minimal intervention (no fining, no filtering)

25% New French oak, 16 months

12,3% abv



7. Pinot Noir Santa Maria Valley Solomon Hills Vineyard 2021 “Suerte” by Paul Lato (Best of Wines)



7. Pinot Noir Santa Maria Valley Solomon Hills Vineyard 2021 “Suerte” by Paul Lato (Best of Wines)

Sandy soil with excellent drainage

Average 21 year old vines

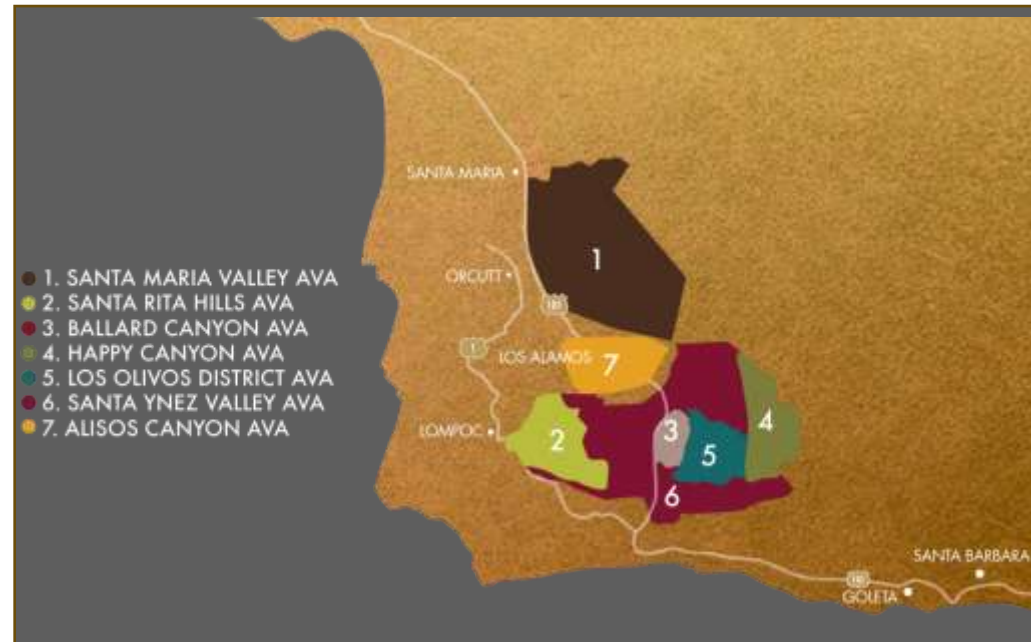
Very low yields

Cold soak, ambient yeast fermentation
partly

Minimal intervention (no fining, no
filtering)

53% New French oak, 17 months

12,3% abv



8. Pinot Noir Sta. Rita Hills Lompoc 2021, Domaine de la Côte (Smaragd Wijnen)



8. Pinot Noir Sta. Rita Hills Lompoc 2021, Domaine de la Côte (Smaragd Wijnen)

100% whole cluster!

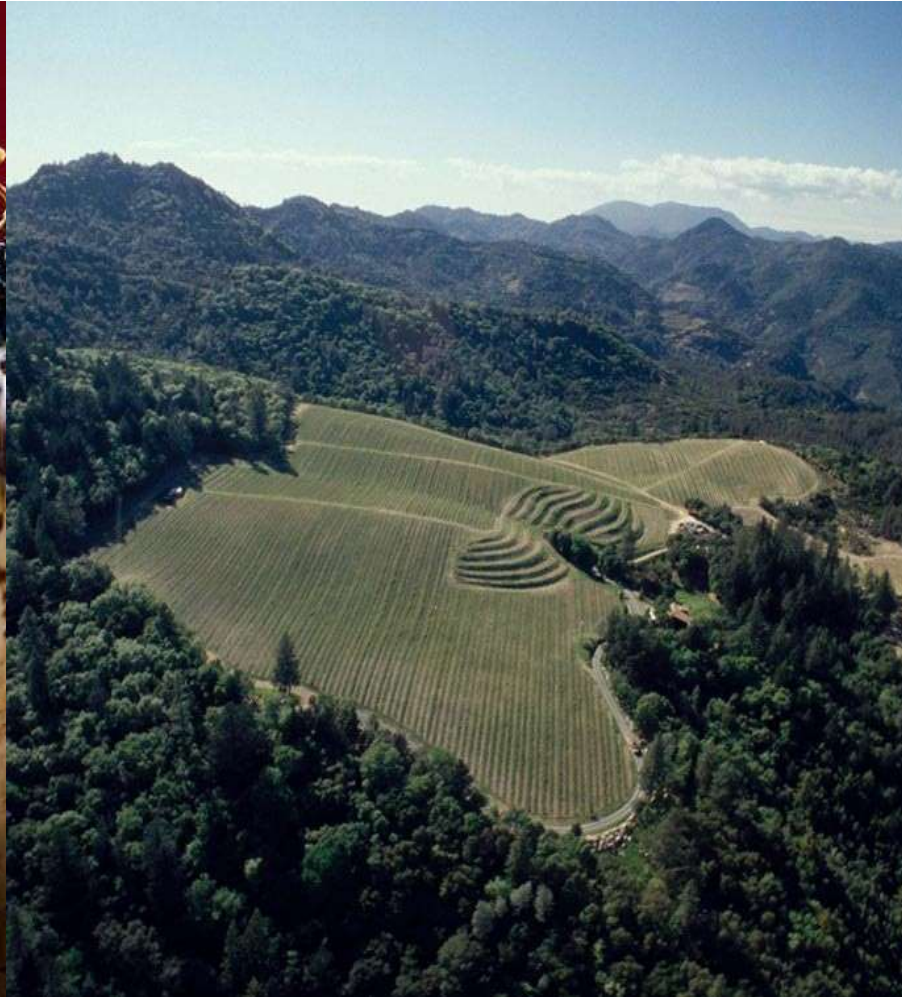
Fermentation in open concrete vats

10 months French oak ageing (30% new)

13,2% abv



9. Merlot Napa Valley 2021, Duckhorn Vineyards (Delta Wines)



9. Merlot Napa Valley 2021, Duckhorn Vineyards (Delta Wines)

76 % Merlot, 22 % Cabernet Sauvignon, 2 %
Cabernet Franc

Selection of single vineyards Oak Knoll,
Carneros, Calistoga, Howell Mountain, Atlas Peak

Picked and fermented separately, blended prior
to ageing

Ageing 15 months of French oak (40% new)

14,5% abv pH 3,65





HARVESTING THE WIND

Scheid Family Wines



Scheid has 17 estate vineyards throughout Monterey county, **leaning into the climatic range** in the region to offer a broad & expressive portfolio.

THE SCHEID WIND TURBINE IS LOCATED AT THE WINERY IN THE SALINAS VALLEY. IT'S THE PERFECT SETTING TO CAPTURE THE WIND BLOWING OFF THE PACIFIC OCEAN THROUGH THE MONTEREY BAY.



CALIFORNIA
WINES



HARVESTING THE WIND

Scheid Family Wines



**IN 6 KNOTS, YOU CAN FLY A KITE.
IN 10, YOU CAN SAIL A BOAT.
IN 11, YOU CAN POWER AN ENTIRE
WINERY.**

The turbine powers 100% of the winery's energy needs, including the pumps that irrigate our 4,000 acres of sustainably farmed vineyards.

100%

The turbine
powers **100%**
of the winery's
energy.

\$50K
per year

The turbine
powers **100%**
of the winery's
energy.



...it also generates
enough excess
energy to power **125**
homes
in the area.

10. Cabernet Sauvignon Hames Valley Monterey 2021, Tassajara (Ton Overmars)



10. Cabernet Sauvignon Hames Valley Monterey 2021, Tassajara (Ton Overmars)

92% CS, 5% PV 3% Petite Sirah

Averag age vines : 18 years

Ageing: 18 months in 20% Frenc and 10%
American Oak, rest inert vats

13,5% abv | pH 3,73



11. Cabernet Sauvignon Napa Valley 2019, Louis M. Martini (Gallo/Cordier)



11. Cabernet Sauvignon Napa Valley 2019, Louis M. Martini (Gallo/Cordier)

Early morning harvest

89% CS, 4% Merlot, 3% Petit Verdot, 3%
Cabernet Franc, 1% Malbec

Small batch parcel specific ferment.

Destemmed, cold soak 3 days

Fermentation 3 pumping-overs a day (15-20
days)

Ageing: 18 months French (40% new)
American (3% new)

14,8% abv | pH 3,68



12. Cabernet Sauvignon Monte Bello Vineyard 2021, Ridge Estate (Génèreux)



13. Zinfandel Sonoma Valley Gnarly Vine Monte Rosso Vineyard 2017 Louis M. Martini (Gallo, Cordier)



13. Zinfandel Sonoma Valley Gnarly Vine Monte Rosso Vineyard 2017 Louis M. Martini (Gallo, Cordier)

Age: from 1 to 131 years

Trellising: 9 different systems over 54 distinct blocks

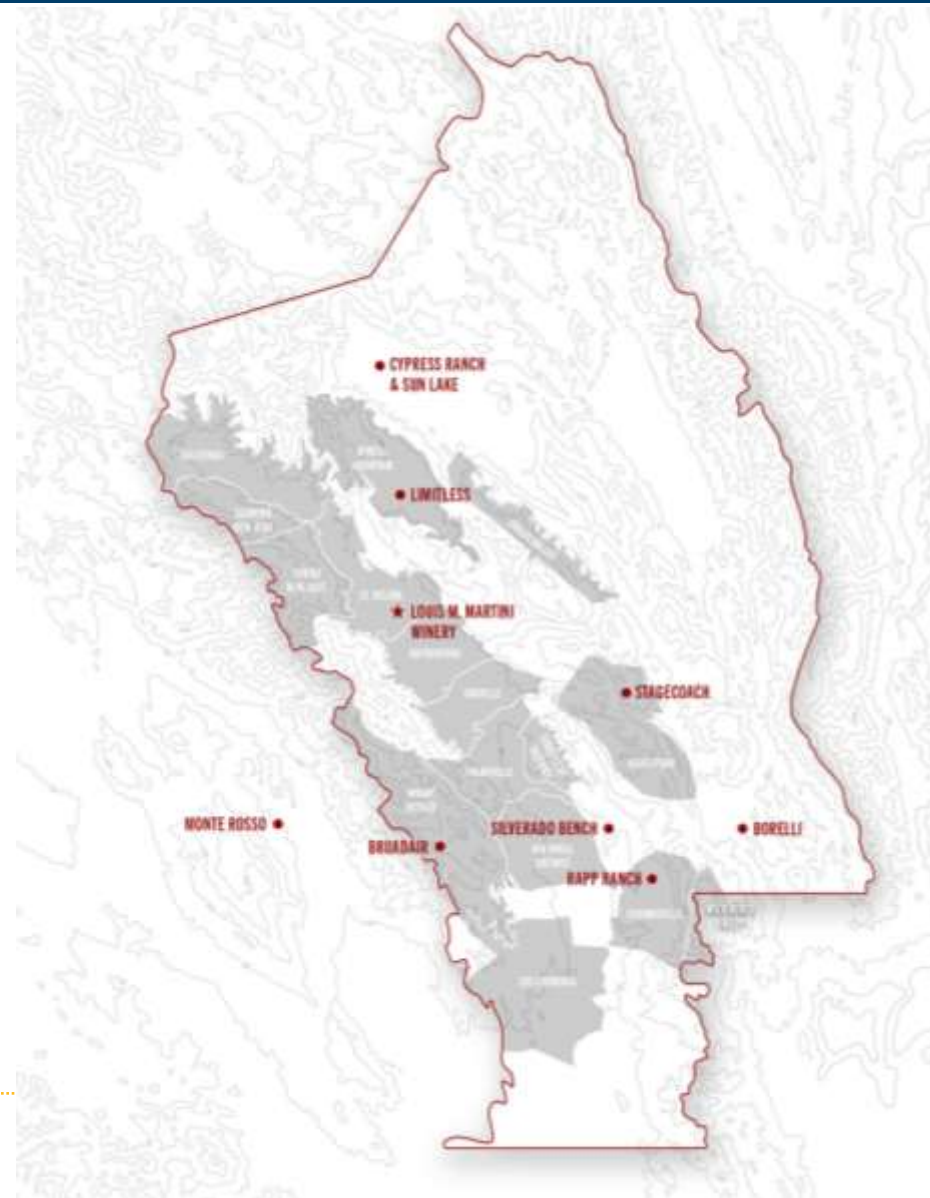
Handharvest 1,5-3 ton/acres = \approx 21- 42 hl/ha

Cold soak for 3 days

Open vat fermenting ambient yeast

Ageing 16 months in French and American oak
(partly new)

15,9% abv | pH 3,65



14. Elysium Black Muscat Madera 2022, Quady Winery (De Monnik)



14. Elysium Black Muscat Madera 2022, Quady Winery (De Monnik)

Elysium 2019 is made from 100% Certified Sustainable Black Muscat

100% Black Muscat (25 Brix/276 gr/L)

Fermented on skins to about 6,5% abv, fortified

Aged 3 months in old French oak barrels (60 gallon / 228 L)

RS: 154 g/L | pH 3,3 | 15% abv



WINES ON A MISSION

Leaving things better than
we found them



capstone

sommelier
sessions