

MAYACAMAS MOUNTAINS

97.02 TOTAL PLANTED ACRES

**RESERVE BLOCKS**

CABERNET SAUVIGNON | 12.10 ACRES

**OTHER BLOCKS**

CABERNET SAUVIGNON | 38.24 ACRES

SAUVIGNON BLANC | 32.10 ACRES

SEMILLON | 11.29 ACRES

MERLOT | 2.06 ACRES

CABERNET FRANC | 0.92 ACRES

PETIT VERDOT | 0.31 ACRES

SUSTAINABLY FARMED

*Fish Friendly Farming certified since 2014.*



	RESERVE CABERNET SAUVIGNON	OAKVILLE CABERNET SAUVIGNON	SAUVIGNON BLANC	SEMILLON	MERLOT	CABERNET FRANC	PETIT VERDOT
PLANTED	1999, 2001	2001, 2003, 2019, 2022, 2023	1999 (54%), 2012 (28%), 2020 (18%)	2011 (51%), 2022 (49%)	2022	2022	2019
SPACING	5 x 10	5 x 10, 6 x 8	5 x 10, 5 x 9	6 x 8	6 x 8	6 x 8	6 x 8
TRAINING	Quadrilateral Cordon	Quadrilateral & Bilateral Cordon	Quadrilateral Cordon & Cane	Bilateral Cordon	Bilateral Cordon	Bilateral Cordon	Bilateral Cordon
CLONE	7, 15, 337	7, 337, 412	1	5, 6, 12.1	18.1	1.1	2.1
ROOTSTOCK	SO4, 039-16	039-16	44-53, 1616C	44-53, 039-16.1	039-16.1	039-16.1	039-16
SOIL	Gravelly Sandy Loam	Gravelly Sandy Loam, Clear Lake Clay	Clear Lake Clay	Clear Lake Clay	Gravelly Sandy Loam	Gravelly Sandy Loam	Clear Lake Clay, overwash
TOTAL VINES	10,542	33,736	28,506	10,238	1,870	832	278



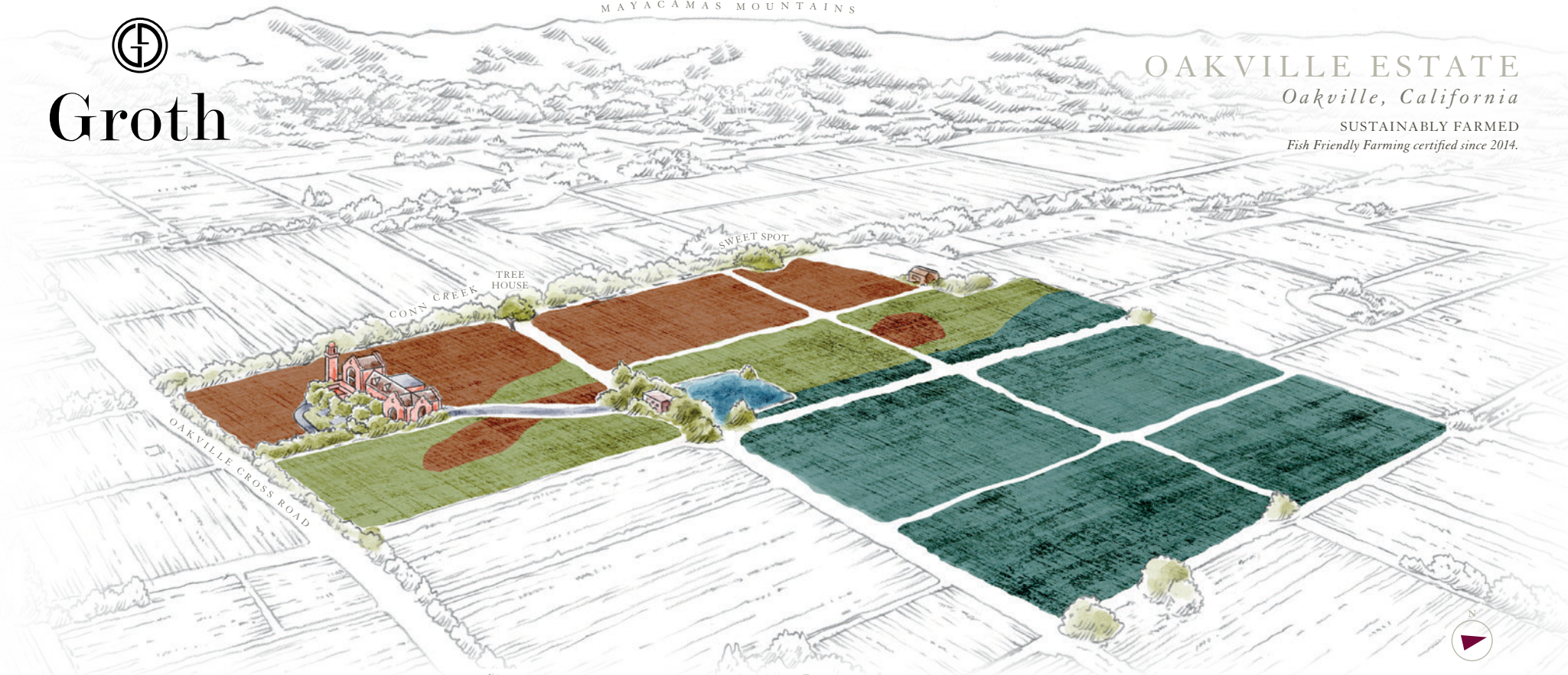
Groth

OAKVILLE ESTATE

Oakville, California

SUSTAINABLY FARMED

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CLEAR LAKE CLAY



CLEAR LAKE CLAY OVERWASH



GRAVELLY SANDY LOAM RESERVE VINEYARD



DESCRIPTION

Very deep, poorly drained soils; slow permeability; high water-holding capacity. Dark, almost black clay that swells with water and floods in areas in the winter, then shrinks and cracks in the summer.

Medium to poorly drained; high water-holding capacity. First 1.5 feet of soil is overwash, a mix of gravel, clay and sand; clay dominates as the soil gets deeper.

Abundance of gravel/chert; high drainage/permeability; low water-holding capacity.

*The Groth Reserve Cabernet Sauvignon vineyard blocks are an anomaly within the greater 165 acres that comprise the Groth Vineyards estate, and indeed within the Oakville AVA itself. It is the proximity to Conn Creek and the soil that sets this narrow band of vineyard apart. While generally described as gravelly, sandy loam, they also feature an abundance of red chert, a hard sedimentary rock made up of small quartz crystals and fossils. These rocks were deposited in this thin sliver of land by an alluvial fan flowing out of the Vaca Range to the east millions of years ago. Found in disproportionate amounts in this part of Oakville, they represent the heart and soul of the “sweet spot” we call our Reserve Cabernet Vineyard.*

COMPOSITION

20% sand  
34% silt  
46% clay

39% sand  
32% silt  
29% clay

60% sand  
30% silt  
10% clay

IMPACT ON VINES  
(Compared to other Groth blocks)

Vigorous vines  
Larger canopies  
Later ripening for red varieties

Moderate vigor

Smaller canopy  
Earlier ripening  
Smaller berries  
More concentrated flavors