

# PEARLESSENCE VINEYARDS

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**OBJECTIVE:** *To grow high quality, low yield Pinot Noir grapes for the production of wines that speak to this site.*

Appellation: Sonoma Coast

Varieties Pinot Noir ( 1.8 acres ). Planted in 1992, first commercial vintage in 1995.

Rootstocks 5C ( Medium Vigor, Phylloxera resistant, Low Drought Tolerance )  
SO4 ( Medium Vigor, Phylloxera resistant, Low Drought Tolerance )

Clones Martini 13 and 15 (FPMS 13 and 15 Respectively)  
Replants of Pommard and Wadenswil

Soils Alluvial fans of Goldridge Loam over fractured sandstone. Minor variability of soil depths and drainage. Topography is slightly sloping (3% to 5%) with a Westerly exposure.

Climate Region I . Some threat of frost (no frost protection installed). Warm summer days with cool overnight temperatures and morning fog ( 10:00 to 11:00 am burn off). Consistent afternoon breezes from the West / Southwest. Annual Rainfall averages 36".

Average TPA 2.4

Average lbs./vine 5.16

Average Brix @ Harvest 24.2 (some raisining will elevate tank levels).

Harvest Late September in an average year.

## Viticultural Detail:

- Vertically Shoot Positioned
- 6' x 8' Spacing
- 30% oriented North/South, 70% East/West
- Cane pruned to two shoots and two renewal spurs (20 to 26 buds)
- Bud break mid-March; bloom from late May to mid-June
- Shoot positioned and hedged when necessary
- Mildew control consists of a rotation of sulfur, sterol inhibitors, and strobilurins when mildew pressure persists (average 14 to 21 day cycle). No sulfur applied after mid July
- Drip irrigation (minimal since 2002)
- Fertigation system for macronutrients
- Foliar application for micronutrients
- Netted to prevent bird loss
- Mueller Winery has crafted excellent Pinot Noir from this fruit since 1995, [www.muellerwine.com](http://www.muellerwine.com)