



SUSTAINABILITY

Sustainability drives every decision we make to ensure this winery and estate are here for generations of guests, neighbors and the Miller family to enjoy.

Sustainable Winemaking: A 380,000KwH photovoltaic array produces 35% of the winery's energy needs. Efficiencies in lighting, cellar cooling, building controls, and water treatment have reduced our electricity demand by 350,000KwH hours annually, reducing our carbon footprint by 40%.

Sustainable Farming: Silverado Vineyards farms 350 acres on six Napa Valley vineyards in the Los Carneros, Yountville, Coombsville and Stags Leap District appellations. 100% of the estate is certified Napa Green. Napa Green is the only certification that monitors best practices in the vineyard and the surrounding habitat. We are monitored and audited by a third party administrator, Fish Friendly Farming. We were among the first twelve estates in the Napa Valley to earn this certification.

Habitat & Biodiversity: The 350 acres we farm represent 60% of our total estate. The remaining 290 acres are in their original state of oak woodland, coniferous forest and California chaparral. Of this, 70% is preserved in land trust easements exclusively for open space and agricultural use in perpetuity.

One important element of our sustainable farming is insuring that the estate is welcoming to a number of birds, who act as part of our ecosystem in managing insect populations. In addition to protecting their natural habitat, we have a total of 22 owl boxes and 75 bluebird boxes. Other birds present on the estate include herons, mallards, buffleheads, kingfish, widgeons, egrets, Canadian geese, coots and wild turkeys.

The estate is home to a wide array of other wildlife, including bobcats, mountain lions, foxes, otters, turtles, beavers and deer.

Water Use & Fish Friendly Farming: In 2013 Silverado Vineyards participated in the First Beta Group for a system to quantify the water available to our vines by measuring the water they release as vapor. Measuring the breath of our vines allows us to realize our long held goal of precision irrigation. The result has been an improvement in grape quality as we reduce our water use.

Silverado Vineyards is a founding member of the Oakville to Oak Knoll River Restoration project. Working closely with the Napa River Flood Project and our northern neighbor's Rutherford Reach Restoration project, we are returning keystone species such as the North American beaver to the Napa River. The result of these longstanding community efforts is a healthy diversity of over 31 species of fish, including increasing runs of steelhead and Chinook salmon.

Our sustainable practices have resulted in the following recognition:

- US Congressional Recognition for Excellence in Water Quality Improvement
- California State Legislator Recognition for Dedication to Environmental Stewardship
- California Sport Fishing Protection Alliance for Excellence in Water Quantity Improvement and Protection

Farming Philosophy: Our Director of Vineyard Management, Towle Merritt, resides with his family on the Home Ranch. He explains: "It's personal. We work in these rows, the Miller family lives in these vineyards. So we are always going to take an approach that is intensely passive. That sounds like a paradox, but we are going to take the best of any idea – organic, sustainable, whatever the label – in order to make sure that Mother Nature is a big part of the solution to the challenge of growing great grapes."

More information: napagreen.org, LandTrust.org, tuletechnologies.com.