



### *Sustainable and Environmentally Conscious Practices*

For more than 50 years, the Chappellets have been dedicated stewards of their land, working to honor the integrity of Napa Valley's Pritchard Hill. In practice, this stewardship has manifested itself as a committed focus on sustainable, organic and green practices, both in the vineyard and the winery. The following offers a select overview of key initiatives:

- The Chappellets have long been advocates of more environmentally conscious farming methods. Beginning in the early 1980s (long before the term sustainable was ever used), Chappellet was one of the first wineries to plant cover crops as a method for soil conservation and erosion prevention.
- 100% of the grapes grown on the estate vineyard come from blocks that are farmed using organic methods. In 2012, the entire vineyard, totaling 104 acres, finished an extensive three-year certification process with the California Certified Organic Farmers (CCOF) and is now certified organic.
- The Chappellets have remained committed to maintaining the natural beauty of Pritchard Hill. Only a modest 16% of the 640-acre property is under vine; the rest remains uncultivated.
- Chappellet has an extensive on-site composting program. Each year the winery turns over 100 tons of pomace (grape stems/skins/seeds) into high-quality compost, which is used to enhance vineyard health and vitality.
- Chappellet is committed to water conservation. In 2011, it installed a state-of-the-art water processing system to purify all water used during wine production. This system uses natural biological organisms to separate organic matter from the process water. The system allows Chappellet to return almost 100% of the process water (approx. 1 million gallons a year) to the vineyard for irrigation. Other than this, only run-off rainwater captured and saved in the winery's reservoir is used for irrigation.
- Chappellet's environmental commitment also extends to the winery. In 2008, Chappellet unveiled an ambitious solar project. Comprised of 960 individual solar modules capable of producing approximately 280,000 kilowatt hours per year, this 20,000-square-foot solar photovoltaic system generates enough energy to offset 100% of the winery's PG&E bill. Over a 30-year period it will have the amazing environmental benefit of reducing greenhouse gases by 4,513,275 lbs. In practical terms, this is the equivalent to planting over 40,000 trees.
- Using Chappellet's Greenhouse Gas Emissions (GHGE) calculator, all of Chappellet's departments track their greenhouse gas emissions. With these metrics, Chappellet's company goal is to achieve "net zero" by 2050. "Net-zero emissions" refers to achieving an overall balance between greenhouse gas emissions produced and greenhouse gas emissions taken out of the atmosphere.
- There are numerous bird boxes in the vineyard that provide homes to barn owls, kestrels, sparrow hawks and bluebirds. These welcome residents help to naturally keep gopher, mole, vole and insect populations in check.