Chateau Ste Michelle®

estate vineyards

	Cold Creek Vineyard	Canoe Ridge Estate	Horse Heaven Vineyard
SINGLE VINEYARD WINES	Chardonnay, Riesling, Cabernet Sauvignon, Merlot and Syrah	Chardonnay, Cabernet Sauvignon, Merlot and Syrah	Sauvignon Blanc and Chenin Blanc

vineyard characteristics

	Cold Creek Vineyard	Canoe Ridge Estate	Horse Heaven Vineyard
LOCATION	38 miles east of Yakima; south of the Columbia River and the Wahluke Slope	10 miles west of Paterson	Paterson
AVA	Columbia Valley	Horse Heaven Hills	Horse Heaven Hills
FIRST PLANTED	Early 1970's	1991	Early 1980's
ACRES BY VARIETY	Cabernet Franc 18, Chardonnay 91, Cabernet Sauvignon 268, Grenache 7 Muscat Canelli 37, Merlot 74, Sauvignon Blanc 16, Syrah 10, White Riesling 162	Cabernet Franc 8, Chardonnay 154, Cabernet Sauvignon 104, Malbec 14, Merlot 206, Sangiovese 11, Syrah 20	Sauvignon Blanc 210, Chenin Blanc 97
TOTAL PLANTED ACRES	689	531	500
SOIL	Loamy sand and gravel "caliche" vein; low fertility	Deep sandy loam with cobble, low to moderate fertility	Ranges from shallow to very deep, silt loams and sand; moderate fertility
ELEVATION	600 - 1,000 feet	400 - 950 feet	600 feet
ORIENTATION	Gentle south facing slope (3% - 5%) away from the river	Steep slope (4% - 10%) facing south to the river	Two distinct east-west ridges, with gentle south facing slopes (1% - 4%)
HEAT	Warm to very warm with no cooling effect from the river	Warm site, strong wind patterns, temperature moderation from river; added solar efficiency	Moderate heat accumulation, summer and winter temperature moderation by river
VIGOR	Low; small berries, thick skins	Moderate; lack of severe winter temperatures, strong winds reduce canopy size and density	Moderate; helps delay harvest even later
GROWING SEASON	Moderate bud break, relatively early harvest	Early bud break, early harvest; slope contributes to early warming and ripening	Early bud break, late harvest; long hang time for clusters and uniform ripening
WINE CHARACTER	Power and concentration	Elegance and restraint	Crisp and graceful
	White: Chardonnay is deep yellow/gold; full bodied, viscous, ripe; pear, apple, hazelnut	White: Chardonnay is silver yellow; medium body, long finish; crisp apple, floral, citrus	White: Sauvignon Blanc is crisp and fresh, low grassiness; lime, melon, pear
	Red: Deep red black, full bodied, dense; higher tannin, concentrated; black cherry, long ageability	Red: Deep garnet; medium-full bodied, medium dusty tannins; bright cherry, mocha, spice	Chenin Blanc is floral and crisp; melon, sweet citris

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