



THE YAPAPAI COLLEGE'S VINEYARD IS HOME TO 12 VARIETALS AND A TOTAL OF 12,157 VINES

Year Planted	Varietal	Rootstock	Acres	Vines	Misses	Average Tons	Average #/vine	2016 Harvest (tons)	2017 Harvest (tons)	2018 Harvest (tons)	2019 Harvest (tons)
2012	Tempranillo	1103P	0.9	739	15	2.36	4.64	0.78	2.02	3.65	3.05
	Sangiovese	1103P	1	838	25	1.82	2.98	0.37	1.97	2.42	2.51
	Viognier	110R	1.1	1076	25	1.89	2.32	0.34	1.48	3.05	2.67
2013	Cabernet Sauvignon	110R	1.1	1077	23	1.26	0.87	0.00	0.06	1.34	1.23
	Malvasia Bianca	1103P	1.75	1495	37	1.71	1.73	0.15	0.79	2.94	2.95
2014	Barbera	1103P and 110R	1	893	82	1.32	3.30	–	–	1.47	1.17
	Refosco	1103P	1.1	1054	17	1.91	2.63	–	0.16	2.61	2.95
	Aglianico	1103P	1	956	43	0.95	1.77	–	0.18	1.52	1.16
2015	Grenache	1103P	1	963	9	2.30	3.83	–	0.25	3.43	3.22
	Carginan	1103P	1	910	62	1.32	2.56	0.20	–	2.13	2.95
2016	Tannat	1103P	1	904	14	0.81	0.53	–	–	0.24	1.38
2017	Piquepoul Blanc	1103P	1	947	3	0.60	–	–	–	–	0.60
Total			12.95	11,852	355			1.83	6.91	24.79	25.83

ROOTSTOCKS:

110R (Richter) – Vitis Parentage, *berlandieri* and *rupestris*; Phylloxera Resistance – *high*; Nematode Resistance – *low-medium*; Drought Tolerance – *high*; Wet Soil Tolerance – *low-medium*; Salinity Tolerance – *medium*; Lime Tolerance – *medium*; Influence on Scion: Vigor – *medium*; Mineral Nutrition – N: *medium*, P: *high*, K: *low-medium*, Mg, Zn: *medium*; Soil Adaptation – *hillside soils and acid soils*; Ease of Propagation – *low-medium*; Other Characteristics – *develops slowly in wet soils*

1103P (Paulsen) – Vitis Parentage, *berlandieri* and *rupestris*; Phylloxera Resistance – *high*; Nematode Resistance – *low-medium*; Drought Tolerance – *medium-high*; Wet Soil Tolerance – *medium-high*; Salinity Tolerance – *medium*; Lime Tolerance – *medium*; Influence on Scion: Vigor – *medium-high*; Mineral Nutrition – N: *medium-high*, P, Mg: *high*, K, Zn: *low-medium*; Soil Adaptation – *adapted to drought and saline soils*; Ease of Propagation – *medium*; Other Characteristics – *does poorly in non-irrigated, low K soils*