

Marlborough Focus Vineyard Project

Summary: Tyntesfield Vineyard

Vine Yield:	12.18 t/ha
Brix	20.93
TA	10.19
pH	3.01

Petiole Test:

Phosphorus high

Magnesium marginally low

Iron low

Other nutrients generally 'normal'.

Soil Test	Top profile	Sub-profile	Normal Range
pH	6.2	5.7	5.8-6.8
Phosphorus	15	23	15-40
Potassium	0.38	0.21	0.4-0.8
Calcium	9.0	3.9	6.0-12
Magnesium	1.18	1.7	1.0-3.0
Sodium	0.17	0.22	0.0-0.4

CEC	16	11	12-25
Organic Matter	4.7	2.2	7-15

Juice Test:	Average	Suggested target
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Nitrogen	540	400-520
Ammonium	35	50+
Phosphorus	160	120-150
Potassium	810	900-1300
N/K Ratio	0.7	0.4-0.5

Summary: Tohu Vineyard

	5C	101-14
Vine Yield:	7.15	incl. t/ha (young vines)
Brix	19.80	19.70
TA	10.36	11.10
pH	3.07	2.99

Petiole Test:

Nitrogen adequate

Potassium marginally low

Zn, Cu, Bo all slightly low.

Soil Test	Top profile	Sub-profile	Normal Range
pH	6.4	6.2	5.8-6.8
Phosphorus	11	10	15-40
Potassium	0.44	0.2	0.4-0.8
Calcium	10.8	4.8	6.0-12
Magnesium	1.0	1.9	1.0-3.0
Sodium	low	low	7-15
CEC	16	10	12-25
Organic Matter	6.6	1.8	7-15

Juice Test:

	Average	Suggested target
Nitrogen	815	400-520
Ammonium	62	50+
Phosphorus	104	120-150
Potassium	575	900-1300
N/K Ratio	1.4	0.4-0.5
Soil Test	Top profile	Sub-profile Normal Range

Summary: Stembridge

Vine Yield	10.25 t/ha
Brix	21.30
TA	11.66
pH	2.93

Soil Test	Top profile	Sub-profile	Normal
pH	5.9	6.2	5.8-6.8
Phosphorus	34	9	15-40
Potassium	0.45-	0.25	0.4-0.8
Calcium	5.0	3.2	6.0-12
Magnesium	1.2	1.1	1.0-3.0
Sodium	0.08	0.06	0.0-0.4
CEC	10.5	6.0	12-25

Low Vigour area tested:

pH	5.6
Phosphorus	61
Potassium	0.64

Juice Test:	Average	Suggested target
Nitrogen	390	400-520
Ammonium	38	50+
Phosphorus	143	120-150
Potassium	880	900-1300
N/K Ratio	0.45	0.4-0.5