



P&D Monitoring Report Tunnel Hill 2022-23

Block 3 Sangiovese

Vine Growth / Canopy & Crop

EL Stage

14

Tip Growth

Strong

Canopy Height x Width (av. - cm)

40 x 20 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even, some gaps (image 7), some Eutypa (image 4)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3).

Fruit / Inflorescence Density, Overcropping, Bunch Size & Condition

Medium size, light to medium density- some gaps (image 7)

Frost or Cold Damage

No

Notes

Some wind damage (image 5).

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (oil spots or active infection)

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

No

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults, eggs, crawlers)

Not sighted

Snails

Not sighted

Mites

Not sighted

Weevils

Not sighted

Eutypa

Some Eutypa (image 4)

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficials

Not sighted

Notes

Leaf collected to test for Downy Mildew

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks, Recent Irrigation / Precipitation

Good

Irrigation System (Leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Fairly clean some weeds returning (image 3), some blackberry (image 6).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

80 cm

Broken Posts (intermediate, strainers)

N/a

Broken Wires

N/a

Photos



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Blocks 2 & 4a Cabernet Sauvignon

Vine Growth / Canopy & Crop

EL Stage

12

Tip Growth

Moderate vigour

Canopy Height x Width (av. - cm)

35 x 25 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1), / some dense crowns (image 6).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (image 3)

Fruit / Inflorescence Density, Overcropping, Bunch Size & Condition

Medium size (image 2), light to medium density - some gaps (image 4).

Frost or Cold Damage

No

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (oil spots or active infection)

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

No

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults, eggs, crawlers)

Not sighted

Snails

Not sighted

Mites

Not sighted

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficials

Not sighted

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks, Recent Irrigation / Precipitation

Good

Irrigation System (Leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Some weeds returning (image 3), some blackberry (image 5).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate, strainers)

N/a

Broken Wires

N/a



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Block 4b Shiraz

Vine Growth / Canopy & Crop

EL Stage

13

Tip Growth

Moderate vigour

Canopy Height x Width (av. - cm)

35 x 15 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some uneven shoot growth (image 1), some blind budding (image 4), some dense crowns (image 5)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Fruit / Inflorescence Density, Overcropping, Bunch Size & Condition

Medium size, light to medium density- some blind budding (image 4)

Frost or Cold Damage

No

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (oil spots or active infection)

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

No

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults, eggs, crawlers)

Not sighted

Snails

Not sighted

Mites

Not sighted

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficials

Not sighted

Notes

Some kangaroo damage (image 6)

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks, Recent Irrigation / Precipitation

Good

Irrigation System (Leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Some weeds returning (image 3), some blackberry (image 7).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate, strainers)

N/a

Broken Wires

N/a

Watershoot Growth

Some watershoots (image 3)



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Block 5a Sauvignon Blanc

Vine Growth / Canopy & Crop

EL Stage

12

Tip Growth

Low to moderate vigour (image 1) dense canopy.

Canopy Height x Width (av. - cm)

20 x 10 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Dense canopy (image 1), some very dense crowns (image 4)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (image 3)

Fruit / Inflorescence Density, Overcropping, Bunch Size & Condition

Small size (image 2), medium to high density.

Frost or Cold Damage

No

Notes

Patches of low vigour swamp area ('wet feet' ? image 5)

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (oil spots or active infection)

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

Not sighted

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults, eggs, crawlers)

Not sighted

Snails

Not sighted

Mites

Not sighted

Weevils

Not sighted

Eutypa

Not obvious

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficials

Not sighted

Notes

Leaf collected to test for Downy Mildew.

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks, Recent Irrigation / Precipitation

Good

Irrigation System (Leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Fairly clean (image 3)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Slashed

Broken Posts (intermediate, strainers)

N/a

Broken Wires

N/a



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P&D Monitoring Report Tunnel Hill 2022-23

Block 5b & 5c Shiraz

Vine Growth / Canopy & Crop

EL Stage

14

Tip Growth

Generally good vigour

Canopy Height x Width (av. - cm)

40 x 20 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1), some dense crowns (image 4)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (image 3)

Fruit / Inflorescence Density, Overcropping, Bunch Size & Condition

Small to medium size, low to medium density- some gaps developing vines.

Frost or Cold Damage

No

Notes

Some low vigour swamp area 'wet feet' (image 6)

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (oil spots or active infection)

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

No

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults, eggs, crawlers)

Not sighted

Snails

Not sighted

Mites

Not sighted

Weevils

Not sighted

Eutypa

No

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficials

Not sighted

Notes

Some kangaroo damage (image 5)

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks, Recent Irrigation / Precipitation

Good

Irrigation System (Leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Fairly clean (image 3)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Slashed

Broken Posts (intermediate, strainers)

N/a

Broken Wires

N/a



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P&D Monitoring Report Tunnel Hill 2022-23

Blocks 7, 8 & 9 Pinot Noir

Vine Growth / Canopy & Crop

EL Stage

14

Tip Growth

Strong

Canopy Height x Width (av. - cm)

40 x 20 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Fairly even, some dense crowns (image 8)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some heavy watershoot growth (image 3)

Fruit / Inflorescence Density, Overcropping, Bunch Size & Condition

Medium size (image 2), medium density.

Frost or Cold Damage

No

Notes

Some kangaroo damage to shoots (image 4)

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (oil spots or active infection)

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

No

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults, eggs, crawlers)

Not sighted, some traces.

Snails

Some snails in the canopy (image 6)-not many (dead snails image 7).

Mites

Not sighted

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficials

Not sighted

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks, Recent Irrigation / Precipitation

Good

Irrigation System (Leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Fairly clean, some weeds returning (image 3), some blackberry (image 5).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Slashed

Broken Posts (intermediate, strainers)

N/a

Broken Wires

N/a



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Summary

Date

09/11/2022

Monitored By

Alex Mills

Vineyard Summary

Generally good even shoot growth with medium size inflorescence. With persistent wet conditions there have been Downy Mildew alerts and some leaves have been collected for testing. There are some snails in the Pinot block but baiting has been effective- a lot dead, not many in the canopy and on trunks.

Signature

A handwritten signature in black ink, appearing to read 'Alex Mills', written in a cursive style.

GPS Location



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Vineyard Map



P&D Monitoring Report Tunnel Hill 2022-23

Tunnel Hill Vineyard



VITICULTURE MANAGEMENT

