



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block A Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

14

Tip Growth

Low vigour (image 1)

Canopy height x width (av. - cm)

30 x 20 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense canopy (image 1) and crowns (image 5)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Small to medium size (image 2), medium to high density- some gaps (image 6).

Frost or Cold Damage

No

Notes

Some kangaroo (or sheep?) damage (image 6)

Photos

Pest, Disease & Nutrition

Powdery Mildew

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

Some blister mite (image 4)

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

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).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

30 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



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Block B Chardonnay

Vine Growth, Canopy & Crop

EL Stage

14

Tip Growth

Low to moderate vigour (image 1)

Canopy height x width (av. - cm)

30 x 15 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1), some dense crowns would benefit from thinning (image 5).

Leaf Colour

Good

Leaf Loss (shading or stress)

No. Some wind damage (image 4).

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Small to medium size (image 2), medium density-some blind budding (image 7).

Frost or Cold Damage

No

Notes

Photos

Pest, Disease & Nutrition

Powdery Mildew

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

Not sighted

Mites

Some blister mite (image 6)

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

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)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

30 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



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Block C Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

14

Tip Growth

Low to moderate vigour (image 1)

Canopy height x width (av. - cm)

40 x 30 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth, some apical dominance (image 5), some dense crowns (image 4).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 2), medium density- some apical dominance (image 5).

Frost or Cold Damage

No

Notes

Photos

Pest, Disease & Nutrition

Powdery Mildew

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

Beneficial's

Not sighted

Notes

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)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

40 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



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P&D Monitoring Report Hanna Ridge Vineyard 2022-23

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Block D Viognier

Vine Growth, Canopy & Crop

EL Stage

13

Tip Growth

Low vigour (image 1)

Canopy height x width (av. - cm)

30 x 20 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth, some Eutypa affected patches (image 5), some dense crowns (image 6).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Small size (image 2), medium density.

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

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

Quite a lot of blister mite (image 7)

Weevils

Not sighted

Eutypa

Some Eutypa (image 5) but generally not showing up on the canes.

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

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 (some marshmallow image 3, some blackberry image 4).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

30 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



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Block E Chardonnay

Vine Growth, Canopy & Crop

EL Stage

14

Tip Growth

Low to moderate vigour (image 1)

Canopy height x width (av. - cm)

40 x 25 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth, some gaps (image 5), some dense crowns (image 6).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Low to medium size (image 1), low to medium density- some gaps (image 5).

Frost or Cold Damage

No

Notes

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (old infection)

0

Botrytis (leaf or bunch)

No

LBAM (webbing / moths / eggs / caterpillars)

Not sighted

Scale (adults / eggs / crawlers)

Some dead Scale (image 7)

Snails

Not sighted

Mites

Some blister mite (image 8)

Weevils

Not sighted

Eutypa

Generally not showing up on the canes, some on trunks (image 4)

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

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)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

30 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



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Block F Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

13

Tip Growth

Low vigour

Canopy height x width (av. - cm)

25 x 15 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1), some dense crowns (image 5)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

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

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

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

Some blister mite (image 4)

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

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 heavy patches (image 3)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

40 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



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P&D Monitoring Report Hanna Ridge Vineyard 2022-23

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Block H Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

13

Tip Growth

Low vigour

Canopy height x width (av. - cm)

35 x 25 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense canopy (image 1) and crowns (image 5).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Small size, medium to high density.

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

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 patches (image 4)

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

A 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)

30 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



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Summary

Date

16/11/2022

Monitored By

Alex Mills

Vineyard Summary

With cool, wet and overcast conditions over the last few weeks weeks vigour has been moderate with generally a medium density of small to medium size inflorescence. There have been Downy Mildew alerts and a leaf has been collected for testing from block H. There is some Blister mite in most blocks. Some dense crowns in all blocks would benefit from thinning.

Signature

A handwritten signature in black ink, appearing to read 'Alex Mills', is written over a light blue horizontal line.

GPS Location



VITICULTURE

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Vineyard Map