



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block A Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

22

Tip Growth

Moderate vigour (image 1)-
picking up with some warmer
weather.

Canopy height x width (av. - cm)

60 x 40 cm

Canopy Lifting

Wires are down

**Canopy & Crown Density (thinning
requirements)**

Some dense crowns (image 4)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Sprayed- mostly dying (image 3)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size (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 5)

Weevils

Not sighted

Eutypa

Not showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

Some leaves 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)

Sprayed- dying (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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Block B Chardonnay

Vine Growth, Canopy & Crop

EL Stage

23

Tip Growth

Good vigour (image 1)

Canopy height x width (av. - cm)

70 x 40 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense crowns (image 5)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Flagged for rejuvenation (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 2), medium density.

Frost or Cold Damage

No

Notes

Some wind damage, broken shoots (image 4)- not a lot.

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

Generally not showing up on the canes, some patches of low vigour (image 6).

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

Some low vigour, deficiency symptoms lower waterlogged swampy section (image 7).

Beneficial's

Not sighted

Notes

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks / Recent Irrigation / Precipitation

N/a

Irrigation System (leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Sprayed- dying (image 3)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

50 cm

Broken Posts (intermediate / Strainers)

N;a

Broken Wires

N/a

Notes / Other



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Photos





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Block C Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

23

Tip Growth

Generally good vigour (image 1)

Canopy height x width (av. - cm)

80 x 50 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense canopy and crowns (image 4)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Watershoots flagged for rejuvenation

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (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

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)

Sprayed- mostly dying (image 3)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

20 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 D Viognier

Vine Growth, Canopy & Crop

EL Stage

22

Tip Growth

Moderate vigour (image 1)

Canopy height x width (av. - cm)

50 x 40 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense canopy and crowns

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Sprayed- mostly dying (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

Some Blister Mite (image 4)

Weevils

Not sighted

Eutypa

Quite a lot of Eutypa (image 5)

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)

Sprayed- dying (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

VITICULTURE

Block E Chardonnay

Vine Growth, Canopy & Crop

EL Stage

23

Tip Growth

Good vigour (image 1)

Canopy height x width (av. - cm)

80 x 40 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense crowns (image 6)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Watershoots flagged for rejuvenation (image 2)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 2), light to medium density- some apical dominance, gaps (image 7).

Frost or Cold Damage

No

Notes

Some wind damage- broken shoots (image 5) - not a lot.

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

Some leaves 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)

Sprayed- dying (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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Block F Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

22

Tip Growth

Moderate vigour

Canopy height x width (av. - cm)

40 x 30 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Some dense crowns (image 5).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Sprayed- dying (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Small to medium size (image 2),
Lmedium density- some gaps (image 4)

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

Not obvious

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

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)

Sprayed- dying (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



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block H Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

23

Tip Growth

Generally good vigour (image 1)-
picking up with some warmer
weather.

Canopy height x width (av. - cm)

60 x 40 cm

Canopy Lifting

Wires are down

**Canopy & Crown Density (thinning
requirements)**

Some dense crowns (image 7)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Sprayed- mostly dying (image 3)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Small to medium size (image 2),
medium density

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (old infection)

1

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, generally not
showing up on the canes.

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

Downy Mildew (images 4 & 5) on
1 in every 20 vines.

Soil, Irrigation, Sward, Trellis, Other

**Soil Moisture / Cracks / Recent
Irrigation / Precipitation**

Good

**Irrigation System (leaks, blocked
emitters etc.)**

N/a

Weed Growth (vine rows)

Sprayed- dying (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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Summary

Date

13/12/2022

Monitored By

Alex Mills

Vineyard Summary

Into flowering and vigour has picked up with some warmer weather. With wet conditions and some warm nights over the past few months there have been a number of Downy Mildew alerts and some has been found in blocks H and A, and some leaves collected for testing in some other blocks. There is some Blister Mite but won't affect vine health and yield.

Signature

A handwritten signature in black ink, appearing to read 'Alex Mills', with a date '13/12' written below it.

GPS Location



VITICULTURE

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Vineyard Map