



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block A Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Generally strong (image 2)

Canopy height x width (av. - cm)

70 x 40 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Dense crowns (image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (image 1)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium density- some gaps with missing vines (image 6), medium size (image 3), some flowering remnant (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

Dead snail (image 7)

Mites

Not sighted

Weevils

Not sighted, some signs of damage (image 5)

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE





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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block B Chardonnay

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Strong

Canopy height x width (av. - cm)

80 x 50 cm

Canopy Lifting

First lift is done

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns (image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Clean trunks, watershoots taped for rejuvenation (image 1)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium density- some gaps with missing vines, medium size (image 3), some flowering remnant (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)

Dead Scale (image 5)

Snails

Dead snail (image 6)

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)

Generally clean (image 1).

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block C Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Strong

Canopy height x width (av. - cm)

90 x 40 cm

Canopy Lifting

First lift is done

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns
(image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Generally clean trunks,
watershoots taped for
rejuvenation (image 1)

**Fruit/ Inflorescence Density,
Overcovering, Bunch size & condition**

Medium to high density, medium
size, some flowering remnant
(image 3)

Frost or Cold Damage

Some, not much.

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block D Viognier

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Strong

Canopy height x width (av. - cm)

80 x 50 cm

Canopy Lifting

First lift is done

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Watershoots returning (images 1 & 6)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium density, medium size (image 3), some stuck caps and flowering remnant (image 5).

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 4)

Weevils

Not sighted

Eutypa

Patches of Eutypa (image 7) 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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block E Chardonnay

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Strong

Canopy height x width (av. - cm)

80 x 50 cm

Canopy Lifting

First lift is done

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns (image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Generally clean trunks (image 1)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium density, medium size, some flowering remnant (image 3)

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

Dead snail (image 4)

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

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks / Recent Irrigation / Precipitation

Good

Irrigation System (leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

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 F Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Strong (image 2)

Canopy height x width (av. - cm)

70 x 50 cm

Canopy Lifting

First lift is done

Canopy & Crown Density (thinning requirements)

Dense crowns (image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Watershoots returning (image 1)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium density, medium size, some flowering remnant (image 3).

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)

Generally clean (image 1)

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



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block G Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Generally strong (image 2)

Canopy height x width (av. - cm)

50 x 30 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Light density (image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Watershoots returning (image 1)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Light density, small to medium size, some flowering remnant (image 3)

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

Dead snails (image 5)

Mites

Not sighted

Weevils

Not sighted

Eutypa

No

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

20 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

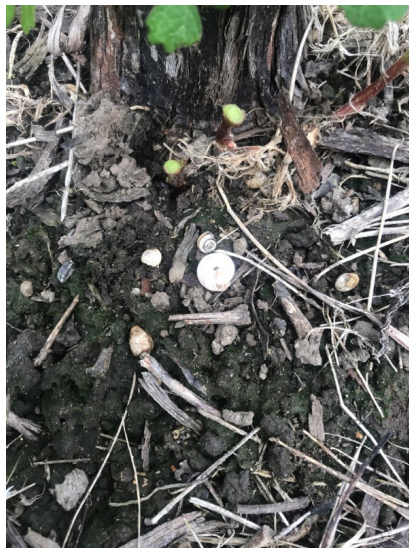
Notes / Other

Photos



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block H1 Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

27

Tip Growth

Strong (image 1)

Canopy height x width (av. - cm)

70 x 40 cm

Canopy Lifting

First lift is done

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns (image 2)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Generally clean trunks, watershoots taped for rejuvenation (image 1)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium to high density, medium size (image 3)

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block H2 Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Generally strong (images 1 & 2)

Canopy height x width (av. - cm)

N/a

Canopy Lifting

N/a

Canopy & Crown Density (thinning requirements)

N/a

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some laterals (image 2)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

N/a

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

No

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block I Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Generally strong (images 1 & 2)

Canopy height x width (av. - cm)

N/a

Canopy Lifting

N/a

Canopy & Crown Density (thinning requirements)

N/a

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some laterals (image 2)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

N/a

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

No

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block J Chardonnay

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Generally strong (images 1 & 2)

Canopy height x width (av. - cm)

N/a

Canopy Lifting

N/a

Canopy & Crown Density (thinning requirements)

N/a

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Recently trained (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

N/a

Frost or Cold Damage

No

Notes

Some kangaroo damage (image 4)

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

Dead snail (image 5)

Mites

Not sighted

Weevils

Not sighted. Dead black beetle (image 6).

Eutypa

No

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)

Generally clean (image 1)

Weed Growth (mid rows)

Some broadleaf

Sward Length (rows / headlands)

Recently slashed

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE





VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23

Summary

Date

05/12/2023

Monitored By

Alex Mills

Vineyard Summary

Through flowering with generally a medium density of medium size bunches and no urgent pest and disease issues. There is blister mite in some blocks but won't affect growth or yield. There are some signs of weevil damage to watershoots, none sighted. Some dead snails. Some nibbling in new plantings- may be earwigs, and some dead black beetles.

Signature

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

GPS Location



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23

Vineyard Map

