



P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block A Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

35

Tip Growth

Moderate vigour (image 1)

Canopy height x width (av. - cm)

90 x 60 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Some dense patches (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/ loss (image 5)

Watershoot Growth

Watershoots returning (image 3)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size (image 2), medium to high density, some sunburn and shrivel (image 4), some secondary crop (image 6)- not a lot.

Frost or Cold Damage

No

Notes

Photos

Pest, Disease & Nutrition

Powdery Mildew

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 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 (image 3)

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

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VITICULTURE

Block B Chardonnay

Vine Growth, Canopy & Crop

EL Stage

34

Tip Growth

Strong (image 1)

Canopy height x width (av. - cm)

140 x 70 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Dense crowns (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/loss (image 4)

Watershoot Growth

Taped for rejuvenation (image 3)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size (image 2), medium density, some hen and chicken

(image 5)-not a lot, some sunburn/shrivel (image 6)-not a lot.

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

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 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- dying (image 3)

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 C Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

34

Tip Growth

Strong - slowing

Canopy height x width (av. - cm)

120 x 70 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Dense crowns (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/ loss (image 6)

Watershoot Growth

Taped for rejuvenation (image 3)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size (image 2), medium to high density, some secondary crop (image 5), some hen and chicken (image 7),

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

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

Some Eutypa (image 4), 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)

Sprayed- dying (image 3)

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

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VITICULTURE





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VITICULTURE

Block D Viognier

Vine Growth, Canopy & Crop

EL Stage

34

Tip Growth

Moderate to strong in places, slowing (image 1)

Canopy height x width (av. - cm)

90 x 60 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/loss

Watershoot Growth

Removal in progress (image 6)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 2), medium density, some hen and chicken (image 5)-not a lot,

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

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

Some blister mite (image 4)

Weevils

Not sighted

Eutypa

Covered by canopy

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)

20 cm

Broken Posts (intermediate / Strainers)

N/a

Broken Wires

N/a

Notes / Other

Photos



VITICULTURE

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P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block E Chardonnay

Vine Growth, Canopy & Crop

EL Stage

34

Tip Growth

Strong- slowing (image 1)

Canopy height x width (av. - cm)

130 x 60 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Dense crowns (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/loss

Watershoot Growth

Watershoots taped for rejuvenation (image 3)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size (image 2), medium density- some gaps (image 6), some sunburn/shrivel (image 4)- not a lot, some hen and chicken (not a lot), some secondary crop (image 8).

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (old infection)

1

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 showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

Old Downy Mildew controlled by sprays (image 7)

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks / Recent Irrigation / Precipitation

Good

Irrigation System (leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

N/a

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



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VITICULTURE





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VITICULTURE





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VITICULTURE

Block F Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

34

Tip Growth

Moderate vigour (image 1)

Canopy height x width (av. - cm)

90 x 60 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/loss

Watershoot Growth

Some watershoots (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 2), light to medium density, some secondary crop (image 4)"

Frost or Cold Damage

No

Notes

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (old infection)

1

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 showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

Old Downy Mildew controlled by sprays (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)

Sprayed- 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



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block G Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Strong (image 1)

Canopy height x width (av. - cm)

All are up to the wire, most with arms wrapped on (images 1 & 2).

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

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

Some Italian snails (image 4)

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)

Sprayed- dying (image 2)

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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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block H1 Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

34

Tip Growth

Strong- slowing (image 1)

Canopy height x width (av. - cm)

110 x 70 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Dense canopy and crowns (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

Some seasonal leaf yellowing/ loss.

Watershoot Growth

Watershoots returning (image 3)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 2), medium to high density, some secondary crop (image 4), some sunburn/ shrivel (image 6)- not much.

Frost or Cold Damage

No

Notes

Photos

Pest, Disease & Nutrition

Powdery Mildew

0

Downy Mildew (old infection)

1

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 showing up on the canes

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

Old Downy Mildew controlled by sprays (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)

Sprayed fairly clean (image 3)

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

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P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block H2 Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Most are growing (image 1)

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

N/a

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

Not sighted

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 (image 4)

Irrigation System (leaks, blocked emitters etc.)

N/a

Weed Growth (vine rows)

Sprayed- clean (image 3)

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



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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block I Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Most are growing (image 1)

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

N/a

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)

Sprayed- clean (image 2)

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



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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block J Chardonnay

Vine Growth, Canopy & Crop

EL Stage

N/a

Tip Growth

Strong- many out of vineguards
(image 1)

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

N/a

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, some black beetle
larvae (image 3)

Eutypa

No

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Worms (image 6)

Notes

Some kangaroo damage (image
4).

Soil, Irrigation, Sward, Trellis, Other

Soil Moisture / Cracks / Recent
Irrigation / Precipitation

Good

Irrigation System (leaks, blocked
emitters etc.)

N/a

Weed Growth (vine rows)

Mostly clean (image 2)

Weed Growth (mid rows)

Some broadleaf including
Nightshade (image 5)

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





VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23

Summary

Date

14/02/2023

Monitored By

Alex Mills

Vineyard Summary

Heading in to veraison with the vines showing good vigour- slowing with some seasonal leaf yellowing and loss and generally a medium density of medium size bunches. Old Downy Mildew has been controlled by sprays with no active symptoms sighted. With a recent heatwave there is some - not a lot - of sunburn on berries some with broken skin but so far no botrytis sighted. There is some blister mite but won't affect vine health or yield.

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

