



P&D Monitoring Report Hanna Ridge Vineyard

2022-23

VITICULTURE

Block A Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

12

Tip Growth

Strong

Canopy height x width (av. - cm)

20 x 15 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1), some dense crowns (image 3), some blind budding (image 4).

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (image 2)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Small to medium size (image 5), 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 6).

Weevils

No

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)

Fairly 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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Block B Chardonnay

Vine Growth, Canopy & Crop

EL Stage

12

Tip Growth

Strong

Canopy height x width (av. - cm)

25 x 15 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

Light canopy (image 1), some dense crowns (image 8).

Leaf Colour

Good

Leaf Loss (shading or stress)

No. Some wind damage (image 3)- not a lot.

Watershoot Growth

Some big watershoots (image 2).

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size bunches (image 6), low to medium density- some blind budding, some gaps (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 (image 3).

Snails

Not sighted

Mites

Some blister mite (image 9)

Weevils

Not sighted. A lot of earwigs

Eutypa

Some patches (image 4).

Diaporthe

No

Phomopsis

No

Nutrient Deficiency / Toxicity

No

Beneficial's

Not sighted

Notes

One 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 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



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P&D Monitoring Report Hanna Ridge Vineyard

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VITICULTURE

Block C Pinot Noir

Vine Growth, Canopy & Crop

EL Stage

12

Tip Growth

Strong

Canopy height x width (av. - cm)

25 x 15 cm

Canopy Lifting

Wires are up

Canopy & Crown Density (thinning requirements)

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

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some big watershoots (image 2)

Fruit/ Inflorescence Density,

Overcovering, Bunch size & condition

Medium size (image 3), medium density.

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

No

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 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



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VITICULTURE





P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block D Viognier

Vine Growth, Canopy & Crop

EL Stage

12

Tip Growth

Strong

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 watershoots (image 2)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size, 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)

Snails

Mites

Quite a lot of blister mite (image 4)

Weevils

No

Eutypa

Some patches (image 6), 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)

Fairly 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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P&D Monitoring Report Hanna Ridge Vineyard 2022-23

VITICULTURE

Block E Chardonnay

Vine Growth, Canopy & Crop

EL Stage

12

Tip Growth

Strong

Canopy height x width (av. - cm)

30 x 15 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Light density (image 5)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (image 2)

Fruit/ Inflorescence Density, Overcovering, Bunch size & condition

Medium size (image 3), light to medium density-some apical dominance, blind budding (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 Scale (image 4)

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)

Fairly clean (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



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P&D Monitoring Report Hanna Ridge Vineyard 2022-23

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Block F Pinot Gris

Vine Growth, Canopy & Crop

EL Stage

11

Tip Growth

Strong

Canopy height x width (av. - cm)

20 x 15 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (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

Some blister mite (image 4)

Weevils

No

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 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 H Pinot Meunier

Vine Growth, Canopy & Crop

EL Stage

11

Tip Growth

Strong

Canopy height x width (av. - cm)

15 x 10 cm

Canopy Lifting

Wires are down

Canopy & Crown Density (thinning requirements)

Fairly even shoot growth (image 1)

Leaf Colour

Good

Leaf Loss (shading or stress)

No

Watershoot Growth

Some watershoots (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

No

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 blackberry (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

Summary

Date

28/10/2022

Monitored By

Alex Mills

Vineyard Summary

Generally even shoot and inflorescence development. Would consider crown thinning in some blocks. There is some blister mite- quite a lot in block D- and some scale- not much. With the recent wet and mild conditions there have been Downy Mildew alerts and some leaves have been collected for testing from blocks A and B.

Signature

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

GPS Location



VITICULTURE

P&D Monitoring Report Hanna Ridge Vineyard 2022-23

Vineyard Map