

### **Block 1 Merlot**

Date

03/11/2020 Monitored by:

**Brenton Willsmore** 

Vine Growth / Canopy & Crop

**EL Stage** 

**Tip Growth** 

Fresh

Canopy Height (av. - cm)

40

Canopy Width (av. - cm)

30

**Canopy Density (thinning requirements)** 

Well spaced, no thinning needed

**Crown Density (thinning requirements)** 

Even

**Leaf Colour** 

Deep green

**Canopy Lifting** 

Catch wire will be needed

Leaf Loss (shading or stress)

No , vines healthy

**Watershoot Growth** 

Yes, needs removing

Fruit / Inflorescence Density, Overcropping

Average 2 bunches per shoot,

even crop so far

Inflorescence / Bunch Condition & Size

Healthy inflorescence

Frost damage

Nil

Cold damage

Nil

Notes / Other

**Pest, Disease & Nutrition** 

**Powdery Mildew** 

Downy Mildew (oil spots or active

infection)

**Downy Mildew (old infection)** 

0

Diaporthe

**Phomopsis** 

0

**Botrytis (leaf)** 

**Botrytis (bunch)** 

0

Mites

0 Snails

<1

Scale (adults)

Scale (eggs)

0

Scale (crawlers)

LBAM (webbing / moths / eggs /

caterpillars)

Clean

Weevils

0

Eutypa

**Nutrient Deficiency / Toxicity** 

No ,vines look healthy

Soil, Irrigation, Sward

Soil Moisture / Cracks

Wet

**Recent Irrigation / Precipitation** 

Rained on weekend

Irrigation System (Leaks, blocked emitters

Drip line and wire is very loose,

needs straining and jiffy clipped to

wire to get off the ground

Weed Growth (vine rows)

Yes, in the process of undervine

spraying

Weed Growth (mid rows)

Cape weed

Sward Length (rows / headlands)

60 cm

Notes / Other

Drip line and wire needs attention

to get it off the ground to stop ants

blocking drippers and for even

watering

Trellis, General Vineyard

**Broken Posts (intermediate, strainers)** 

Broken posts have been removed

but not replaced, 2 Strainers

needed in this block

**Broken Wires** 

Foliage wires have been repaired

**General Block Condition** 

Two rows on the westerly side need attention as trees have

overgrown rows and cannot be accessed, several vines are feral



Water shoots will need removing from the crown down

Beneficials
Spiders / lady bugs
Pest & Disease Notes / Other
Merlot looks good

and are a haven for disease to develop

#### Image



### Image



Image





**Image** 

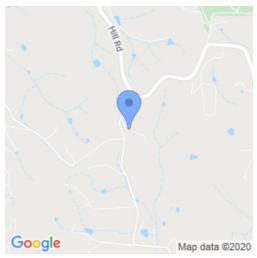


Image



**GPS Location** 





### **Block 2 Cabernet Sauvignon**

Date

03/11/2020

Monitored by:

**Brenton Willsmore** 

### Vine Growth / Canopy & Crop

**EL Stage** 

16

**Tip Growth** 

Fresh,good

Canopy Height (av. - cm)

50

Canopy Width (av. - cm)

40

**Canopy Density (thinning requirements)** 

Shoots Evenly spaced

**Crown Density (thinning requirements)** 

Slightly crowded should be ok

**Leaf Colour** 

Deep green

**Canopy Lifting** 

Catch wires in approx 2 weeks

Leaf Loss (shading or stress)

Pest, Disease & Nutrition

**Powdery Mildew** 

Λ

Downy Mildew (oil spots or active infection)

0

**Downy Mildew (old infection)** 

0

Diaporthe

0

**Phomopsis** 

0

**Botrytis (leaf)** 

0

**Botrytis (bunch)** 

0

Mites

0

**Snails** 

<1

Scale (adults)

<1

Soil, Irrigation, Sward

Soil Moisture / Cracks

Good

Recent Irrigation / Precipitation

Rained last week

Irrigation System (Leaks, blocked emitters

etc.)

Drip line and wire needs to be

strained up off the ground.

Weed Growth (vine rows)

In the process of Undervine

spraying

Weed Growth (mid rows)

Cape weed midrow mixed in with

grasses

Sward Length (rows / headlands)

60 cm

Notes / Other

I want to leave the mid rows high in

this block to dry the soil out a bit.

Trellis, General Vineyard

**Broken Posts (intermediate, strainers)** 



Nil

**Watershoot Growth** 

Yes, Hand clean up from the crown down may be required Fruit / Inflorescence Density, Overcropping Well evenly spaced fruit, not over cropped

Inflorescence / Bunch Condition & Size Inflorescence average size and healthy

Frost damage

Nil

**Cold damage** 

Nil

Notes / Other

As this block is going to Treasury (Penfolds), A water shoot hand clean up would be advised.

Scale (eggs)

<1

Scale (crawlers)

0

LBAM (webbing / moths / eggs / caterpillars)

Nil

Weevils

0

Eutypa

0

**Nutrient Deficiency / Toxicity** 

No

**Beneficials** 

**Spiders** 

Pest & Disease Notes / Other

Clean canopy

Broken posts removed but not replaced, strainer needs replacing

Foliage wires have been repaired

**Broken Wires** 

General Block Condition
Cab sav looks good, Dripline
needs attention. It needs to be
strained and off the ground so ants
don't block the emitters and we get
a even watering pattern undervine

Notes / Other

As this is a Treasury (Penfolds)block. The irrigation needs attention if we are to grow a grade fruit.

**Image** 

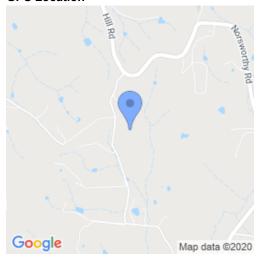


**Image** 





**GPS Location** 



### **Block 3 Sangiovese**

Date

03/11/2020

Monitored by:

**Brenton Willsmore** 

Vine Growth / Canopy & Crop

Pest, Disease & Nutrition

**Powdery Mildew** 

Λ

Downy Mildew (oil spots or active infection)

Soil, Irrigation, Sward

Soil Moisture / Cracks

Wet

Recent Irrigation / Precipitation

Rain last week



**EL Stage** 

16

**Tip Growth** 

Fresh

Canopy Height (av. - cm)

70

Canopy Width (av. - cm)

**Canopy Density (thinning requirements)** 

No

**Crown Density (thinning requirements)** 

No

**Leaf Colour** 

Medium green

**Canopy Lifting** 

Lift wires will be needed

Leaf Loss (shading or stress)

No

Watershoot Growth

Yes

Fruit / Inflorescence Density, Overcropping ()

Good

Inflorescence / Bunch Condition & Size

Large healthy inflorescence

Frost damage

No

Cold damage

No

0

**Downy Mildew (old infection)** 

Diaporthe

**Phomopsis** 

**Botrytis (leaf)** 

**Botrytis (bunch)** 

0

Mites

0

Snails

<1

Scale (adults)

<1

Scale (eggs)

0

Scale (crawlers)

LBAM (webbing / moths / eggs /

caterpillars)

None found

Weevils

0

**Eutypa** 

**Nutrient Deficiency / Toxicity** 

Flag shoots visible from vines with

eutpya

**Beneficials** 

Yes

Pest & Disease Notes / Other

Healthy canopy apart from the

eutypa

Irrigation System (Leaks, blocked emitters

etc.)

Drip lines need straining to get

them off the ground

Weed Growth (vine rows)

Have commenced undervine

spraying

Weed Growth (mid rows)

Sward Length (rows / headlands)

800 mm

Trellis, General Vineyard

**Broken Posts (intermediate, strainers)** Broken posts removed but not

replaced.

**Broken Wires** 

Foliage wire have been repaired

**General Block Condition** 

There is intermittent eutypa

throughout the block.

Blackberry bushes undervine need

to be removed/ sprayed out.





Image



**GPS Location** 





### **Block 4a Cabernet Sauvignon**

Date

03/11/2020

Monitored by:

**Brenton Willsmore** 

### Vine Growth / Canopy & Crop

**EL Stage** 

16

**Tip Growth** 

Fresh

Canopy Height (av. - cm)

40

Canopy Width (av. - cm)

30

**Canopy Density (thinning requirements)** 

No

**Crown Density (thinning requirements)** 

Not needed Leaf Colour Deep green Canopy Lifting

Lift wires required

Leaf Loss (shading or stress)

Pest, Disease & Nutrition

**Powdery Mildew** 

0

**Downy Mildew (oil spots or active** 

infection)

0

**Downy Mildew (old infection)** 

0

Diaporthe

0

**Phomopsis** 

0

**Botrytis (leaf)** 

0

**Botrytis** (bunch)

0 Mites 0 Snails

Silalis

<1

Scale (adults)

<1

Soil, Irrigation, Sward

Soil Moisture / Cracks

Wet

Recent Irrigation / Precipitation

Recent rain

Irrigation System (Leaks, blocked emitters

etc.)

Drip lines need straining to keep

off ground

Weed Growth (vine rows)

Yes

Weed Growth (mid rows)

Minimal

Sward Length (rows / headlands)

40 cm

Trellis, General Vineyard

**Broken Posts (intermediate, strainers)** 

Broken posts removed but not

replaced

**Broken Wires** 

Foliage wires repaired



No Scale (eggs)

Watershoot Growth

Scale (crawlers) No

Fruit / Inflorescence Density, Overcropping

No

Inflorescence / Bunch Condition & Size

Good, average size

Frost damage

No

Cold damage

No

0

LBAM (webbing / moths / eggs /

caterpillars)

None seen

Weevils

Eutypa

**Nutrient Deficiency / Toxicity** Canopy looks healthy

### **Block 4b Shiraz**

Date

03/11/2020

Monitored by:

**Brenton Willsmore** 

Vine Growth / Canopy & Crop

**EL Stage** 

16

**Tip Growth** 

Fresh

Canopy Height (av. - cm)

60

Canopy Width (av. - cm)

40

**Canopy Density (thinning requirements)** 

No

**Crown Density (thinning requirements)** 

No

Pest, Disease & Nutrition

**Powdery Mildew** 

Downy Mildew (oil spots or active

infection)

0

**Downy Mildew (old infection)** 

Diaporthe

**Phomopsis** 

**Botrytis (leaf)** 

**Botrytis (bunch)** 

0

Mites

Soil, Irrigation, Sward

Soil Moisture / Cracks

Wet

**Recent Irrigation / Precipitation** 

Recent rain

Irrigation System (Leaks, blocked emitters

etc.)

Dripline needs straining up off

ground to stop emitters blocking

and for even watering Weed Growth (vine rows)

Yes

Weed Growth (mid rows)

Cape weed mixed with grasses

Sward Length (rows / headlands)

40

Notes / Other



**Leaf Colour** 

Med green **Canopy Lifting** 

Will need lift wires up to stop

canopy rolling

Leaf Loss (shading or stress)

No

Watershoot Growth

Yes

Fruit / Inflorescence Density, Overcropping LBAM (webbing / moths / eggs /

No

Inflorescence / Bunch Condition & Size

Good, average size bunches

Frost damage

No

Cold damage

No

0

Snails

<1

Scale (adults)

<1

Scale (eggs)

Scale (crawlers)

caterpillars)

None visible

Weevils

0

Eutypa

0

This block is going to Treasury (Penfolds) so drip lines need attention.

#### Trellis, General Vineyard

**Broken Posts (intermediate, strainers)** 

Broken posts removed but not

replaced

**Broken Wires** 

Foliage wires repaired

### **Block 5a Sauvignon Blanc**

**Date** 

03/11/2020

Monitored by:

**Brenton Willsmore** 

### Vine Growth / Canopy & Crop

**EL Stage** 

15

Tip Growth

Fresh

Canopy Height (av. - cm)

30

Canopy Width (av. - cm)

20

Pest, Disease & Nutrition

**Powdery Mildew** 

Downy Mildew (oil spots or active

infection)

0

**Downy Mildew (old infection)** 

0

Diaporthe

**Phomopsis** 

**Botrytis (leaf)** 

Soil, Irrigation, Sward

Soil Moisture / Cracks

Very wet ,neighbour's dam

overflows through block, This block

will need some drainage

earthworks done.

**Recent Irrigation / Precipitation** 

Recent rain

Weed Growth (vine rows)

Weed Growth (mid rows)

Sward Length (rows / headlands)



**Canopy Density (thinning requirements)** 

A dense canopy, will monitor

**Crown Density (thinning requirements)** 

TBA Will monitor

**Leaf Colour** 

Deep green

**Canopy Lifting** 

Yes VSP

No

No

Leaf Loss (shading or stress)

**Watershoot Growth** 

Yes

Fruit / Inflorescence Density, Overcropping 0

Inflorescence / Bunch Condition & Size

Good condition, lots of shoots with

only one bunch

Frost damage

No

Cold damage

No

0

**Botrytis** (bunch)

Mites

0

Snails

Scale (adults)

Scale (eggs)

Scale (crawlers)

LBAM (webbing / moths / eggs /

caterpillars)

None seen

Weevils

0

**Eutypa** 

Pest & Disease Notes / Other

This is a very wet block,

waterlogged at the moment, watch

snail movement.

60 cm

### **Trellis, General Vineyard**

**Broken Posts (intermediate, strainers)** 

Yes, to be removed, too wet to get

through at the moment

**Broken Wires** 

Foliage wires been repaired

### Blocks 5b & 5c Shiraz

Date

03/11/2020

Monitored by:

**Brenton Willsmore** 

Vine Growth / Canopy & Crop

**EL Stage** 

Pest, Disease & Nutrition

**Powdery Mildew** 

Downy Mildew (oil spots or active

infection)

0

Soil, Irrigation, Sward

Soil Moisture / Cracks

Very wet

**Recent Irrigation / Precipitation** 

Recent rain

Weed Growth (vine rows)



12

**Tip Growth** 

Good/ Fresh tips
Canopy Height (av. - cm)

20

Canopy Width (av. - cm)

10

**Canopy Density (thinning requirements)** 

No

**Crown Density (thinning requirements)** 

No

Leaf Colour Mid green Canopy Lifting

No

Leaf Loss (shading or stress)

No

**Watershoot Growth** 

Water shoots removed whilst

training vines

Fruit / Inflorescence Density, Overcropping

Even

Inflorescence / Bunch Condition & Size Average size for young vines ,

Healthy
Frost damage

No

Cold damage

No

**Downy Mildew (old infection)** 

0

Diaporthe

0

**Phomopsis** 

0

**Botrytis (leaf)** 

0

**Botrytis (bunch)** 

0 Mites 0 Snails

Scale (adults)

0

Scale (eggs)

0

Scale (crawlers)

0

LBAM (webbing / moths / eggs /

caterpillars)
None sited
Weevils

0

Eutypa

0

Undervine spray needed Weed Growth (mid rows)

Yes

Sward Length (rows / headlands)

60

Notes / Other

Block is too wet to Undervine spray or slash at the moment

#### Trellis, General Vineyard

Broken Posts (intermediate, strainers)
Yes , to be removed when block
dries out

Broken Wires

Foliage wires been repaired

**General Block Condition** 

Block is water logged and very boggy. Only just accessible with tractor . Drainage on this block

needs to be addressed.

**Block 6 Merlot** 

Pest, Disease & Nutrition

Soil, Irrigation, Sward

Date

1C886C14-7407-4CD5-9CC5-A8B3D3715139



04/11/2020

Monitored by:

**Brenton Willsmore** 

Vine Growth / Canopy & Crop

**EL Stage** 

7

**Tip Growth** 

Fresh

Canopy Height (av. - cm)

30

Canopy Width (av. - cm)

20

**Canopy Density (thinning requirements)** 

Nο

**Crown Density (thinning requirements)** 

No

Leaf Colour Mid green Canopy Lifting

Yes

Leaf Loss (shading or stress)

NIA

**Watershoot Growth** 

Yes

Fruit / Inflorescence Density, Overcropping

Ok

Inflorescence / Bunch Condition & Size

Healthy Frost damage

No

Cold damage

No

**Powdery Mildew** 

0

Downy Mildew (oil spots or active

infection)

0

**Downy Mildew (old infection)** 

0

Diaporthe

0

**Phomopsis** 

0

**Botrytis (leaf)** 

0

**Botrytis (bunch)** 

0 Mites 0 Snails

<1

. .

Scale (adults)

0

Scale (eggs)

0

Scale (crawlers)

0

LBAM (webbing / moths / eggs /

caterpillars) None seen Weevils

0

Eutypa

<1

Soil Moisture / Cracks

Wet

**Recent Irrigation / Precipitation** 

Recent rain

Weed Growth (vine rows)

Yes

Weed Growth (mid rows)

Yes

Sward Length (rows / headlands)

60 cm

Trellis, General Vineyard

**Broken Posts (intermediate, strainers)** 

Broken posts removed

**Broken Wires** 

Foliage wires repaired



### Blocks 7, 8 & 9 Pinot Noir

Date

04/11/2020

Monitored by:

**Brenton Willsmore** 

Vine Growth / Canopy & Crop

**EL Stage** 

16

**Tip Growth** 

Fresh

Canopy Height (av. - cm)

60

Canopy Width (av. - cm)

40

**Canopy Density (thinning requirements)** 

Very thick dense canopy

**Crown Density (thinning requirements)** 

Thick
Leaf Colour
Deep green
Canopy Lifting

Yes

Leaf Loss (shading or stress)

No

**Watershoot Growth** 

Yes

Fruit / Inflorescence Density, Overcropping

Not overcropped

Inflorescence / Bunch Condition & Size

Good condition, small inflorescence

Frost damage

No

Cold damage

No

Pest, Disease & Nutrition

**Powdery Mildew** 

0

Downy Mildew (oil spots or active

infection)

0

**Downy Mildew (old infection)** 

0

Diaporthe

0

**Phomopsis** 

0

**Botrytis (leaf)** 

0

**Botrytis (bunch)** 

0
Mites
0
Snails

Scale (adults)

0

Scale (eggs)

0

Scale (crawlers)

0

LBAM (webbing / moths / eggs /

caterpillars)

None seen
Weevils

0 Eutypa

Pest & Disease Notes / Other

Intermittent eutypa throughout Pinot Blocks

Soil, Irrigation, Sward

Soil Moisture / Cracks

Wet

**Recent Irrigation / Precipitation** 

Recent rain

Weed Growth (vine rows)

Yes

Weed Growth (mid rows)

Some broad leaf

Sward Length (rows / headlands)

60 cm

**Trellis, General Vineyard** 

**Broken Posts (intermediate, strainers)** 

Broken posts removed

**Broken Wires** 

Foliage wires repaired

**General Block Condition** 

Trellising good condition



### Image

