



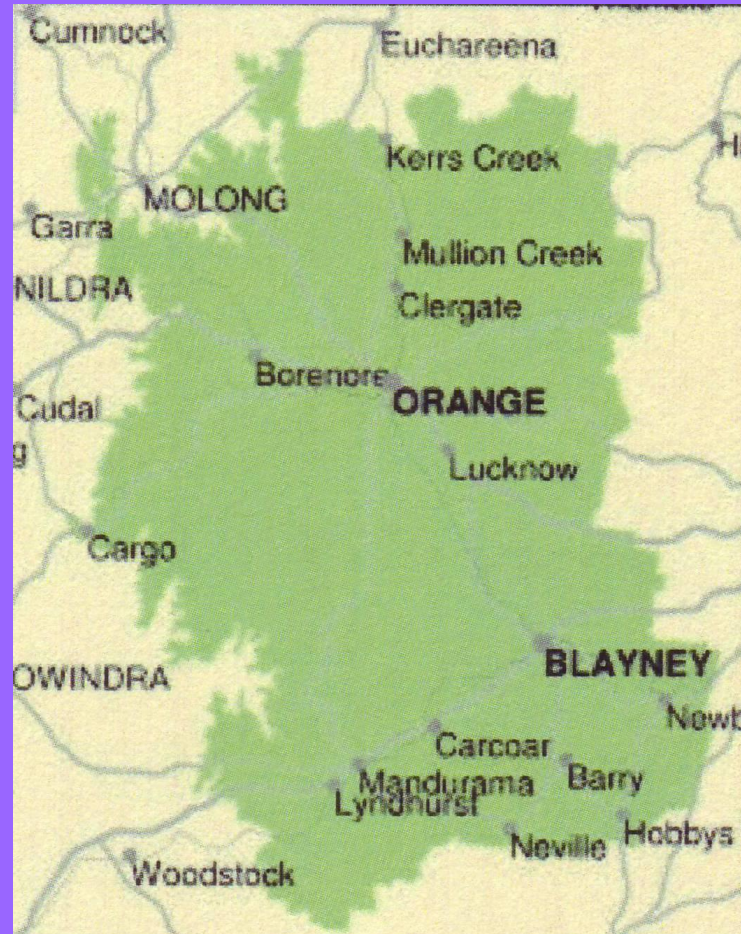
# SPRING VINE HEALTH

Anne Mooney



Industry &  
Investment

# Orange Region



## The Orange region

- There are approximately 60-70 growers in the region
- The area is dominated by family owned businesses
- There are 1500 ha of wine grapes planted (2005 survey)
- There are about 163600 tons of grapes produced for wine making in the Central ranges

# Botrytis survey

Can you identify botrytis?



# Yes

- Most respondents were confident they could recognise botrytis

**How do you rate the your canopy vigour?**



- All respondents had vigorous canopies

**How do you rate the overall health of your vineyard?**



**Did you have an issue with botrytis last season?**

**Only one respondent answered no**

**What was the severity of the infection?**

**1 = no botrytis**

**5 = crop rejected**

**Average 3.1**

**Dependent on block and variety**

## What varieties were affected?

<b>Reisling**</b>	<b>50%</b>
<b>Chardonnay****</b>	<b>40%</b>
<b>Viognier</b>	<b>40%, not harvested</b>
<b>Shiraz***</b>	<b>selectively picked, poor ventilation in block</b>
<b>Pinot gris</b>	
<b>Pinot noir*</b>	
<b>Cabernet franc</b>	
<b>Semillon*</b>	<b>severely one respondent</b>
<b>Savignon blanc***</b>	
<b>Merlot*</b>	
<b>Muscat</b>	

**What is the average age of vines affected?**

**3-10 years**

**6-7 years**

**Over 11 years 5 respondents**

## **What control strategies did you use?**

- **Range of botrytis sprays from 80% capfall to harvest**
- **Bravo early flowering, Scala after flowering, Rovral**
- **Bravo at flowering, Captan at bunch closure, Rovral late**
- **No flowering spray**
- **Flowering spray, pre bunch closure spray, shoot thinning, bunch thinning**
- **Full botrytis program, canopy management including cane pruning, leaf plucking, hedging**

## **Other comments**

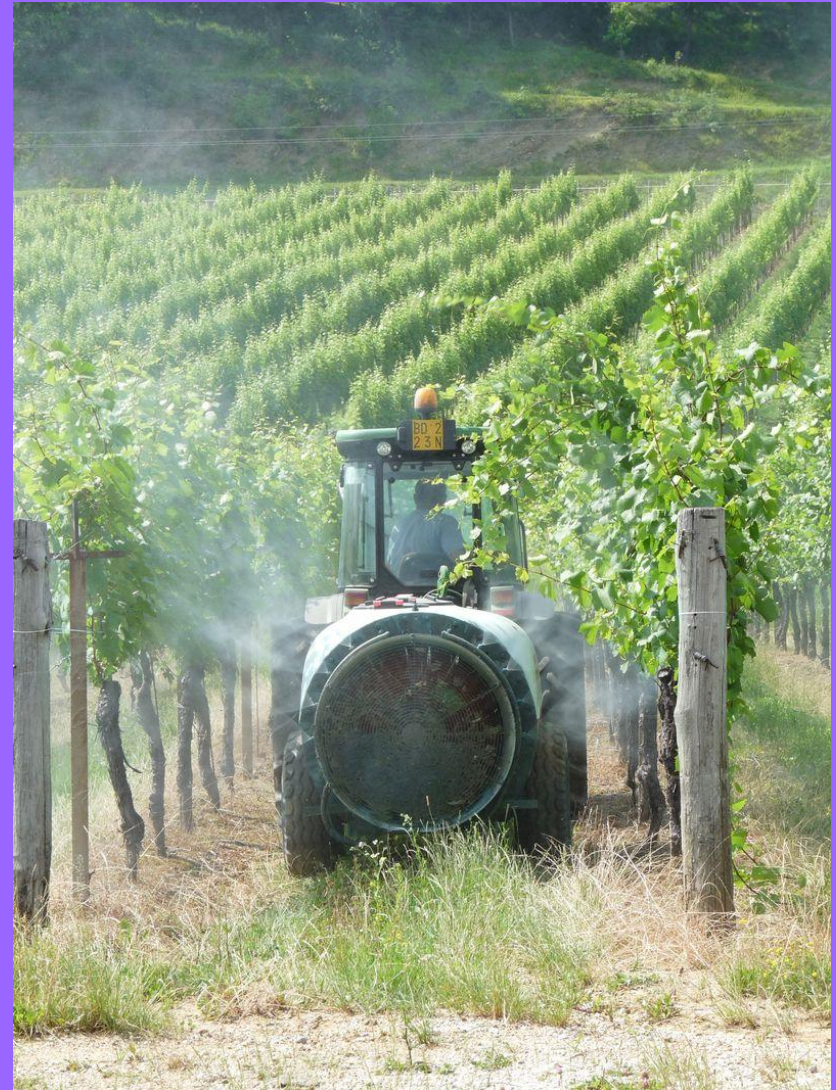
- **Worst incidence since 2000\***
- **Rain in February at high altitudes can be a problem**
- **Infection spread quickly**
- **Caused by poor airflow, rain at harvest, long grass**
- **Infection in Reisling because of berry splitting**
- **Infection in Chardonnay because of tight bunches**

**Take home messages for next  
season**

# Reach the target

Calibrate your sprayer

Check your machinery



- Keep good records e.g temperature, rainfall, flowering dates, harvest dates, levels of infection
- Plan your management strategies
- Look at factors such as airflow, humidity, drainage

**My sincere thanks to the individuals who  
gave up their time to complete the  
survey**



# Anne's mobile

0400 713 573



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