

# 24 Hour risk profile for Summer spraying

Always follow label instructions



Windspeeds must be **above 4 km/h** and **less than 15-20 km/h** (refer to label) blowing away from sensitive areas

Medium spray quality: **Delta T: 2-10**  
Coarse spray quality: **Delta T: 2-12**

To start spraying, the sun should be about 20 degrees above the horizon, and wind speed and direction consistent for 30-40 minutes

20°

SUNRISE



Windspeed should be **above 4-5 km/h** after Sunrise to start spraying



Spraying can only occur if the operator can be certain that a surface temperature inversion is not present.

**The safest option is not to spray during this period.**

Only use XC or UC spray quality, reduce spraying speed and boom height to minimise risk of droplets remaining airborne.

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MIDDAY



**Likely to be the best conditions for spraying**



Be aware of higher evaporation risk and thermal activity after midday. Monitor plant stress.



Prepare to **STOP** all spraying if windspeeds start to drop



**CAUTION REQUIRED**  
Surface Inversion onset likely. Wind must be **above 11-12 km/h**



SUNSET



Often spraying into the early evening is possible in summer when air movement has continued to mix the air and prevent a surface temperature inversion forming.



Pay very close attention to changes in wind speed and wind direction through out the evening.

Later in the evening air movement can become too unpredictable for safe spraying.  
Often by 10-11 pm it has become unsafe.

MIDNIGHT

