

Voluntary Grain Harvesting Guide

GRAIN HARVESTING OPERATIONS TABLE

The table below calculates the average wind speed (kilometres per hour) for different temperature (degrees Celsius) and relative humidity (RH) combinations that equate to a GFDI of 35.

TEMP °C	5%	10%	15%	20%	25%	30%	40%	50%	60%	65%	RH%*
15 °C	31	35	38	40	43	45	49	53	56	58	AVERAGE WIND SPEED (KPH)
20 °C	29	33	36	38	40	43	46	50	53	55	
25 °C	27	30	33	36	38	40	44	47	50	52	
30 °C	25	28	31	33	35	37	41	44	47	49	
35 °C	23	26	28	31	33	35	38	41	44	46	
40 °C	21	24	26	28	30	32	35	39	41	43	
45 °C	19	22	24	26	28	30	33	36	39	40	
TEMP °C	5%	10%	15%	20%	25%	30%	40%	50%	60%	65%	

Annotations:
 1: Points to the 40 °C row.
 2: Points to the 15% RH column.
 3: Points to the 26 kph value at the intersection of 40 °C and 15% RH.

IT IS RECOMMENDED THAT GRAINS HARVESTING OPERATIONS CEASE WHEN THE AVERAGE WIND SPEED FOR A PARTICULAR TEMP AND RH COMBINATION IS EXCEEDED

Is the wind speed too high for me to harvest right now?

Combination example Refer to the highlighted areas on the adjacent table.

- 1 TEMP= 40°
- 2 RELATIVE HUMIDITY (RH) = 17% (Round down to 15%)
- 3 For this combination of TEMP and RH, grain harvesting operations must cease when the average wind speed is greater than 26kph.

Victorian Farmers Federation: 1300 882 833
vff.org.au

Victorian Bushfire Information Line (VBIL): 1800 240 667
cfa.vic.gov.au

Obtain wind speed details as per measuring instruments operating instructions. *RH% (Relative Humidity rounded down)

Victorian Farmers Federation and CFA would like to acknowledge South Australian Farmers Federation and South Australian Country Fire Service for their support.

