



# TEAM-3 PROCESSING TRIAL

## Recommendations to Adopt the TEAM-3 Formulae

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1957 - 2005



*Servicing the Wool Industry*

# Background

- 3 years to complete: 2001 to 2004
- Participation: 34 mills/topmakers from 12 countries
- AWTA Ltd investment: AUD\$500,000
- TEAM-3 = 647 consignments (3yrs)
- TEAM-2 = 603 consignments (7yrs)
- Trade support acknowledged
- 12 months of industry consultation



# TEAM-3 Summary



- Changes in mill processing performance since TEAM-2:
  - Longer Hauteur (5.1 mm)
  - Lower CVH (2.5 %)
  - Higher Romaine (2.1 %)
- TEAM-2 factors (SL, SS, MFD, VMB, Mid Breaks) still important for prediction.
- Influence of CVL and CVD in TEAM-3 processing prediction.

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# Recommendations



The TEAM-3 Steering Committee recommends the adoption of the TEAM-3 Formulae and their inclusion in the IWTO Staple Test Regulations as a direct replacement for the current TEAM-2 Formulae.

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# Recommendations

(1) Hauteur:

$$\text{Ha} = 0.43L + 0.35S + 1.38D - 0.15M - 0.45V - 0.59\text{CVD} - 0.32\text{CVL} + 21.8 + \text{MA}$$

(2) CV of Hauteur:

$$\text{CVHa} = 0.30L - 0.37S - 0.88D + 0.17M + 0.38\text{CVL} + 35.6 + \text{MA}$$

(3) Romaine:

$$\text{Rom} = -0.13L - 0.18S - 0.63D + 0.78V + 38.6 + \text{MA}$$



# Recommendations

Where:

**CVL = Coefficient of Variation of Staple Length (%)**

**CVD = Coefficient of Variation of Fibre Diameter (%)**

**M = Middle Breaks (%)**

**MA = Mill Adjustment Factor**

