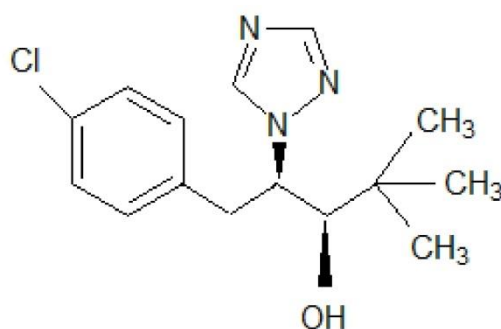


### Modulation of the initial growth of *Eucalyptus* clones using paclobutrazol: when smaller is better

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Name: 2RS, 3RS 1 4 chlorophenyl 4 4 dimethyl-2-(1H- 1,2,4-triazol-1-yl) pentan-3-ol

Chemistry group: azol

Molecular weight: 293.8

Molecular structure: C<sub>15</sub>H<sub>20</sub>ClN<sub>3</sub>O

Physical status: white solid cristalyne

Boiling point:165-166°C

Vapour pressure: 0.001 MPa (20°C)

Density:1.22m ml<sup>-1</sup>

Solubility: 26 mg L<sup>-1</sup> in water (20°C)

Hydrolysis resistant (pH4-9) an not UV photodegradable (pH 10, 10 days)

**Supplementary Fig 3.** Representative molecular structure and physicochemical characteristics of paclobutrazol. Worthing and Hance, 1991.



**Supplementary Fig. 1.** General comparative visual aspect of *E. urophylla* x *E. grandis* hybrid (AEC 1528) (a) and a spontaneous hybrid of *E. urophylla* (144 AEC) shoot (b) and roots (c) of submitted to PBZ concentrations of 0, 50, 100, 150 and 200 ppm a.i., applied via soil, at 90 days after treatment application.