

HEXAZINONE/DIURON FORMULATION - A NEW HERBICIDE FOR SUGARCANE  
AND PINEAPPLE

L. ARENDS

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A pre-formulated herbicide combination<sup>1</sup> containing 13.2% hexazinone and 46.8% diuron was the most effective treatment overall in an extensive four year experimental programme in which hexazinone, diuron and combinations of both herbicides were evaluated in sugarcane and pineapple.

A wide range of broadleaved weeds, vines and grasses was controlled by this product. The optimum rate for sugarcane was 2.5 kg ha<sup>-1</sup> (= hexazinone/diuron 0.55/1.95 kg ha<sup>-1</sup>) and for pineapple 3.6 kg ha<sup>-1</sup> (= hexazinone/diuron 0.8/2.8 kg ha<sup>-1</sup>).

Tolerance of hexazinone sensitive varieties of sugarcane is greatest if application is delayed until after shoot/root establishment for plant canes or when applied in ratoon canes. In hexazinone tolerant varieties, applications may be made at planting.

Pineapple tolerance is restricted to the period between planting and root strike.

<sup>1</sup> Trade name Velpar K4.