

DROUGHT TOLERANCE IN WINTER OILSEED RAPE

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In spite of economical importance and worldwide distribution, there are few studies of drought resistance in the species Brassica napus v. oleifera. Genetic variability of drought tolerance indicators that might be used as selection criteria in a breeding program are investigated in winter oilseed rape, cultivated under experimental controlled conditions (microphytotron), during the vegetative phase of growth: growth characteristics, water relations and metabolic changes, as related to the specific drought adaptive morphogenesis (drought rhizogenesis¹⁾.

¹ BALESTRINI S. et VARTANIAN N. 1983. Rhizogenic activity under water stress-induced senescence in Brassica napus v. oleifera. Physiol. vég., 21 (2), 269-77.