Influence of Spacing on Seed Yield and Quality of Hedge Lucerne (*Desmanthus Virgatus*)

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Abstract

The experiment was conducted at Chainat Animal Nutrition Research Center during March 1991 - June 1992 to study effect of spacing on seed yield and seed quality of Hedge Lucerne. Treatments were arranged in 3x3 Factorial in Randomized Complete Block Design with 4 replications consisted of 100, 150 and 200 cm. row spacings and 50, 75 and 100 cm. width spacings.

Seed yield were not significantly different among treatments averaging 155 kg/rai. Spacing was not affected on seed quality of *D. virgatus*. The average 1,000 seeds weight was 3.224 gm and the average percentage of seed purity, seed viability, PLS and seed germination were 98.86, 95.03, 40.17 and 40.67 respectively.

Seed harvesting was difficult in all spacings because branches were high and disorder.

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