

**EFFECT OF DRYING CONDITIONS
OF DEHYDRATED LUCERNE ON GROWTH PERFORMANCES
OF RABBITS RECEIVING DIETS CONTAINING LUCERNE**

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In 1972, 18 different adjustments of the lucerne dehydrating machine have been attempted. They correspond to the factorial combination of 3 factors : the temperature of the air at the inlet (1 050°-850°-650°) and at the outlet (140°-125°-110°) as well as the rotation rate of the roller (2.8 and 4.8 tr/mm). Seven of the lots of lucerne obtained in this way were used to prepare a diet containing 65 p. 100 lucerne, 32 p. 100 maize and 3 p. 100 minerals and vitamins. Growth performances of rabbits fed these 7 diets were all the better as the outlet temperature of the lucerne dehydrater was low. Neither the inlet temperature nor the rotation rate of the roller seemed to have any striking effect. Comparison of the results obtained with the animals and the chemical analyses of the different lots of lucerne showed that a simultaneous alteration of proteins and carbohydrates was observed in the lots being the least used by the rabbits.

**EFFECT OF A LYSINE ADDITION
TO SESAME OIL-MEAL DIETS IN THE RABBIT**

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In the rabbit, supplementation of a diet containing 15 p. 100 sesame proteins by increasing doses of L-lysine (0-0.225-0.450-0.675-0.900 p. 100) brought about a high improvement of the weight gain and, at a lower scale, of the conversion ratio. The best performances were obtained