

BEHAVIOR OF WHITE AND BLUE LUPINE VARIETIES IN PEDOCLIMATIC CONDITIONS OF THE A.R.D.S. SECUIENI

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Abstract

Lupine is a source of protein as well as dietary fiber. Lupine seeds are an excellent meat substitute for people who adopt a vegetarian lifestyle and have significant cholesterol-lowering properties, contributing greatly to cardiovascular health. Taking into account the growing interest, in recent years, for this crop, within A.R.D.S. Secuieni was followed the behavior of six varieties of lupine (3 varieties of white lupine and 3 varieties of blue lupine) in the pedoclimatic conditions in Central of Moldavia. In the first year of testing lupine culture, compared to the yield recorded by the control (average experience - 2736 kg/ha), very significant yield increases were recorded for the varieties Wars (3063 kg/ha) and Dieta (4050 kg /Ha). In the second year of testing, only one variety obtained a control higher yield of 2519 kg/ha (Medi). On average, in the two years of testing, lupine yield varied from 2138 kg / ha obtained by the Menhit variety (blue lupine) to 3205 kg/ha at the Dieta variety (white lupine).

Key words: white and blue lupine, pedoclimatic conditions, yield