RI-DOMESTICATION OF BLUE LUPINE (LUPINUS ANGUSTIFOLIUS)
ADAPTED TO CULTIVATION IN ITALIAN SUB ACID SOILS

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*Lupinus angustifolius* L. (blue lupine) is a wild Mediterranean species growing profusely in acid and sub acid, sandy or volcanic soils, particularly of Tyrrhenian coastal areas of Italy. These wild types are also well adapted to poor, marginal soils, often used only as pastures for ruminants.

A breeding programme has been developed to select domesticated lines by transferring domestication characters present in cultivars bred in Australia and Poland into three Italian wild selections, highly adapted to central and south Italy pedoclimatic conditions and highly productive. Crosses were made and selection performed for the several domestication genetic characters desired. Results of the research, related to potential sweet seed production in intensive cultivation and to the main domestication characteristics of the new selections, are reported.