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Use of Lotus in Uruguay: About the only species of the genus Lotus grown in Uruguay is Lotus corniculatus. This species is used mainly in mixtures with grasses and other legumes for grazing. It is used pure only by a few dairy establishments. The producers prefer Lotus because it does not present problems of bloat.

Lotus corniculatus is easily adaptable to different soils and is distributed throughout the country where artificial pastures are cultivated. It is preferred to other foreign legume species because it is persistent. A lack of precocity has also been noted in this species.

With respect to the contribution of Nitrogen, our studies have placed Lotus corniculatus below annual Medicagos (M. hispida) and white clover (Trifolium repens).

Research studies carried out: Gardner, A. L., Centeno, G. A., De Lucia, G. R., Alburquerque, H. Comportamiento de once variedades de Lotus corniculatus en La Estanzuela (Behavior of eleven varieties of Lotus corniculatus at La Estanzuela). Boletín Técnico No. 3, July 1968.

Summary: Eleven varieties of Lotus corniculatus were compared under two types of management in small plot trials: (a) Plants cut at 12 cm, and (b) plants cut at 24 cm.

Management (a) showed only small insignificant differences between

varieties. Management (b) showed that varieties Mugello, Cascade, Stirpe 9 and Tava are the most productive and under management (b) yield was superior to that under management (a). The most productive varieties proved to be those grown in autumn and spring.

Forage production at the end of winter and early flowering in spring were associated.

Work under Progress: The Centro de Investigaciones Agricolas "Alberto Boerger" has installed this year an introduction garden for legumes including Lotus corniculatus. Simultaneously the Centro has distributed regional projects throughout the country which contain introduction gardens and forage mixture trials in order to determine regional behavior of this species.

We will appreciate receiving samples of any materials you might consider of interest to our Institution and will gladly send you any other information you may require.