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At present I am still initiating trials on legume establishment and evaluation of potential material on our hill country research area, Ballantrae, in the Southern Ruahine ranges to the east of Palmerston North. I am also preparing results of my Scottish Lotus trials for publication--"The potential value of birdsfoot trefoil for the improvement of natural pastures in Scotland. 2. Marsh birdsfoot trefoil (L. uliginosus L.)"--is in press and a third paper on herbage quality of Lotus is in preparation, also for the J. British Grassld. Soc.

My research programme here is involving the comparison of indigenous Lotus uliginosus with Grasslands Maku (the induced tetraploid, formerly 4705) and 4712 (a new hybrid between L. uliginosus and L. corniculatus which has already shown promise elsewhere in New Zealand), as spaced plants inserted into an Agrostis sward after burning by means of a propane gas burner to check the sward temporarily. The plants will be assessed for growth, persistence, yield and quality under a grazing management involving close defoliation by sheep.

Future plans include a detailed assessment of the potential of L. corniculatus under sheep grazing management systems on the dry summer, hill country areas of North Island. In connection with this I am trying to locate selections of this species which would persist under grazing regimes and would greatly appreciate seed samples of same from any of your contacts.\* Evaluation of Lotus in other areas of New Zealand is being undertaken by our Lotus breeder, M.D. Ross.

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\*Editor's Note: Please send seed to Dr. Charlton which you consider appropriate.