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- . Seedling vigor studies: Objective: the development of varieties with improved seedling vigor. The program includes: (i) a study of selection methods, (ii) a recurrent selection project, (iii) a study of the relationship between seedling vigor and forage yield.
- . Seedling selection: Objective: to develop means of detecting in the seedling stage those individuals which will develop into superior adults.
- . Recurrent selection for seed yield: Objective: to develop strains with better seed production capacity. A graduate student is currently exploring the potentialities of the ecotype typified by Leo.
- . Strain trial management: A study of the effect on variety ranking caused by variation in height and time of cutting.
- . Variation in growth habit: A study of secondary and aftermath growth patterns and their relation to hay and pasture potentialities.
- . Protein studies: A study among clones of variation in protein content and in rate of change of protein with time.
- . Interspecific crosses: The program involves crossing L. corniculatus with L. pedunculatus with the hope of developing vigorous hybrids that will creep, be tolerant of poor drainage, and be hardy.