

LOTUS ACTIVITIES

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INTERSPECIFIC HYBRIDIZATION IN Lotus

TABLE I

Green matter weight, dry matter and protein content of the first cut of Lotus hybrids from the F<sub>3</sub> generation [Lotus corniculatus X Lotus uliginosus (4x)] 1974.

Origin of plants investigated	Green matter weight Average for 1 plot (kg)	Dry matter content (%)	Protein content (%)
F <sub>3</sub> /1	8,13	20,7	17,1
F <sub>3</sub> /2	8,03	18,9	17,0
F <sub>3</sub> /3	7,88	22,7	17,5
F <sub>3</sub> /4	7,70	21,8	17,6
<u>Lotus corniculatus</u> "Bursztyn"	7,98	21,3	16,8
<u>Lotus uliginosus</u>	7,13	22,3	16,9
Canadian <u>Lotus corniculatus</u>	10,70	19,7	17,1

A paper dealing with the statistical analysis of these data and for the second cut is being prepared. Seed yield will be included also. It is expected that the statistical analysis will enable us to draw conclusions as to the most valuable individuals and indicate our approach for forage improvement.