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Our research on Seed Production of Birdsfoot Trefoil (Lotus corniculatus) has been strengthened with a grant from the USDA. The major areas of interest are -

1. Strain and variety testing for seed production in Minnesota. 24 Strains were seeded in 1978 and will be harvested for seed yields in 1979. Strains differ for date of bloom, and winter injury.
2. Volunteer seedling and weed control in production stands. We are looking at a number of chemicals and/or cultivation of established stands. Past information suggests that Simazine and/or Diuron would be possibilities. None are cleared.
3. Harvesting and handling of seed mass after harvest. We have done limited work with desiccation, swathing and prompt combining. We have material to harvest in 1979 and we plan to collect data on moisture, shattering, and percent of seed available which was harvested. We have used Dinitro + oil in water, Paraquat and Diquat. Only Dinitro + oil is presently labeled for this prupose.

Similar but more limited work is underway with Red Clover and Crownvetch. This too is supported by the USDA grant. Dr. Donald Wyse is cooperating on the work where herbicides are studied.