

RESTORATION OF DEGRADED TALL FORB COMMUNITIES

Caribou-Targhee National Forest

National Fire Plan – Restoration/Rehabilitation of Burned Areas EBLI (NFN3)

2006 Accomplishments

The Montpelier Ranger District was funded to restore 5 acres of degraded tall forb plant communities by planting forb seedlings in clusters (approx. 2000 transplants per acre) in micro-sites that show the best chances for survival. The project represents the continuation of an existing project/study on the Caribou NF that we have been conducting in cooperation with the Rocky Mountain Research Station (Stephen Monsen, retired) for at least six years, and Utah State University for the last three years. Trial plantings have demonstrated that establishment success is dependent upon the use of site-adapted ecotypes and the species planted.

Site preparation and fencing occurred on three exclosures within Paris Flat and Green Basin. The following seeds are at Lucky Peak Nursery with the intent to be sowed this spring: mountain brome, slender wheatgrass, onion grass, needlegrass, horsemint, yarrow, sticky geranium, groundsel (two species), lupine (two species), tall larkspur, showy fleabane, single flower sunflower, aster (2 species), lovage, golden eye, and sweet-cicely. Data analysis is also occurring on the Franklin Basin experimental plots dataset for future presentations.



Green Basin's fenced exclosure-2006



Franklin Basin's experimental plots - 2006

2006 Awarded
2008 Project completion
Report number 1 of 3

Expenditures:

- FY06 funding \$28,000,
- Expend. \$15,000 (includes money obligated to Lucky Peak Nursery)
- \$13,000 remaining

Partners/Contractors/Coop:

- Lucky Peak Nursery,
- Stephen Monsen,
- Livestock Permittees,
- USU graduate student

Contact Person & phone number:

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