

# Example of Project Plan (5000)

(May 1988)

## **PROJECT TITLE**

Suitability of plastic screens for seed spot protection.

## **PROBLEM**

One of the most important causes of failure in direct seeding is the destruction of seed by rodents. If a cheap method to protect seed spots from rodent activity can be found, many unstocked areas might be restocked by direct seeding methods.

This experiment is designed to test the practicability and use of inexpensive plastic screen strawberry baskets to protect seed from rodents.

## **LAYOUT**

Zone IV Jeffrey pine seed will be sown in 1500 seed spots in a cleared area near the Shingle Camp (Sec. 3, T3N, R4W). This area is believed to contain a heavy population of seed-eating animals. Seed will be spot-sown at the rate of 5 seeds per spot in late October. Three treatments of alternating rows of seed spots will be used.

1. No screen or protection (500 spots).
2. Wire screen protectors (500 spots).
3. Plastic screen protectors (500 spots).

Each unprotected and plastic-screened seed spot will be staked. The wire screen will mark the wire spots. A record will be kept of the treatment given each row. Measurements of the germination and survival of the seed and resulting seedlings should indicate whether plastic screens are a practicable protection from seed destroying agents.

## **WORK PLAN**

Seed from state nursery. Inmate labor for seeding and screen manufacture (8 days). Forest personnel for supervision, checking, and write-up: 1958-2 days; 1959-4 days; 1960-3 days; 1961-3 days (total: 12 days). Plastic screens a gift. Area has already been cleared. Expenditures necessary can be handled from regular operating budgets. Project will be cost accounted.

## **TIME SCHEDULE**

(Approve project by July 1, 1958, to follow this schedule.)

|                        |  |
|------------------------|--|
| October, 1958          | Sow Seed   |
| May/June, 1959         | Determine germination for each treatment   |
| October/November, 1959 | Determine first year survival for each treatment and remove screens if necessary |
| February, 1960         | Progress Report  |
| October-November, 1960 | Determine second year survival   |
| February, 1961         | Final Report   |

## **BIBLIOGRAPHY**

"Use of Wire Screens to Protect Seed Spots" - John Doe - 1947

"Plastic Strawberry Cartons" - Red Grid - 1956

"Direct Seeding - Answer to a Forester's Prayer" – Journal of Forestry 1928.

Respectfully submitted,

\_\_\_\_\_ Name, title  
\_\_\_\_\_ Date

## **STAFF RECOMMENDATIONS:**

Modifications, recommendations and approval ordinarily will be handled by letter correspondence from various levels.

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