UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MT-ECS-342
10/2004

**NATURAL RESOURCES CONSERVATION SERVICE**

# CRITICAL AREA PLANTING (ACRE)

## CODE 342

### MONTANA CONSERVATION PRACTICE JOB SHEET

| LANDOWNER/OPERATOR | FIELD NUMBER | TRACT | CTU |
|---|---|---|---|

| PLANNER | JOB APPROVAL AUTHORITY | DATE |
|---|---|---|

## DEFINITION

Critical Area Planting is the establishment of permanent vegetation on sites that have or are expected to have high erosion rates, and on sites that have physical, chemical or biological conditions that prevent the establishment of vegetation with normal practices.

## PURPOSE

1. To stabilize areas with existing or expected high rates of soil erosion by water.
2. To stabilize areas with existing or expected high rates of soil erosion by wind.
3. Restore degraded sites that cannot be stabilized through normal methods.

## MANAGEMENT RECOMMENDATIONS

The need for critical area planting is based on the potential for erosion and the potential benefits established vegetation can provide toward reducing wind and water erosion or sedimentation. Critical area planting is typically implemented in conjunction with other conservation practices applied as a system to mediate excessive soil loss.

Management of this planting during establishment will be in accordance with the following provisions:

Weed control. _____

Grazing. _____

Haying. _____

Other. _____

## RESOURCE CONCERN

- ☐ Stabilize areas with existing or expected high water erosion.
- ☐ Stabilize areas with existing or expected high wind erosion by wind.
- ☐ Restore degraded sites that cannot be stabilized through normal methods.

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# CRITICAL AREA PLANTING JOBSHEET

## PLANNED SEEDING

| PLANT SPECIES (1) | lbs. PLS/acre (FOR PURE STAND) (2) | PERCENT OF MIXTURE (3) | PLS/acre NEEDED IN MIXTURE (lbs. ) (COL. 2 X COL. 3) (4) | ACRE(S) TO BE SEEDED (5) | TOTAL PLS NEEDED (lbs.) (COL. 4 X COL. 5) (6) |
|---|---|---|---|---|---|
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| NATURAL RESOURCES CONSERVATION SERVICE | DATE | PRODUCER | DATE |
|---|---|---|---|
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## CERTIFICATION

| PLANT SPECIES (a) | ACRE(S) PLANTED (b) | BULK lbs. PLANTED (c) | FROM SEED TAG % PURE (d) | FROM SEED TAG % GERM. (e) | TOTAL PLS PLANTED (lbs.) (COL. c X COL. d X COL. e) (f) | % PLANTED VS PLANTED PLS (COL. f / COL. 6) (g) |
|---|---|---|---|---|---|---|
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# CRITICAL AREA PLANTING JOBSHEET/CERTIFICATION

## Critical Area Recommendations

### SEEDBED PREPARATION

### FERTILIZATION

Nitrogen fertilizer is not normally recommended; however, if soil analysis shows, a severe deficit a light rate may be applied prior to seeding.

Nitrogen: _____lbs./acre

Phosphorus: _____lbs./acre

Potassium: _____lbs./acre

Timing:_____

Application method:_____

### SEEDING METHODS AND SEED PLACEMENT

### TIME OF SEEDING

## Critical Area Certification

### SEEDBED PREPARATION

### FERTILIZATION

Nitrogen fertilizer is not normally recommended; however, if soil analysis shows, a severe deficit a light rate may be applied prior to seeding.

Nitrogen: _____lbs./acre

Phosphorus: _____lbs./acre

Potassium: _____lbs./acre

Timing:_____

Application method:_____

### SEEDING METHODS AND SEED PLACEMENT

### TIME OF SEEDING

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# CRITICAL AREA PLANTING JOBSHEET/CERTIFICATION

## Critical Area Recommendations CONTINUED

**MULCHING**

**SODDING**

**MANAGEMENT**

## Critical Area Certification CONTINUED

**MULCHING**

**SODDING**

**MANAGEMENT**

**APPROVALS:**

_____
PLANNER

_____ _____
JOB APPROVAL AUTHORITY DATE

_____
PRODUCER

_____
DATE

**CERTIFICATION STATEMENT:**

I hereby certify that this practice has been installed in accordance with NRCS standards and specifications.

_____
PLANNER

_____ _____
JOB APPROVAL AUTHORITY DATE

_____
PRODUCER

_____
DATE