

WALLOWA-WHITMAN  
SPECIAL PROJECT SPECIFICATION (2/06)

T-841F VEGETATION ESTABLISHMENT

841.01 Description

This work consists of applying seed, fertilizer, mulch, and planting containerized or bare root plant stock singularly or in specified combinations to roadways and disposal areas. Work area may be limited to designated portions of the roadway and roadside or include treatment of the entire area bounded by the outer limits of the roadsides.

841.02 Materials and Application Rates

Provide the following listed materials:

A. Fertilizer: Fertilizer shall be a standard commercial grade and provide the minimum percentage of available nutrients designated.

% Nitrogen      % Phosphorus      % Potassium      % Sulfur

Furnish fertilizer in sealed containers with the composition, weight, and guaranteed analysis of contents clearly marked. Apply at the rate of \_\_\_kilograms (pounds) per hectare (acre).

B. Seed:

1. This work consists of furnishing and placing required seed mix on all areas disturbed under this contract and on any other areas specified.

2. Apply the seed in the following amounts and mixtures:

<u>Species</u>	<u>Application</u> _____ <u>Rate</u>
	(Kilograms/Hectare) (Pounds/Acre)

3. Use hand-operated seeding devices, or other devices approved by the Government, to apply seed.

4. Furnish weed-free seed, with additional requirement that no seed containing any prohibited noxious weed seed, or any restricted noxious weed seed in excess of current state standards, for those weeds as defined in the current publication commonly referred to as the "All States Noxious Weed List" while the standards for prohibited and restricted noxious weeds are to be found in the appropriate state law or regulations.

Furnish seed separately or in mixture in standard containers with (1) seed name; (2) lot number; (3) net weight; (4) percentages of purity and of germination (in case of legumes, percentage of germination to include hard seed), and (5) percentage of maximum weed seed content clearly marked for each kind of seed; (6) certification that the seed lot meets applicable State and Federal laws with regard to prohibited and restricted noxious weeds clearly marked for each kind of seed. Furnish the Government duplicate signed copies of a certificate signed by a Registered Seed Technologist or Seed Analyst (certified through either the Association of Official Seed Analysts or the Society of Commercial Seed Technologists) certifying that each lot of seed has been tested in accordance with the Association of Official Seed Analysts standards within 12 months prior to the date of application. This certification shall include (1) name and address of laboratory, (2) date of test, (3) lot number for each kind of seed, (4) name of seed, (5) percentage of germination, (6) percentage of purity, (7) percentage of weed content, (8) certification that the seed lot meets applicable State and Federal laws with regard to prohibited and restricted noxious weeds, and (9) in the case of a mixture, the proportions of each kind of seed. Legume seed shall be inoculated with approved cultures in accordance with the instructions of the manufacturer. No seed may be applied without prior written approval.

C. Mulch: Apply mulch materials as follows:

Mulch Type

Application Rate

D. Plant Stock: Furnish the following listed plant materials:

Stock

Size

Bare Root

Containerized

## 841.03 Schedules and Applications

### A. Schedule

1. Seeding may not be done until all other ground-disturbing work on the road has been completed and accepted. Complete seeding as soon as other ground-disturbing work is accepted, unless a specific seeding season is listed below.

Seeding season: \_\_\_\_\_ to \_\_\_\_\_.

2. Do not apply the treatment when the ground is frozen or excessively wet. Terminate application during periods when there is too much wind to allow consistent treatment rates and control of the treatment area to the designated limits.

### B. Roadside and Slope Treatment

1. Roadsides will not require advance preparation unless required in C(T) 5.31#.

2. Apply the designated treatment by hand operated machine, unless otherwise agreed to by the Forest Service.

3. Treat the roadbed and/or slopes as shown in C(T)5.31#.

### C. Roadbed Treatment

1. Scarify portions of the roadbed not previously disturbed and left loose , when specified in writing by the Forest Service, to a minimum depth of 100 mm (4 inches) unless bedrock is encountered at a lesser depth. The maximum distance between furrows formed by scarification is 300 mm (12 inches).

2. Treat barrier mounds placed under Section T-839F while in a roughened condition.

#### D. Planting

1. Plant designated woody plant materials at the staked locations or designated spacings.
2. Place containerized plant stock in an appropriately sized hole formed by a dibble or other device to place the roots at the proper depth.
3. Place bare root plant stock in a slotted cut formed by a mattocks, pulaski, or other edged tool. Place the crown at ground level. Do not bend or break the roots.
4. Compress the area adjacent to the hole by foot or special tool to form a depression up and down slope from the stem and force the soil against the container or roots with no air voids.
5. Hold the plantings firmly in place by the soil. When checked by pulling upward on the top 13 mm (½ inch) of the plant stem, the planting shall either break at the hold point or the area compressed against the roots show evidence of movement. Remove and replace with fresh stock plantings that are not held firmly by the soil.

#### 841.04 Government Provided Materials

The Government will provide the following listed materials. At least ten (10) calendar days notice must be given to the government prior to actual date material will be picked up.

##### **Native Seed**

Materials will be provided at: **Forest Service compound, Enterprise, or other agreed location.**