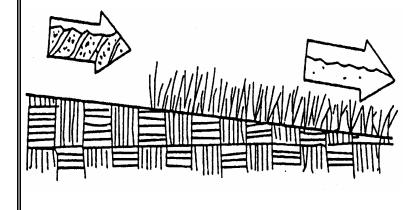
BMP: Seeding and Planting



OBJECTIVES

Housekeeping Practices Contain Waste Minimize Disturbed Areas Stabilize Disturbed Areas ☑ Protect Slopes/Channels Control Site Perimeter Control Internal Erosion

DESCRIPTION:

Seeding of grass and plantings of trees, shrubs, vines and ground covers provide long-term stabilization of soil. In some areas, with suitable climates, grasses can be planted for temporary stabilization.

APPLICATION:

- Appropriate for site stabilization both during construction and post-construction. Any graded/cleared areas where construction activities have ceased. Open space cut and fill areas.
- Steep slopes, spoil piles, vegetated swales, landscape corridors, stream banks.

INSTALLATION/APPLICATION CRITERIA:

Type of vegetation, site and seedbed preparation, planting time, fertilization and water requirements should be considered for each application.

- Grasses: Ground preparation: fertilize and mechanically stabilize the soil.
- Tolerant of short-term temperature extremes and waterlogged soil composition. Appropriate soil conditions: shallow soil base, good drainage, slope 2:1 or flatter.
- ► Mowing, irrigating, and fertilizing are vital for promoting vigorous grass growth. <u>Trees and Shrubs</u>:
- Selection criteria: vigor, species, size, shape & wildlife food source.
- Soil conditions: select species appropriate for soil, drainage & acidity. Other factors: wind/exposure, temperature extremes, and irrigation needs. •
- Vines and Ground Covers
- Ground preparation: lime and fertilizer preparation.
- Use proper seeding rates.
- Appropriate soil conditions: drainage, acidity and slopes.
- Generally avoid species requiring irrigation.

LIMITATIONS:

- Permanent and temporary vegetation may not be appropriate in dry periods without irrigation.
- Fertilizer requirements may have potential to create storm water pollution.

MAINTENANCE:

- Shrubs and trees must be adequately watered and fertilized and if needed
- Grasses may need to be watered and mowed.



PIONEERING UTAH'S FUTURE

ADAPTED FROM SALT LAKE COUNTY BMP FACT SHEET

TARGETED POLLUTANTS

- Sediment
- ☑ Nutrients
- ☑ Toxic Materials
- □ Oil & Grease
- Floatable Materials
- □ Other Waste
 - **High Impact**
 - × Medium Impact
 - □ Low or Unknown Impact

IMPLEMENTATION REQUIREMENTS

⊠ Capital Costs ⊠ O&M Costs ☑ Maintenance □ Training

■ High 🗷 Medium 🗆 Low

SP