

**Ds1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)**

APPLY PLANT RESIDUES OR OTHER SUITABLE MATERIALS, PRODUCED ON SITE IF POSSIBLE, TO THE SOIL SURFACE. MULCH SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF DISTURBANCE.

TEMPORARY VEGETATION MAY BE EMPLOYED INSTEAD OF MULCH IF AREA WILL REMAIN UNDISTURBED FOR LESS THAN SIX MONTHS. IF AN AREA IS EXPECTED TO BE DISTURBED LONGER THAN SIX MONTHS, PERMANENT PERENNIAL VEGETATION SHALL BE USED.

**SITE PREPARATION**  
GRADING AND SHAPING  
INSTALL EROSION CONTROL MEASURES  
LOOSEN COMPACT SOIL TO MIN. DEPTH OF 3"

**SEEDING MATERIALS**  
1) DRY STRAW - 4" TO 12" DEPTH PROVIDING COMPLETE SOIL COVERAGE  
\* SHALL BE APPLIED UNIFORMITY BY HAND OR BY MECHANICAL EQUIPMENT 2.5 TONS/AC  
2) WOOD WASTE - 2" TO 3" DEPTH OF ORGANIC MATERIAL FROM CLEARING  
\* SPACE SHOULD REMAIN ON SITE, BE CHIPPED, AND APPLIED AS MULCH 1/8 TON/AC  
\* IF AREA EVENTUALLY TO BE COVERED WITH PERENNIAL VEGETATION, DOUBLE OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED  
3) CUTBACK ASPHALT - APPLIED AT 100 GAL PER ACRE  
\* SHALL BE APPLIED UNIFORMITY  
4) POLYETHYLENE FILM - SECURED OVER BANKS OR STOCKPILED MATERIAL FOR TEMPORARY PROTECTION TO COMPLETELY COVER, SECURE WITH SOIL ANCHORS, WEIGHTS IN ACCORDANCE WITH MANUAL DIRECTIONS.

**Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)**

ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.  
UP TO 12 MONTHS OR UNTIL ESTABLISHMENT OF FINISHED GRADE OR PERMANENT VEGETATION

**SITE PREPARATION**  
GRADING AND SHAPING  
SEEDBED PREPARATION  
APPLY LIME AND FERTILIZER  
APPLY SEEDING, SELECT SPECIES BY SEASON AND REGION  
\* APPLY MULCH AT RATE OF 2 1/2 TONS PER ACRE  
IRRIGATE IF NEEDED BUT NOT AT RATE TO CAUSE EROSION

SPECIES	RATE PER 1000 S.F.	RATE PER ACRE	PLANTING DATES (PREDECIANT)
RYE	3 lbs.	2.3 bu.	9/1-10/31
RYEGRASS	1 lb.	40-60 lbs.	8/15-1/1
RYE AND ANNUAL LESPEDEZA	1.5 lb.	1-1.5 bu.	3/1-4/1
WHEATGRASS	0.2 lb.	4-6 bu.	3/1-5/15
BUDONGRASS	1 lb.	35-45 bu.	4/1-7/15
BROWN TOP MILLET	1 lb.	30-40 bu.	4/1-7/15
WHEAT	3 lbs.	2.3 bu.	10/15-1/1

**Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)**

ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOO, OR LEGUMES ON DISTURBED AREAS. APPLICABLE TO HIGH EROSION/SEVERELY ERODED AREAS (CORTICAL AREAS) SUCH AS:  
CUT/FILL SLOPES  
EARTHEN BULLWATS  
BORROW AREAS  
CHANNEL BANKS  
ROADSIDES  
ROADS  
SOIL AREAS  
GULLIED LANDS

GRADING AND SHAPING REQUIRED WHERE FEASIBLE AND PRACTICAL  
SEEDBED PREPARATION  
NOT REQUIRED IF USING HYDRALIC SEEDING AND FERTILIZING WHEN REQUIRED:  
SLOPE  
SLOPE FLATTER - 4" OR GREATER IN DEPTH  
2:1 TO 3:1 - 1" TO 4" DEEP  
SLOPE STEEPER - DISSEMINATIONS EVERY 9" IF WITH HAND TOOL  
HAVE SOIL ANALYZED FOR LIME AND FERTILIZER RATE  
MULCH ALL SLOPES STEEPER THAN 2% AND IN BOTTOM OF SPILLWAYS AND ON ROADWAYS  
\* APPLY MULCH AT RATE OF 2 1/2 TONS PER ACRE

**Ds3 PLANTING DATES AND SEEDING RATES**

PLANTING DATE	SEEDING RATE	SEEDING RATE	SEEDING RATE
9/1-10/31	3 lbs./1000 S.F.	2.3 bu./acre	9/1-10/31
8/15-1/1	1 lb./acre	40-60 lbs./acre	8/15-1/1
3/1-4/1	1.5 lb./acre	1-1.5 bu./acre	3/1-4/1
3/1-5/15	0.2 lb./acre	4-6 bu./acre	3/1-5/15
4/1-7/15	1 lb./acre	35-45 bu./acre	4/1-7/15
4/1-7/15	1 lb./acre	30-40 bu./acre	4/1-7/15
10/15-1/1	3 lbs./1000 S.F.	2.3 bu./acre	10/15-1/1

**LIME RATES**  
Agricultural lime is required at the rate of one ton per two acres unless soil tests indicate otherwise. Correct rates require lime application. If lime is applied within six months of planting permanent perennial vegetation, additional lime is not required. Agricultural lime shall be with the specifications of the Georgia Department of Agriculture.  
Lime applied by conventional equipment shall be "ground limestone". Ground limestone is calcareous limestone ground to pass 20 percent of the material will pass through a 10-mesh sieve, not less than 100 percent will pass through a 20-mesh sieve and not less than 25 percent will pass through a 40-mesh sieve.  
Fast-setting lime applied by hydraulic seeding equipment should be "Trag ground limestone" separating from the 100-mesh sieve to the 20-mesh sieve. Fine ground limestone is a calcareous limestone ground to pass 20 percent of the material will pass through a 10-mesh sieve. It is identical to one certified limestone in the Sand Hills, Southern Coastal Plain and Atlantic Coastal Ranges of Georgia. (See Figure 6.4.1) Agricultural lime is generally not required where only trees are planted.  
Soil fertilization, nitrogen, potassium, and material fertilization requirements for seed cover materials will require lime to meet soil pH or other requirements as listed in Table E-1-1

**Wo Concrete Truck Washout**

NO concrete trucks are to be allowed to wash out or discharge outside concrete or drum wash water onto the washing of ready-mix concrete trucks & dump truck bodies used in the delivery of portland cement concrete. In accordance with 801 Spc. 101, all concrete trucks are to be washed at the site. The washing of concrete trucks shall be done in a manner that will prevent the concrete wash water from being discharged into any water body. The contractor shall ensure a pit outside of the wash water outlet, at least 20 feet from any storm drain or outside of the travel way, for a washout area. The pit shall be large enough to store a wash-water volume without overflowing the pit. Immediately after the wash-water operations are completed and the wash-water has been stored in the ground, the pit shall be filled to, and ground above shall be graded to restore the character of the undisturbed area. Alternative wash-water plans must be approved by the Project Engineer.

Notes:  
(1) The pit is located away from a storm drain, stream, or river.  
(2) The pit is located in the vicinity of the wash-out area.  
(3) The pit has enough volume for wash-water volume.  
(4) The pit has a cover to prevent access to the site for wash-water.  
On some sites, you may not have permission or access to a location which allows for a wash-out pit. In those cases, the Contractor may have to wash-down into a stream or other water body and keep the contractor responsible for the contractor's discharge. For additional information, refer to the Georgia Environmental Assessment. A Guide for Ready Mix Concrete Wash-Down.

