

MATERIAL	DEPTH
DRY STRAW OR HAY	2" TO 4"
WOOD WASTE (SAWDUST, BARK, CHIPS)	2" TO 3"
CUTBACK ASPHALT (SLOW CURING)	1200 GAL. / ACRE (1/4 GAL. / SQ.YD.)
BLACK POLYETHYLENE FILM	COMPLETELY COVER AREA; HOLD IN PLACE WITH SOIL ON OUTER EDGE

**Ds1 MULCHING**

**PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS**

SPECIES	RATES PER 1,000 SQ. FT.	RATES PER ACRE	PLANTING DATES BY REGION		
			M-L	P	C
BARLEY	3.3 LBS.	3 BU.	9/1-10/31	9/15-11/15	10/1-12/31
OATS	2.9 LBS.	4 BU.	9/15-11/15	9/15-11/15	9/15-11/15
TRITICALE	3.3 LBS.	3 BU.			10/15-12/15
RYEGRASS, ANNUAL	0.9 LBS.	40 LBS.	3/15-11/15	9/15-12/31	9/15-12/31
RYE LESPEDEZA, ANNUAL	0.6 LBS.	0.5 BU.	9/15-10/31	9/15-11/30	10/1-12/31
WEEDING LOVEGRASS	0.1 LBS.	4 LBS.	3/1-3/31	3/1-3/31	2/1-2/28
SUDANGRASS	1.4 LBS.	60 LBS.	4/1-8/31	4/1-8/31	3/1-7/31
MILLET, BROWNTOP	0.9 LBS.	40 LBS.	4/15-6/15	4/15-6/30	4/15-6/30
MILLET, PEARL	1.1 LBS.	50 LBS.	5/15-7/15	5/1-7/31	4/15-8/15
WHEAT	4.1 LBS.	3 BU.	9/15-11/30	10/1-12/15	10/15-12/31

1. TEMPORARY COVER CROPS ARE VERY COMPETITIVE AND WILL CROWN OUT PERENNIALS IF PLANTED TOO HEAVILY.  
2. REDUCE SEEDING RATES BY 50% WHEN DRILLED.  
3. UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIER SEEDING RATES.  
4. SEEDING RATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.

M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES & VALLEYS MLRAS.  
P REPRESENTS THE SOUTHERN PIEDMONT REGION MLRA.  
C REPRESENTS THE SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRAS.

**FERTILIZER REQUIREMENTS FOR TEMPORARY VEGETATION**

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)
COOL SEASON GRASSES	FIRST	6-12-12	1500	50-100
	SECOND MAINTENANCE	6-12-12	400	30
COOL SEASON GRASSES & LEGUMES	FIRST	6-12-12	1500	0-50
	SECOND MAINTENANCE	0-10-10	1000	-
TEMPORARY COVER CROPS	FIRST	10-10-10	500	30
	SEEDING ALONE	6-12-12	1500	50-100
WARM SEASON GRASSES	FIRST	6-12-12	800	50-100
	SECOND MAINTENANCE	10-10-10	400	30

**Ds2 TEMPORARY GRASSING**

**TEMPORARY METHODS:**  
MULCHES - REFER TO Ds1 (DISTURBED AREA STABILIZATION)  
VEGETATIVE COVER - REFER TO Ds2 (DISTURBED AREA STABILIZATION WITH TEMPORARY SEEDING)  
TILLAGE - ROUGHEN AND BRING CLODS TO THE SURFACE BY USE OF CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART  
IRRIGATION - SITE SPRINKLED WITH WATER UNTIL WET. REPEAT AS NEEDED.  
BARRIERS - FENCES, HAY BALES, AND CRATE WALLS PLACED AT INTERVALS 15 TIMES THEIR HEIGHT AND PERPENDICULAR TO AIR CURRENTS  
CALCIUM CHLORIDE - APPLY TO KEEP SURFACE WET. REPEAT AS NEEDED.

**PERMANENT METHODS:**  
PERMANENT VEGETATION - REFER TO Ds3 (DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION)  
TOPSOILING - COVERING THE SURFACE WITH A LESS ERODIBLE SOIL MATERIAL  
STONE - SURFACE WITH CRUSHED STONE OR COARSE GRAVEL (SEE C-1 CONSTRUCTION ROAD STABILIZATION)

**Du DUST CONTROL**  
N.T.S.

**PLANTS, PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER**

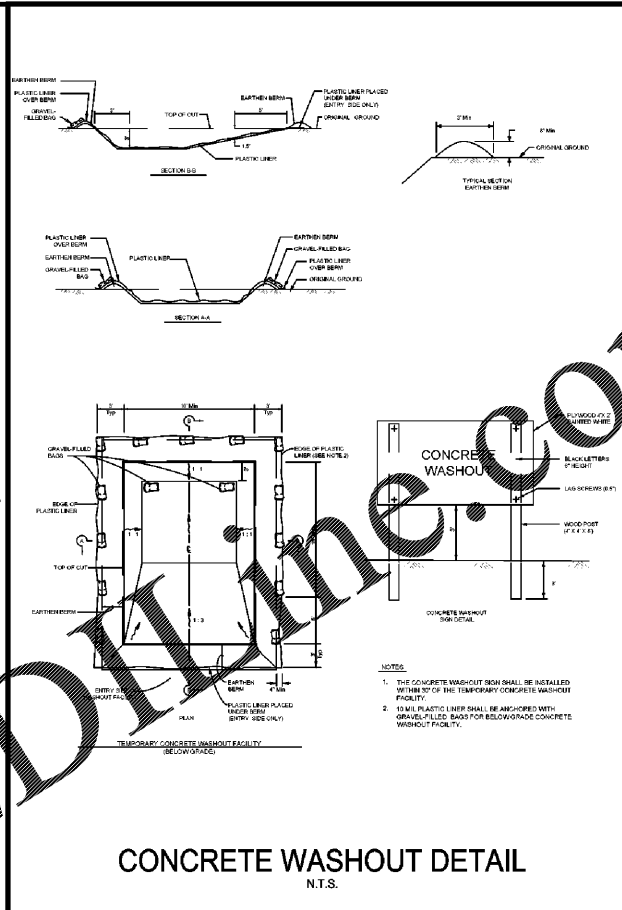
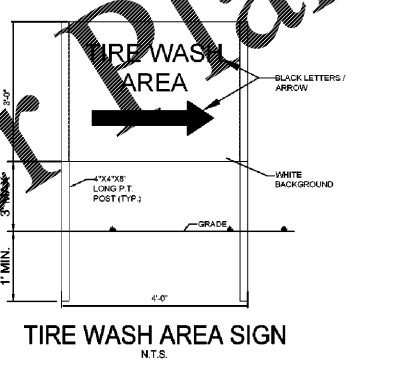
TYPES OF SPECIES	RATES PER ACRE	RATES PER 1,000 SF	PLANTING DATES BY REGION			REMARKS
			M-L	P	C	
BAHIA, PENSACOLA ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	60 LBS. 30 LBS.	1.4 LBS. 0.7 LBS.	-	4/1-5/31	3/1-5/31	LOW GROWING AND SOD FORMING. ALLOW TO ESTABLISH. WILL SPREAD INTO BERMUDA LAWNS.
BAHIA, WILMINGTON ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	60 LBS. 30 LBS.	1.4 LBS. 0.7 LBS.	3/15-5/31	3/1-5/31	-	LOW GROWING AND SOD FORMING. ALLOW TO ESTABLISH. WILL SPREAD INTO BERMUDA LAWNS.
BERMUDA, COMMON (HULLED SEED) ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	10 LBS. 6 LBS.	0.2 LBS. 0.1 LBS.	-	4/1-5/31	3/15-5/31	QUICK COVER, LOW GROWING AND SOD FORMING. NEEDS FULL SUN
BERMUDA, COMMON (UNHULLED SEED) ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	10 LBS. 6 LBS.	0.2 LBS. 0.1 LBS.	-	10/1-2/28	11/1-1/31	PLANT WITH WINTER ANNUALS PLANT WITH TALL FESCUE
BERMUDA SPRIGS TEMPORARY COVER	40 CF SOD PLUGS 3' X 3'	0.9 CF	4/15-6/15	4/1-6/15	4/1-5/31	1 CF = 650 SPRIGS 1 BU. = 1.25 CF OR 800 SPRIGS.
CENTPEDE	BLOCK SOD ONLY	-	-	11/1-5/31	11/1-5/31	DROUGHT TOLERANT; FULL SUN OR PARTIAL SHADE; EFFECTIVE ADJACENT TO CONCRETE AND IN CONCENTRATED FLOW AREAS; IRRIGATION NEEDED UNTIL FULLY ESTABLISHED; DO NOT PLANT NEAR PASTURES
CROWN VETCH WITH WINTER ANNUALS OR COOL WINTER GRASSES	15 LBS.	0.3 LBS.	9/1-10/15	9/1-10/10	-	MIX WITH 30 LBS. TALL FESCUE OF 15 LBS. RYE; INOCULATE SEED; ONLY NORTH OF ATLANTA, DENSE GROWTH, DROUGHT TOLERANT AND FIRE RESISTANT
FESCUE, TALL ALONE WITH OTHER PERENNIALS	50 LBS. 30 LBS.	1.1 LBS. 0.7 LBS.	3/1-4/1 - OR - 8/15-10/15	9/1-10/15 - OR - 2/15-4/15	-	NOT FOR DROUGHTY SOILS. MIX WITH PERENNIAL LESPEDEZAS OR CROWN VETCH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTINGS. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS. 227,000 SEED PER POUND.
LESPEDEZA, SERICEA	60 LBS. 75 LBS.	1.4 LBS. 1.7 LBS.	4/1-5/31 9/1-2/28	3/15-5/31 9/1-2/28	3/1-5/15 9/1-2/28	WIDELY ADAPTED AND LOW MAINTENANCE. TAKES 2-3 YEARS TO ESTABLISH. EXCELLENCE ON ROADBANKS. INOCULATE SEED WITH EL INOCULANT. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, HAHIA, OR TALL FESCUE. MIX WITH TALL FESCUE OR WINTER ANNUALS.
LESPEDEZA, AMBRO VIRGETA OR APPALOW UNSCARIFIED	60 LBS. 75 LBS.	1.4 LBS. 1.7 LBS.	4/1-5/31 9/1-2/28	3/15-5/31 9/1-2/28	3/15-5/15 9/1-2/28	SPREADING GROWTH WITH HEIGHT OF 18"-24". GOOD IN URBAN AREAS. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, BAHIA, TALL FESCUE, OR WINTER ANNUALS. DO NOT MIX WITH SERICEA LESPEDEZA. SLOW TO DEVELOP SOLID STANDS. INOCULATE SEED WITH EL INOCULANT.
LESPEDEZA, SHRUB (LESPEDEZA BICOLOR OR LESPEDEZA THUMBERGII) PLANTS	3' X 3' SPACING		10/1-3/31	11/1-3/15	11/15-2/28	PLANT IN SMALL CLUMPS FOR WILDLIFE FOOD AND COVER.
LOVEGRASS, WEEPING ALONE WITH OTHER PERENNIALS	4 LBS. 2 LBS.	0.1 LBS. 0.05 LBS.	4/1-5/31	3/15-5/31	3/1-5/31	QUICK COVER, DROUGHT TOLERANT, GROWS WELL WITH SERICEA LESPEDEZA ON ROADBANKS.
MAIDENCANE SPRIGS	2' X 3' SPACING		2/1-3/31	2/1-3/31	2/1-3/31	FOR VERY WET SITES SUCH AS RIVERBANKS AND SHORELINES. DIG SPRIGS LOCALLY. MAY CLOG CHANNELS.
PANICGRASS, ATLANTIC COASTAL	20 LBS.	0.5 LBS.	-	3/1-4/30	3/1-4/30	GROWS WELL ON COASTAL SAND DUNES, BORROW AREAS, AND CRATER PITS. PROVIDES WINTER COVER FOR WILDLIFE. MIX WITH SERICEA LESPEDEZA EXCEPT ON SAND DUNES.
REED CANARY GRASS ALONE WITH OTHER PERENNIALS	50 LBS. 30 LBS.	1.1 LBS. 0.7 LBS.	8/15-10/15	9/1-10/15	-	GROWS SIMILAR TO TALL FESCUE
SUNFLOWER, 'AZTEC' MAXIMILLIAN	10 LBS.	0.2 LBS.	4/15-5/31	4/15-5/31	4/1-5/31	MIX WITH WEEPING LOVEGRASS, LESPEDEZA OR OTHER LOW GROWING GRASSES.

**FERTILIZER REQUIREMENTS FOR PERMANENT VEGETATION**

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)
COOL SEASON GRASSES	FIRST	6-12-12	1500	50-100
	SECOND MAINTENANCE	6-12-12	400	30
COOL SEASON GRASSES & LEGUMES	FIRST	6-12-12	1500	0-50
	SECOND MAINTENANCE	0-10-10	1000	-
GROUND COVERS	FIRST	10-10-10	1300	30
	SECOND MAINTENANCE	10-10-10	1100	30
PINE SEEDLINGS	FIRST	20-10-5	700	-
SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10	700	-
TEMPORARY GROUND COVER CROPS SEEDED ALONE	FIRST	6-12-12	1500	50-100
WARM SEASON GRASSES	FIRST	6-12-12	800	50-100
	SECOND MAINTENANCE	10-10-10	400	30
WARM SEASON GRASSES & LEGUMES	FIRST	6-12-12	1500	50-100
	SECOND MAINTENANCE	0-10-10	1000	30

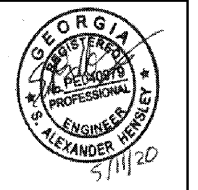
APPLY AGRICULTURAL LIME AS PRESCRIBED BY SOIL TESTS OR AT A RATE OF 1-2 TONS PER ACRE

**Ds3 PERMANENT GRASSING**



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DESIGNED BY: SAHERA  
DRAWN BY: SAHERA  
CHECKED BY: SAHERA  
DATE: 05/13/2020  
RIMLEY-HORN PROJECT NO. 0175942

EROSION CONTROL  
DETAILS  
SHEET NUMBER  
**C3-51**

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