Table 60-6 Soil Amendment Rates

Soil Ame	endment Material	Application Rate (Lb per Acre)
	Nitrogen (N)	30 ¹
Fertilizer	Phosphate (P ₂ O ₅)	90 ¹
	Potash (K ₂ O)	90 ¹
Lime		1,000 2

¹Increase the rate by 25% for slopes steeper than 5:1. ²Rate is in effective neutralizing material (ENM) units.

Table 60-9 Mulching Materials

Material	Rate	Requirements	Installation/Uses
Straw	1.5-2.5 tons/ac (3-4 tons, if roller punched)	Dry, unchopped, unweathered; free of weed seeds & rot.	Spread by machine 1.5-2.5 inches deep; must be tacked or tied down.
Compost Blanket	1" thick	Double the application rate for embankments	Follow manufacturer's application method.
Wood fiber, wood cellulose, paper	1-2 tons/ac	Double the application rate in critical areas	Use with power mulcher or hydroseeder; may be used to tack straw on steep slopes. Cannot be used in hot dry weather.

Table	60-7	Temporary	Fall	Seeding	

Plant Species	Rate ¹ (lb/acre)	Seeding Times
Side-Oats	65	8/16 - 9/30
Winter Rye	50	8/01 - 10/15
Winter Wheat	60	8/01 - 10/15
Orchard Grass	120	8/01 - 10/15
Perennial Ryegrass	80	8/01 - 10/15
Tall fescue, Smooth Brome	80	8/01 - 10/15
K-31 Fescue	120	9/01 - 11/15
Ladino Clover	2 2	8/15 - 9/15
Crimson Clover	6 ²	8/15 - 9/15
Orchard Grass and Oats or Rye	15^{2} 40^{2}	8/15 - 9/15

¹If using aerial seeding or other broadcast method to apply seed without rolling or cultipacking, increase seeding rates by 50 percent.

²Pure live seed (PLS)

Table 60-8 Temporary Spring Seeding

Plant Species	Rate ¹ Seeding Date (lb/acre) Seeding Date	
Winter Rye	50	3/15 - 5/31
Spring Oats	65	3/15 - 5/31
Annual Ryegrass	4 ²	3/15 - 6/15
Sudangrass	16 ²	4/15 - 6/15
K-31 Fescue	30 ²	3/15 - 5/31
Red Clover & Oats	2^{2} 30 ²	3/15 - 5/31

¹If using aerial seeding or other broadcast method to apply seed without rolling or cultipacking, increase seeding rates by 50 percent.

²Pure live seed (PLS)

Table 60-5 Soil Stabilization Schedule

Soil distu square fee	urbance has ceased in areas greater t
	struction of dikes, swales, diversions, ted flow areas
When slo	pes are steeper than 3 horizontal to1 ver
When slo	pes are greater than 3% and longer than
Perimeter	controls around soil stockpiles.
Stabilizat	ion or covering of inactive stockpiles.
	nd disturbance is completed, perma on must be installed.

PRACTICE STANDARD & SPECIFICATIONS FOR SEEDING.

CODE 340 "COVER CROP" CODE 342 "CRITICAL AREA PLANTING"

- CODE 484 "MULCHING"
- CODE 590 "NUTRIENT MANAGEMENT" CODE 723 "VEGETATION ESTABLISHMENT, HERBACIOUS SEEDING"

-					
	Saint	Charles	County,	Missouti	

		\leq 5 fps	Velocity		Pipe
R	Blanket		ze (in)	Rock S	Dia.
d	L(ft)	T (in)	d 100	d50	(in)
5	12	15	9	5	12
5	14	15	9	5	15
5	16	15	9		18-24
9	18	15	9	5 5 9	27-30
1	22	24	14	9	36-42
1	26	24	14	9	48-54
1	34	27	18	12	60-66
1	42	30	24	15	72-84
1	50	30	27	18	96
		es, the velo e engineer			
ize (5	ian stone s	med	d ₅₀ =	here:	W
ze (10	largest stone size (d100 =		
	blanket thickness length of blanket		T =		
et			L =		







