

**327 CONSERVATION COVER - INTRODUCED GRASS/LEGUME
Seeding Design**

LANDOWNER
 PLANNER

DATE
 TRACT/FIELD
 ACRES SEEDED

**COPY TO
SEEDING PLAN**

CLEAR CALCULATOR

Background Information									
GRASS SPECIES		PLANNED % OF GRASS MIX BY SEEDS/SQ. FOOT	POUNDS PLS/AC.	TOTAL SEEDS/ SQ. FOOT	% OF GRASS BY SEEDS/FT 1/		SEEDS/lb	SEEDS/ SQ. FOOT At 1 lb. Rate	POUNDS PLS
		Planned			Can't Exceed				
Orchardgrass	Dactylis glomerata	0 to 30	0.36	5.40	30.2	OK	654000	15	0.36
Timothy	Pheum pratense	0 to 30	0.18	5.36	30.0	OK	1,300,000	29.8	0.18
Int. Wheatgrass	Thinopyrum intermedium	0 to 50	0.00	0.00	0.0	OK	88000	2	0.00
Tall Wheatgrass	Thinopyrum ponticum	0 to 50	0.00	0.00	0.0	OK	79000	1.8	0.00
Switchgrass 2/	Panicum virgatum	0 to 20	0.40	3.56	19.9	OK	390000	8.9	0.40
Western Wheatgrass 2/	Agropyron smithii	0 to 20	1.42	3.55	19.9	OK	112000	2.5	1.42
TOTAL POUNDS PLS			2.36	17.87	100.0				

1/ ACTUAL SEEDS PER SQUARE FOOT SHALL BE WITHIN THE RANGE SPECIFIED IN PLANNED CONDITION
 2/ Native grasses that may be included in introduced grass legume mixtures

Background Information									
FORB/LEGUME SPECIES			POUNDS PLS/AC.	TOTAL SEEDS/ SQ. FOOT	% OF LEGUMES BY SEEDS/FT		SEEDS/lb	SEEDS/ SQ. FOOT At 1 lb/ac Rate	POUNDS PLS
Alfalfa	Medicago sativa	0-50	0.80	4.17	24.2	OK	226800	5.2	0.80
Red Clover	Trifolium pratense	0-50	0.60	3.79	22.0	OK	275000	6.3	0.60
White Clover	Trifolium repens	0-50	0.25	4.59	26.7	OK	800000	18.4	0.25
Alsike Clover	Trifolium hybridum	0-50	0.30	4.68	27.2	OK	680000	15.6	0.30
TOTAL POUNDS PLS			1.95	17.23	100.0				

TOTAL SEEDS/FT
 PERCENT GRASS
 PERCENT FORB

OK Minimum 35-40 seeds/ft sq.
 Grasses shall comprise of at least 50% of the mixture.