

TEMPORARY SEEDING  
PLANT MATERIALS

CITY OF  
JACKSONVILLE  
STANDARD

N.T.S.

PLATE D-915

DATE DRAWN

05-08-90

REVISED DATE

5-12-94

Common Name (Botanical Name)	Seeding Rate		Planting Dates	Comments
	Acre	1000 ft <sup>2</sup>		
OATS ( <i>Avena sativa</i> )	3 Bu (125 lbs)	3 lbs	N. FLA. September- February	Will not tolerate flooding, high water table soils.
RYE ( <i>Secale cereale</i> )	3 Bu (170 lbs)	4 lbs	September- February	Tolerates cold and drought.
WHEAT ( <i>Triticum sp.</i> )	3 Bu (120 lbs)	3 lbs	September- February	Volunteers may return.
ANNUAL RYEGRASS ( <i>Lolium multiflorum</i> )	60 lbs	1.5 lbs	September- February	Annual winter legume. Inoculate seed at 5 times recommended rate. Does poorly on deep dry sands, will not tolerate flooding.
CRIMSON CLOVER ( <i>Trifolium incarnatum</i> )	25 lbs	9 oz	September- November	Annual winter legume. Inoculate seed at 5 times recommended rate.
RED CLOVER ( <i>Trifolium pratense</i> )	15 lbs	6 oz	September- December	Grows best on moist soils, will not tolerate flooding. Easily hurt by drought.
WHITE CLOVER ( <i>Trifolium repens</i> )	6 lbs	2.5 oz	September- December	Annual winter legume. Inoculate seed at 5 times recommended rate.
ANNUAL SWEETCLOVER ( <i>Melilotus altissima</i> )	15 lbs	6 oz	September- December	Annual winter legume. Inoculate seed at 3-5 times recommended rate.
ARROWLEAF CLOVER ( <i>Trifolium vesiculosum</i> )	15 lbs	6 oz	September- December	Grows well on both flatwoods and upland soils. Will not tolerate flooding.
LUerne CLOVER ( <i>Lupinus sp.</i> )	60 lbs	1.5 lbs	September- December	Grows on soil too wet for crimson, tolerates some flooding. Use scarified seed.
ALFALFA ( <i>Medicago sativa</i> )	22 lbs	8 oz	September- December	Annual winter legume. Inoculate seed at 3-5 times recommended rate. Susceptible to freeze damage at time of emergence. Use scarified seed.
AUSTRIAN WINTER PEAS	45 lbs	1 lb	September- December	Short lived perennial. Some drought resistance. Grows best on well-drained, fertile soils. Will not tolerate wet soils.
HAIRY VETCH ( <i>Vicia villosa</i> )	25 lbs	9 oz	September- December	Grows best on well-drained soils with high clay content.
ALYCECLOVER ( <i>Alysicarpus vaginalis</i> )	15 lbs	6 oz	April- July	Grows best on well-drained, loamy soils.
COMMON LESPEDEZA ( <i>Lespedeza striata</i> )	30 lbs	11 oz	March- July	Warm season annual legume. Grows best on well-drained sandy soils.
HAIRY INDIGO ( <i>Indigofera hirsuta</i> )	8 lbs (120 ls)	3 oz	March- July	Warm season annual. Needs inoculation on eroded soils. Grows best on sandy loams. Fairly drought resistant.
JOINT VETCH ( <i>Aeschynomera americana</i> )	8 lbs	3 oz	March- August	Warm season annual legume.
MILLET ( <i>Setaria sp.</i> )	30 lbs	11 oz	August- March	Most suitable of summer legumes for use in low, wet areas.
SESBANIA ( <i>Sesban macrocarpa</i> )	30 lbs	11 oz	August- July	Warm season annual. Does not tolerate flooding. Grows best in fertile, moist soils. Pearl and Browntop are good varieties to use.
SORGHAM SUNDANGRASS HYBRID	30 lbs	11 oz	March- July	Warm season annual legume. Does well under extremely wet conditions.
WEEPING LOVEGRASS ( <i>Eragrostis curvula</i> )	5 lbs	2 oz	March- August	Warm season annual. Rapid grower. Tolerates dryer soils than millet. Grows best on well-drained soils. Can also use Sudangrass alone. Short-lived perennial, 2-3 years. Tolerates hot, dry slopes and acid, infertile soils.

Usually mixtures of the above plant materials are better than a single plant alone. Each of the legumes discussed above can be grown in mixture with annual ryegrass and/or the small grains. In a two-crop mixture cut the seeding rate of each crop to one-half of the recommended planting rate when grown alone. Similarly three plant types in a mixture requires approximately one-third of the normal seeding rate for each plant. In a three plant mixture containing a single legume, the legume should be planted at one-half of the pure stand seeding rate.