



**Grass Seed Mixes to compete with Noxious Weeds!**

*I have been often asked about the best grass mixes to compete with noxious weeds and the chart below indicates my recommendations - Jonathan D. Rife, Douglas County Weed Inspector. If research is correct the addition of a azospirillum inoculation should be done to accelerate the establishment of grass stands. All mixes are drilled unless otherwise indicated.*

Grazing Mix:

Intermediate Wheatgrass (Oahe variety)	19%	4#PLS/acre
Pubescent Wheatgrass (Luna var.)	33%	7#PLS/acre
Smooth Brome (Manchar or Lincoln)	24%	5.0#PLS/acre
Western Wheatgrass (Rosana or Arriba)	24%	<u>5.0#PLS/acre</u>
		21#/acre

Grazing Mix (broadcast):

Intermediate Wheatgrass (Oahe variety)	19%	8#PLS/acre
Pubescent Wheatgrass (Luna var.)	33%	14#PLS/acre
Smooth Brome (Manchar or Lincoln)	24%	10#PLS/acre
Western Wheatgrass (Rosana or Arriba)	24%	<u>10#PLS/acre</u>
		42#/acre
		<b>5.00#/1000 sq.ft.</b>

Native Mix (expanded):

	<u>Clay type soils</u>	
Blue Grama (Lovington)	5%	0.15#PLS/acre
Switch Grass (Grenville)	5%	0.55#PLS/acre
Little Bluestem (Camper)	5%	0.5#PLS/acre
Bluebunch Wheatgrass(Secar)	15%	1.5#PLS/acre
Green Needle Grass (Lodorm)	5%	0.61#PLS/acre
Western Wheatgrass (Rosana or Arriba)	35%	6.93#PLS/acre
Big Bluegrass (Sherman)	30%	<u>1.8#PLS/acre</u>
		13.04 #/acre

Native Mix - (minimum):

Blue Grama (Lovington)	10%	.3#PLS/acre
Switch Grass (Grenville)	20%	1.2.#PLS/acre
Western Wheatgrass (Rosana or Arriba)	40%	7.9#PLS/acre
Big Bluegrass (Sherman)	30%	<u>1.8#PLS/acre</u>
		11.2 #/acre

Sand type soils

Blue Grama (Lovington)	5%	0.15#PLS/acre
Switch Grass (Grenville)	5%	0.4#PLS/acre
Indian Rice Grass (Paloma)	5%	0.5#PLS/acre
Little Bluestem (Pastura)	5%	0.42#PLS/acre
Green Needle Grass (Lodorm)	10%	1.21PLS/acre
Thickspike Wheatgrass (Critana)	40%	5.6#PLS/acre
Big Bluegrass (Sherman)	30%	<u>1.8#PLS/acre</u>
		11.41#/acre

Native Mix - (minimum):

Blue Grama (Lovington)	10%	0.3#PLS/acre
------------------------	-----	--------------

Switch Grass (Grenville)	20%	1.2#PLS/acre
Thickspike Wheatgrass (Critana)	40%	5.6#PLS/acre
Big Bluegrass (Sherman)	30%	<u>1.8#PLS/acre</u> 8.9#/acre

Broadcast Mix:

Blue grama (Lovington)	10%	0.6#PLS/acre
Big Bluegrass (Sherman)	30%	3.6#PLS/acre
Thickspike Wheatgrass (Critana)	30%	6.9#PLS/acre
Western Wheatgrass (Rosana)	30%	<u>11.9#PLS/acre</u> <b>24 #/acre or 5#/1000 sq.ft.</b>

Poor Soil Mix:

Big Bluegrass (Sherman)	9.5%	1.00#PLS/acre
Buffalo Grass (Sharps Improved)	9.5%	1.50#PLS/acre
Switchgrass (Grenville)	10%	1.00#PLS/acre
Canby Bluegrass (Canbar)	9.5%	1.00#PLS/acre
Canada Bluegrass (Reubens)	9.5%	1.00#PLS/acre
Thickspike Wheatgrass (Critana)	26%	2.75#PLS/acre
Streambank Wheatgrass (Sodar)	26%	<u>2.75#PLS/acre</u> <b>11.0# PLS/Acre</b>

Poor Soil Broadcast Mix:

Big Bluegrass (Sherman)	9.5%	4.0#PLS/acre
Buffalo Grass (Sharps Improved)	9.5%	6.0#PLS/acre
Switchgrass (Grenville)	10%	4.0#PLS/acre
Canby Bluegrass (Canbar)	9.5%	4.0#PLS/acre
Canada Bluegrass (Reubens)	9.5%	4.0#PLS/acre
Thickspike Wheatgrass (Critana)	26%	11#PLS/acre
Streambank Wheatgrass (Sodar)	26%	<u>11#PLS/acre</u> <b>44.0# PLS/Acre or 5.00#/1000 sq.ft.</b>

Roadside Mix:

Sandberg Bluegrass or Canby(Canbar)	9.5%	1.0#PLS/acre
Thickspike Wheatgrass (Critana or Sodar)	9.5%	1.0#PLS/acre
Western Wheatgrass (Rosana or Arriba)	???	???.?PLS/acre
Smooth Brome (Manchar or Lincoln)	57%	6.0#PLS/acre
Buffalo Grass (Sharps Improved)	14.5%	1.5PLS/acre
Crested Wheatgrass ( CD-II or RoadCrest)	9.5%	<u>1.0#PLS/acre</u> 10.5#PLS/acre or <b>5.00#/1000 sq.ft.</b>

Oats may be added at 25#/acre to form a nurse crop with the grasses or add annual ryegrass at 1 # / acre to yield a quicker greenup for the above mix.

**Grass mix for 6,400' - 8,000'**

Western Wheatgrass (Rosana or Arriba)	15.8#PLS/acre
Blue Grama (Lovington)	0.5#PLS/acre
Thickspike Wheatgrass (Critana)	11.2#PLS/acre
Big Bluegrass (Sherman)	<u>3.5#PLS/acre</u>
	31#PLS/acre

**Add annual ryegrass at 1 # / acre will yield a quicker greenup for the above mix.**