

SUITABILITY GROUP C-4

(Sandy Depression)

Description: Deep, somewhat poorly drained, and slowly permeable soils with loamy surfaces and clayey subsoils. Surface textures range from loamy fine sands to clay loams. Subsoils range from sandy clay to clays. A seasonal water table is at or near the surface during the months of October through April

Limitations: Wetness during the dormant season, poor drainage, and slow permeability restricts the species adapted to this subgroup. Temporary ponding and wet soils may hinder seedbed preparation and establishment.

Soils: Carwile fine sandy loam, soils

Recommended Species: See chart on next page.

SPECIES	SPECIES ADAPTABILITY 1 /		SPECIES PRODUCTIVITY 2 /	GRAZING PREFERENCE 3 /	STAND ESTABLISHMENT 4 /	FERTILIZER NEEDS 5 /			Ph RANGE 6 /	DROUGHT TOLERANCE
	DRYLAND	IRRIGATED				N	P	K		
WARM SEASON GRASSES										
BERMUDAGRASS	6	0	9	5	2-3	1-3	0-2	1-2	5.5-8.0	FAIR
HARDIE	6	0	9	4	2-3					FAIR
MIDLAND	6	0	9	5	2-3					FAIR
BIG BLUESTEM	8	0	5	7	2-3	0-1	0	0	6.0-7.5	FAIR-GOOD
KAN	5	0	6	7	2-3					FAIR-GOOD
EASTERN BANGRASS	8	6	10	8	2-4	0-3	0-2	0-1	5.5-7.5	FAIR
INDIANGRASS	5	0	5	7	1-3	0-1	0	0	5.5-7.5	FAIR
CHEYENNE	5	0	6	7	1-3					FAIR
SAND BLUESTEM	5	0	5	7	1-3	0-1	0-1	0-1	5.5-7.5	FAIR-GOOD
WOODWARD	5	0	6	7	1-3					FAIR-GOOD
SWITCHGRASS	8	6	5	5	1-2	0-2	0	0	5.5-8.0	GOOD
BLACKWELL	8	6	6	5	1-2					GOOD
COOL SEASON GRASSES										
CREeping FOXTAIL	5	7	6	7	1-2	1-2	1-2	0-2	5.5-7.0	POOR
GARRISON	5	7	7	7	1-2					POOR
TALL FESCUE	6	6	6	4		1-2	1-2	0-2	6.2-7.0	POOR
KENTUCKY 3:	6	6	7	4						POOR
WHEATGRASS										
INTERMEDIATE	4	0	5	4	1-2	1-2	1-2	0-1	6.0-7.5	FAIR
SLATE	4	0	6	4	1-2					FAIR
TALL	7	6	5	4	1-2	1-2	1-2	0-1	7.0-8.5	FAIR
JOSE	7	6	6	4	1-2					FAIR
WESTERN	7	6	4	5	1-3	0-1	0-1	0-1	6.5-8.5	GOOD
BARTON	7	6	5	5	1-3					GOOD

1 / ADAPTABILITY - 0=NOT ADAPTED, 1-3=POOR, 4-6=FAIR, 7-9=GOOD; N=NORTH OF THE SMOKY HILL AND KANSAS RIVERS; S=ADAPTED IN SOUTHERN COUNTIES ONLY.

2 / SPECIES PRODUCTIVITY - A POTENTIAL ANIMAL UNIT MONTH RATINGS FOR EACH CULTIVAR. THIS AUM FACTOR, FOR THE SPECIES, TIMES THE ADAPTABILITY FACTOR, DIVIDED BY 9, SHOULD GIVE A POTENTIAL AUM PRODUCTIVITY RATINGS OF THIS SPECIES OR CULTIVAR ON THIS GROUP.

3 / GRAZING PREFERENCE - SCALE 1 - 8, (1=POOR, 8=EXCELLENT).

4 / STAND ESTABLISHMENT - NUMBERS = APPROXIMATE YEARS FOR ESTABLISHMENT.

5 / FERTILIZER NEEDS - 0=NONE; 1=10-50 POUNDS OF N, 20-40 POUNDS OF P, 20-40 POUNDS OF K; 2=50-100 POUNDS OF N, 40-60 POUNDS OF P, 40-70 POUNDS OF K; 3=100+ POUNDS OF N, 60+ POUNDS OF P, 70+ POUNDS OF K. THE FIRST CATEGORY IS WHAT IS NEEDED TO MAINTAIN A HEALTHY STAND. THE SECOND CATEGORY IS THE HIGHEST AMOUNT EXPECTED TO GIVE A FAVORABLE RESPONSE ON DRYLAND. SOIL TEST RECOMMENDATIONS SHOULD ALWAYS BE USED ON IRRIGATED PASTURES AND OTHER INTENSIVELY MANAGED PASTURES.

6 / Ph RANGE - LOW AND HIGH Ph RECOMMENDED FOR THE SPECIES.

SUITABILITY GROUP F-1

(Loamy-Moderately Deep)

Description: Moderately deep, well drained or moderately well drained soils with loamy surfaces and subsoils. Soils in this subgroup occur on uplands and are underlain by bedrock at depths of 20 to 40 inches.

Limitations: Restricted root depth due to bedrock.

Soils: Nash silt loam, complex
Nashville silt loam, complex

Recommended Species: See chart on next page.

SPECIES	SPECIES ADAPTABILITY 1/		SPECIES PRODUCTIVITY 2/	GRAZING PREFERENCE 3/	STAND ESTABLISHMENT 4/	FERTILIZER NEEDS 5/			PH RANGE 6/	DROUGHT TOLERANCE
	DRYLAND	IRRIGATED				N	P	K		
WARM SEASON GRASSES										
BIG BLUESTEM	6	7	5	7	2-3	0-1	0	0	6.0-7.5	FAIR-GOOD
KAN.	6	7	6	7	2-3					FAIR-GOOD
INDIANGRASS	6	7	5	7	1-3	0-1	0	0	5.5-7.5	FAIR
CHEYENNE	6	7	6	7	1-3					FAIR
OSAGE	5	7	6	7	1-3					FAIR
SIDEDOTS GRAMA	8	6	3	5	1-3	0-1	0	0	6.0-7.5	GOOD
EL RENO	8	6	4	5	1-3					GOOD
SWITCHGRASS	6	7	5	5	1-2	0-2		0	5.5-8.0	GOOD
BLACKWELL	6	7	6	5	1-2					GOOD
COOL SEASON GRASSES										
SMOOTH BROMEGRASS	4	6	6	7	1	1-2	1-2	0-2	5.5-7.0	FAIR
ACHENBACH	4	6	7	7	1					FAIR
LINCOLN	4	6	7	7	1					FAIR
SOUTHLAND	4	6	7	7	1					FAIR
TALL FESCUE	4	7	6	4	1	1-2	1-2	0-2	6.2-7.0	POOR
KENTUCKY 31	4	7	7	4	1					POOR
WHEATGRASS										
TALL	5	6	5	4	1-2	1-2	1-2	0-1	7.0-8.5	FAIR
JOSE	5	6	6	4	1-2					FAIR
WESTERN	6	7	4	5	1-3	0-1	0-1	0-1	6.5-8.5	GOOD
BARTON	6	7	5	5	1-3					GOOD
LEGUMES										
ALFALFA (STANDARD)	4	7	10	8	1	0-1	1-3	1-3	6.5-8.0	GOOD
(RHIZOMATOUS)	3	6	7	8	-2	0-1	1-3	1-2	6.5-8.0	GOOD

1/ ADAPTABILITY - 0=NOT ADAPTED, 1-3=POOR, 4-6=FAIR, 7-9=GOOD; N=NORTH OF THE SMOKY HILL AND KANSAS RIVERS; S=ADAPTED IN SOUTHERN COUNTIES ONLY.

2/ SPECIES PRODUCTIVITY - A POTENTIAL ANIMAL UNIT MONTH RATING FOR EACH CULTIVAR. THIS AUM FACTOR, FOR THE SPECIES, TIMES THE ADAPTABILITY FACTOR, DIVIDED BY 9, SHOULD GIVE A POTENTIAL AUM PRODUCTIVITY RATING OF THIS SPECIES OR CULTIVAR ON THIS GROUP.

3/ GRAZING PREFERENCE - SCALE 1 - 6, (1=POOR, 6=EXCELLENT).

4/ STAND ESTABLISHMENT - NUMBERS = APPROXIMATE YEARS FOR ESTABLISHMENT.

5/ FERTILIZER NEEDS - 0=NONE; 1=10-50 POUNDS OF N, 20-40 POUNDS OF P, 20-40 POUNDS OF K; 2=50-100 POUNDS OF N, 40-60 POUNDS OF P, 40-70 POUNDS OF K; 3=100+ POUNDS OF N, 60+ POUNDS OF P, 70+ POUNDS OF K. THE FIRST CATEGORY IS WHAT IS NEEDED TO MAINTAIN A HEALTHY STAND. THE SECOND CATEGORY IS THE HIGHEST AMOUNT EXPECTED TO GIVE A FAVORABLE RESPONSE ON DRYLAND. SOIL TEST RECOMMENDATIONS SHOULD ALWAYS BE USED ON IRRIGATED PASTURES AND OTHER INTENSIVELY MANAGED PASTURES.

6/ PH RANGE - LOW AND HIGH PH RECOMMENDED FOR THE SPECIES.

SUITABILITY GROUP F-2
(Limy-Moderately Deep)

- Description:** Moderately deep, well drained or moderately well drained soils with loamy surfaces and loamy to clayey subsoils. Soils in this subgroup occur on uplands and have calcareous surface and subsurface layers and are underlain with calcareous bedrock at depths of 20 to 40 inches.
- Limitations:** Soils in this subgroup are slightly affected by limy surfaces and subsoils and have a restricted root depth.
- Soils:** Woodward loam

Recommended Species: See chart on next page

SPECIES	SPECIES ADAPTABILITY 1/		SPECIES PRODUCTIVITY 2/	GRAZING PREFERENCE 3/	STAND ESTABLISHMENT 4/	FERTILIZER NEEDS 5/			Ph RANGE 6/	DROUGHT TOLERANCE
	DRYLAND	IRRIGATED				N	P	K		
WARM SEASON GRASSES										
BIG BLUESTEM	6	7	5	7	2-3	0-1	0	0	6.0-7.5	FAIR-GOOD
KAW	6	7	6	7	2-3					FAIR-GOOD
INDIANGRASS	6	7	5	7	1-3	0-1	0	0	5.5-7.5	FAIR
CHEYENNE	6	7	6	7	1-3					FAIR
OSAGE	6	7	6	7	1-3					FAIR
SEEDSATS GRAMA	8	6	3	5	1-3	0-1	0	0	6.0-7.5	GOOD
EL RENO	8	6	4	5	1-3					GOOD
SWITCHGRASS	6	7	5	5	1-2	0-2	0	0	5.5-8.0	GOOD
BLACKWELL	6	7	6	5	1-2					GOOD
COOL SEASON GRASSES										
SMOOTH BROMEGRASS	4	6	6	7	1	1-2	-2	0-2	5.5-7.0	FAIR
ACHENBACH	4	6	7	7	1					FAIR
LINCOLN	4	6	7	7	1					FAIR
SOUTHLAND	4	6	7	7	1					FAIR
WHEATGRASS										
TALL	5	6	5	4	1-2	1-2	1-2	0-1	7.0-8.5	FAIR
JOSE	5	6	6	4	1-2					FAIR
WESTERN	6	7	4	5	1-3	0-1	0-1	0-1	6.5-8.5	GOOD
BARTON	6	7	5	5	1-3					GOOD
LEGUMES										
ALFALFA (STANDARD)	4	7	10	8	1	0-1	1-3	1-3	6.5-8.0	GOOD
(RHIZOMATOUS)	3	6	7	8	1-2	0-1	1-3	1-2	6.5-8.0	GOOD

1/ ADAPTABILITY - 0=NOT ADAPTED, 1-3=POOR, 4-6=FAIR, 7-9=GOOD; N=NORTH OF THE SMOKY HILL AND KANSAS RIVERS; S=ADAPTED IN SOUTHERN COUNTIES ONLY.

2/ SPECIES PRODUCTIVITY - A POTENTIAL ANIMAL UNIT MONTH RATING FOR EACH CULTIVAR. THIS AUM FACTOR, FOR THE SPECIES, TIMES THE ADAPTABILITY FACTOR, DIVIDED BY 9, SHOULD GIVE A POTENTIAL AUM PRODUCTIVITY RATING OF THIS SPECIES OR CULTIVAR ON THIS GROUP.

3/ GRAZING PREFERENCE - SCALE 1 - 8, (1=POOR, 8=EXCELLENT).

4/ STAND ESTABLISHMENT - NUMBERS = APPROXIMATE YEARS FOR ESTABLISHMENT.

5/ FERTILIZER NEEDS - 0=NONE; 1=10-50 POUNDS OF N, 20-40 POUNDS OF P, 20-40 POUNDS OF K; 2=50-100 POUNDS OF N, 40-60 POUNDS OF P, 40-70 POUNDS OF K; 3=100+ POUNDS OF N, 60+ POUNDS OF P, 70+ POUNDS OF K. THE FIRST CATEGORY IS WHAT IS NEEDED TO MAINTAIN A HEALTHY STAND. THE SECOND CATEGORY IS THE HIGHEST AMOUNT EXPECTED TO GIVE A FAVORABLE RESPONSE ON DRYLAND. SOIL TEST RECOMMENDATIONS SHOULD ALWAYS BE USED ON IRRIGATED PASTURES AND OTHER INTENSIVELY MANAGED PASTURES.

6/ Ph RANGE - LOW AND HIGH Ph RECOMMENDED FOR THE SPECIES.

SUITABILITY GROUP F-3

(Eroded Clay)

- Description:** Deep, well drained to somewhat poorly drained, eroded soils with clayey or thin loamy surfaces and clayey subsoils.
- Limitations:** Stand establishment on these soils is very difficult due to clayey or thin surfaces. Low organic matter will limit fertility and plant production (causing difficult management decisions).
- Soils:** Blanket silty clay loam, eroded
Kirkland silty clay loam, eroded; soils, eroded
Rosehill clay loam, eroded

Recommended Species: See chart on next page.

ARR: 80A
SUITABILITY GROUP: F-3

-2-

SPECIES	SPECIES ADAPTABILITY 1 /		SPECIES PRODUCTIVITY 2 /	GRAZING PREFERENCE 3 /	STAND ESTABLISHMENT 4 /	FERTILIZER NEEDS 5 /			Ph RANGE 6 /	DROUGHT TOLERANCE
	DRYLAND	IRRIGATED				N	P	K		
WARM SEASON GRASSES										
BIG BLUESTEM	5	6	5	7	2-3	0-1	0	0	6.0-7.5	FAIR-GOOD
KAN	5	6	6	7	2-3					FAIR-GOOD
INDIANGRASS	5	6	5	7	1-3	0-1	0	0	5.5-7.5	FAIR
CHEYENNE	5	6	6	7	1-3					FAIR
OSAGE	5	6	6	7	1-3					FAIR
SIDEOTS GRAMA	5	7	3	5	1-3	0-	0	0	6.0-7.5	GOOD
EL RENO	5	7	4	5	1-3					GOOD
SWITCHGRASS	5	7	5	5	1-2	0-2	0	0	5.5-8.0	GOOD
BLACKWELL	5	7	6	5	1-2					GOOD
COOL SEASON GRASSES										
TALL FESCUE	4	7	6	4		1-2	1-2	0-2	6.2-7.0	POOR
KENTUCKY 31	4	7	7	4						POOR
WHEATGRASS										
TALL	5	6	5	4	1-2	1-2	1-2	0-1	7.0-8.5	FAIR
JOBE	5	6	6	4	1-2					FAIR
WESTERN	5	6	4	5	1-3	0-1	0-1	0-1	6.5-8.5	GOOD
BARTON	5	6	5	5	1-3					GOOD

1 / ADAPTABILITY - 0=NOT ADAPTED, 1-3=POOR, 4-6=FAIR, 7-9=GOOD; N=NGRTH OF THE SMOKY HILL AND KANSAS RIVERS; S=ADAPTED IN SOUTHERN COUNTIES ONLY.

2 / SPECIES PRODUCTIVITY - A POTENTIAL ANIMAL UNIT MONTH RATING FOR EACH CULTIVAR. THIS AUM FACTOR, FOR THE SPECIES, TIMES THE ADAPTABILITY FACTOR, DIVIDED BY 9, SHOULD GIVE A POTENTIAL AUM PRODUCTIVITY RATING OF THIS SPECIES OR CULTIVAR ON THIS GROUP.

3 / GRAZING PREFERENCE - SCALE 1 - 8, (1=POOR, 8=EXCELLENT).

4 / STAND ESTABLISHMENT - NUMBERS = APPROXIMATE YEARS FOR ESTABLISHMENT.

5 / FERTILIZER NEEDS - 0=NONE; 1=10-50 POUNDS OF N, 20-40 POUNDS OF P, 20-40 POUNDS OF K; 2=50-100 POUNDS OF N, 40-60 POUNDS OF P, 40-70 POUNDS OF K; 3=100+ POUNDS OF N, 60+ POUNDS OF P, 70+ POUNDS OF K. THE FIRST CATEGORY IS WHAT IS NEEDED TO MAINTAIN A HEALTHY STAND. THE SECOND CATEGORY IS THE HIGHEST AMOUNT EXPECTED TO GIVE A FAVORABLE RESPONSE ON DRYLAND. SOIL TEST RECOMMENDATIONS SHOULD ALWAYS BE USED ON IRRIGATED PASTURES AND OTHER INTENSIVELY MANAGED PASTURES.

6 / Ph RANGE - LOW AND HIGH Ph RECOMMENDED FOR THE SPECIES.

SUITABILITY GROUP F-4

(Clayey)

Description: Deep and moderately deep, well drained to somewhat poorly drained soils with loamy or clayey surfaces and clayey subsoils. (If surface texture is loamy, it is less than 14 inches over dense clayey subsoil.)

Limitations: Slowly or very slowly permeable clayey subsoils.

Soils: Bethany silt loam
Blanket silt loam
Kirkland silt loam, clay loam
Renfrow clay loam, silty clay loam, complex
Rosehill clay loam
Tabler clay loam, silty clay loam, complex
Waurika silt loam

Recommended Species: See chart on next page.

SPECIES	SPECIES ADAPTABILITY 1 /		SPECIES PRODUCTIVITY 2 /	GRAZING PREFERENCE 3 /	STAND ESTABLISHMENT 4 /	FERTILIZER NEEDS 5 /			Ph RANGE 6 /	DROUGHT TOLERANCE
	DRYLAND	IRRIGATED				N	P	K		
WARM SEASON GRASSES										
BIG BLUESTEM	6	7	5	7	2-3	0-1	0	0	6.0-7.5	FAIR-GOOD
KAW	6	7	6	7	2-3					FAIR-GOOD
INDIANGRASS	6	7	5	7	1-3	0-1	0	0	5.5-7.5	FAIR
CHEYENNE	6	7	6	7	1-3					FAIR
OSAGE	6	7	6	7	1-3					FAIR
SIDEGATS 6-AMA	7	7	3	5	1-3	0-1	0	0	6.0-7.5	GOOD
EL RENO	7	7	4	5	1-3					GOOD
SWITCHGRASS	6	7	5	5	1-2	0-2	0	0	5.5-8.0	GOOD
BLACKWELL	6	7	6	5	1-2					GOOD
COOL SEASON GRASSES										
SMOOTH BROMEGRASS	4	6	6	7	1	1-2	1-2	0-2	5.5-7.0	FAIR
ACHENBACH	4	6	7	7	1					FAIR
LINCOLN	4	6	7	7	1					FAIR
SOUTHLAND	4	6	7	7	1					FAIR
TALL FESCUE	4	7	6	4	1	1-2	1-2	0-2	6.2-7.0	POOR
KENTUCKY 31	4	7	7	4	1					POOR
WHEATGRASS										
TALL	5	6	5	4	1-2	1-2	1-2	0-1	7.0-8.5	FAIR
JOSE	5	6	6	4	1-2					FAIR
WESTERN	6	7	4	5	1-3	0-1	0-1	0-1	6.5-8.5	GOOD
BARTON	6	7	5	5	1-3					GOOD

1 / ADAPTABILITY - 0=NOT ADAPTED, 1-3=POOR, 4-6=FAIR, 7-9=GOOD; N=NORTH OF THE SMOKY HILL AND KANSAS RIVERS; S=ADAPTED IN SOUTHERN COUNTIES ONLY.

2 / SPECIES PRODUCTIVITY - A POTENTIAL ANIMAL UNIT MONTH RATING FOR EACH CULTIVAR. THIS AUM FACTOR, FOR THE SPECIES, TIMES THE ADAPTABILITY FACTOR, DIVIDED BY 9, SHOULD GIVE A POTENTIAL AUM PRODUCTIVITY RATING OF THIS SPECIES OR CULTIVAR ON THIS GROUP.

3 / GRAZING PREFERENCE - SCALE 1 - 8, (1=POOR, 8=EXCELLENT).

4 / STAND ESTABLISHMENT - NUMBERS = APPROXIMATE YEARS FOR ESTABLISHMENT.

5 / FERTILIZER NEEDS - 0=NONE; 1=10-50 POUNDS OF N, 20-40 POUNDS OF P, 20-40 POUNDS OF K; 2=50-100 POUNDS OF N, 40-60 POUNDS OF P, 40-70 POUNDS OF K; 3=100+ POUNDS OF N, 60+ POUNDS OF P, 70+ POUNDS OF K. THE FIRST CATEGORY IS WHAT IS NEEDED TO MAINTAIN A HEALTHY STAND. THE SECOND CATEGORY IS THE HIGHEST AMOUNT EXPECTED TO GIVE A FAVORABLE RESPONSE ON DRYLAND. SOIL TEST RECOMMENDATIONS SHOULD ALWAYS BE USED ON IRRIGATED PASTURES AND OTHER INTENSIVELY MANAGED PASTURES.

6 / Ph RANGE - LOW AND HIGH Ph RECOMMENDED FOR THE SPECIES.

SUITABILITY GROUP G-3

(Wet Sodic)

Description: Deep, somewhat poorly or poorly drained loamy soils with a high sodium absorption ratio. The subsoils range from sandy to clayey and contain a high water table during the winter and/or spring months.

Limitations: Choice of plants is limited by high sodium content and moderate salinity. Wetness during a portion of the growing season is common.

Soils: Slickspots
Natrustolls

Recommended Species: See chart on next page.

SPECIES	SPECIES ADAPTABILITY 1 /		SPECIES PRODUCTIVITY 2 /	GRAZING PREFERENCE 3 /	STAND ESTABLISHMENT 4 /	FERTILIZER NEEDS 5 /			Ph RANGE 6 /	DROUGHT TOLERANCE
	DRYLAND	IRRIGATED				N	P	K		
WARM SEASON GRASSES										
ALKALI SACATON	6	0	4	2	2-3	0-1	0	0	6.5-8.0	GOOD
SALTALK	6	0	5	2	2-3					GOOD
SWITCHGRASS	7	0	5	5	1-2	0-2	0	0	5.5-8.0	GOOD
BLACKWELL	7	0	6	5	1-2					GOOD
COOL SEASON GRASSES										
WHEATGRASS										
TALL	7	0	5	4	1-2	1-2	1-2	0-1	7.0-8.5	FAIR
JOSE	7	0	6	4	1-2					FAIR
WESTERN	5	0	4	5	1-3	0-1	0-1	0-1	6.5-8.5	GOOD
BARTON	5	0	5	5	1-3					GOOD

1 / ADAPTABILITY - 0=NOT ADAPTED, 1-3=POOR, 4-6=FAIR, 7-9=GOOD; N=NORTH OF THE SMOKY HILL AND KANSAS RIVERS; S=ADAPTED IN SOUTHERN COUNTIES ONLY.

2 / SPECIES PRODUCTIVITY - A POTENTIAL ANIMAL UNIT MONTH RATING FOR EACH CULTIVAR. THIS AUM FACTOR, FOR THE SPECIES, TIMES THE ADAPTABILITY FACTOR, DIVIDED BY 9, SHOULD GIVE A POTENTIAL AUM PRODUCTIVITY RATING OF THIS SPECIES OR CULTIVAR ON THIS GROUP.

3 / GRAZING PREFERENCE - SCALE 1 - 8, (1=POOR, 8=EXCELLENT).

4 / STAND ESTABLISHMENT - NUMBERS = APPROXIMATE YEARS FOR ESTABLISHMENT.

5 / FERTILIZER NEEDS - 0=NONE; 1=10-50 POUNDS OF N, 20-40 POUNDS OF P, 20-40 POUNDS OF K; 2=50-100 POUNDS OF N, 40-60 POUNDS OF P, 40-70 POUNDS OF K; 3=100+ POUNDS OF N, 60+ POUNDS OF P, 70+ POUNDS OF K. THE FIRST CATEGORY IS WHAT IS NEEDED TO MAINTAIN A HEALTHY STAND. THE SECOND CATEGORY IS THE HIGHEST AMOUNT EXPECTED TO GIVE A FAVORABLE RESPONSE ON DRYLAND. SOIL TEST RECOMMENDATIONS SHOULD ALWAYS BE USED ON IRRIGATED PASTURES AND OTHER INTENSIVELY MANAGED PASTURES.

6 / Ph RANGE - LOW AND HIGH Ph RECOMMENDED FOR THE SPECIES.

SUITABILITY GROUP H

(Not Suitable)

Description: This group includes various textures and phases of soils and land types which occur on a wide range of slopes and topography.

Limitations: Soils in this group are generally too shallow, erosive, gravelly, stony, or rocky; too steep, droughty, wet, clayey, or saline and alkaline for good survival or growth of pasture species.

Soils:
Breaks
Lucien complex
Owens clay loam, complex
Quinlan complex
Rock outcrops
Shale outcrops
Vernon sandy loam, soils, complex

Recommended Species: See Standards and Specifications for Critical Area Planting (342).