

'Forage Suitability' Something That Can Be Plotted, Used By Producers

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FORAGE SUITABILITY GROUP

Deep, channery, well drained, strongly acid, moderately steep upland soils

Adapted Forage Species List:

Cool Season Grasses

Bentgrass - Grazed only.
Perennial Ryegrass
Redtop
Reed Canarygrass
Spring Small Grains
Tall Fescue
Timothy
Winter Small Grains

Warm Season Grasses

Big Bluestem
Caucasian Bluestem
Corn, silage (Machine harvested) or grazed stalks
Crabgrass
Eastern Gamagrass
Foxtail Millet
Little Bluestem
Purpletop
Sorghum/Sudangrass and crosses
Switchgrass

Cool Season Legumes

Alsike Clover
Birdsfoot Trefoil
Black Medic - Grazed only
Crownvetch
Kura Clover
Ladino Clover
Red Clover
Vetch, Common
White Clover

Forage species listed are the ones adapted to the natural pH conditions found in this soil group. If limed, other species can be selected. See soil limitations section for list of species that become available.

Production Estimates:

Forage Crop (Commonly grown)	Level of Management	
	High	Low
Alfalfa	4 tons	2 tons
Clover, red or Ladino	3 tons	1.5 tons
Corn silage ^{1/}	21 tons	14 tons

Legume-grass 4 tons 2 tons

^{1/} Approximately 60 % water.

Pasture (Commonly grown)	Level of Management	
	High	Low
Tall fescue	7 aums	2.5 aums
Orchard-K. blue-white clover	4 aums	2 aums
Tall fescue-Ladino clover	8 aums	3 aums
Switchgrass	11 aums	6 aums

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Pasture Growth Curves:

Growth Curve Name: Tall fescue, 120-140 day growing season
Growth Curve Number: 361208
Description: Tall fescue dominated pasture, <5% legume.

Percent of Total Growth by Month

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
00	00	00	05	32	27	12	05	16	03	00	00

Growth Curve Name: Tall fescue-Ladino clover, 120-140 day growing season
Growth Curve Number: 361209
Description: Tall fescue pasture with a Ladino clover component 25-40 % by weight

Percent of Total Growth by Month

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
00	00	00	15	30	22	08	06	14	05	00	00

Growth Curve Name: Orchardgrass-K. blue-wh. clover, 120-140 day growing season
Growth Curve Number: 361205
Description: Orchardgrass pasture with K. bluegrass and white clover components 20-30 % each by weight.

Percent of Total Growth by Month

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
00	00	00	15	30	22	08	06	14	05	00	00

Growth Curve Name: Switchgrass, 120-140 day growing season
Growth Curve Number: 361213

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