

TABLE 11--LIVESTOCK GRAZING MANAGEMENT

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
101: Benka-----	Moderate: too sandy, frost action.	Slight.
102*: Benka sloping-----	Moderate: too sandy, frost action, slope.	Moderate: slope.
Benka moderately----- steep	Severe: slope, too sandy, frost action.	Moderate: slope.
103: Benka-----	Moderate: too sandy, frost action.	Slight.
104*: Benka-----	Moderate: too sandy, frost action.	Moderate: slope.
Liten-----	Severe: slope, too sandy.	Moderate: slope.
105: Bodenburg-----	Moderate: frost action.	Slight.
106*: Bodenburg sloping-----	Moderate: frost action, slope.	Moderate: slope.
Bodenburg moderately-- steep	Severe: slope, frost action.	Moderate: slope.
107*: Bodenburg steep-----	Severe: slope, frost action.	Severe: slope.
Bodenburg sloping-----	Moderate: slope, frost action.	Severe: slope.
108: Bodenburg-----	Moderate: frost action.	Moderate: short steep slopes.
109: Bodenburg silty-----	Moderate: frost action.	Slight.

* see footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
110*: Bodenburg silty,----- sloping	Moderate: frost action, slope.	Moderate: slope.
Bodenburg silty,----- moderately steep	Severe: slope, frost action.	Moderate: slope.
111: Bodenburg silty-----	Moderate: frost action.	Moderate: short steep slopes.
112*: Bodenburg steep-----	Severe: slope, frost action.	Severe: slope.
Bodenburg sloping-----	Moderate: frost action, slope.	Severe: slope.
Jim-----	Severe: slope, frost action, shallow bedrock.	Severe: slope.
113*: Chilligan-----	Severe: slope, too sandy.	Moderate: slope, wet soils.
Cryaquepts-----	Severe: wetness, too cobbly, frost action.	Moderate: slope, wet soils.
114*: Chilligan-----	Moderate: too sandy.	Moderate: wet soils.
Cryaquepts-----	Severe: wetness, too cobbly, frost action.	Moderate: wet soils.
115: Chunilna cool-----	Severe: wetness, coarse fragments, frost action, slope.	Moderate: slope, dense brush, wet soils.
116*: Cryaquepts----- depressional	Severe: wetness, too cobbly, frost action.	Severe: wet soils.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
117*: Cryods-----	Severe: slope, too stony, frost action.	Very severe: slope, rock outcrops, drainages.
118*: Cryods cool-----	Moderate: coarse fragments, slope.	Moderate: slope, wet soils, brush thickets.
Niklason moderately--- wet	Severe: too sandy and cobbly.	Moderate: slope, wet soils, brush thickets.
Qeni-----	Severe: too sandy and cobbly, wetness.	Moderate: slope, wet soils, brush thickets.
119*: Cryods-----	Severe: slope, frost action, variable soil materials.	Moderate: slope, wet soils, dense brush.
Cryaquepts cool-----	Severe: wetness, frost action, slope, variable soil materials.	Moderate: slope, wet soils, dense brush.
120*: Cryods low elevation--	Severe: slope, too cobbly and gravelly.	Very severe: slope.
Cryochrepts-----	Severe: slope, too cobbly and gravelly.	Very severe: slope.
121*: Cryods-----	Severe: slope, too gravelly, frost action.	Very severe: slope, rock outcrops.
122: Deception-----	Moderate: too cobbly, slope.	Slight.
123*: Deception sloping-----	Moderate: too cobbly, slope.	Moderate: slope.
Deception moderately-- steep	Severe: slope, too cobbly.	Moderate: slope.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
124*: Deception steep-----	Severe: slope, too cobbly.	Severe: slope.
Deception sloping-----	Severe: too cobbly, slope.	Severe: slope.
125: Deception-----	Moderate: too cobbly.	Slight.
126: Delyndia-----	Severe: too sandy.	Slight.
127*: Delyndia-----	Severe: too sandy.	Very severe: wet soils, organic soils.
Histosols-----	Severe: wetness, organic soils.	Very severe: wet soils, organic soils.
128: Disappoint-----	Severe: wetness, too cobbly, slope, frost action.	Moderate: wet soils.
129*: Eska sloping-----	Moderate: frost action, slope.	Moderate: slope.
Eska moderately steep-	Severe: slope, frost action.	Moderate: slope.
130*: Eska sloping-----	Moderate: frost action, slope.	Moderate: slope, rock outcrops.
Eska moderately steep-	Severe: slope, frost action.	Moderate: slope, rock outcrops.
Jim-----	Severe: slope, shallow bedrock, frost action.	Moderate: slope, rock outcrops.
131: Estelle-----	Moderate: too cobbly, slope, frost action.	Moderate: slope.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
132*: Estelle sloping-----	Moderate: too cobbly, slope, frost action.	Moderate: slope.
Estelle moderately---- steep	Severe: slope, too cobbly, frost action.	Moderate: slope.
133*: Estelle steep-----	Severe: slope, too cobbly, frost action.	Severe: slope.
Estelle sloping-----	Moderate: too cobbly, slope, frost action.	Moderate: slope.
134: Estelle-----	Moderate: too cobbly, frost action.	Slight.
135*: Estelle-----	Severe: slope, too cobbly, frost action.	Moderate: slope, wet soils.
Disappoint-----	Severe: wetness, too cobbly, frost action.	Moderate: slope, wet soils.
136*: Estelle-----	Moderate: too cobbly, slope, frost action.	Moderate: slope, wet soils.
Disappoint-----	Severe: wetness, too cobbly, frost action.	Moderate: slope, wet soils.
137: Flat Horn-----	Moderate: too sandy.	Slight.
138: Flat Horn-----	Moderate: too sandy, slope.	Moderate: slope.
139*: Flat Horn sloping----	Moderate: too sandy, slope.	Moderate: slope.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
139*: cont'd Flat Horn moderately-- steep	Severe: slope, too sandy.	Moderate: slope.
140*: Goldcord-----	Severe: too cobbly, shallow bedrock, slope.	Moderate: slope, rock outcrops, poorly drained areas.
Tsadaka-----	Severe: slope, too cobbly, frost action.	Moderate: slope, rock outcrops, poorly drained areas.
141*: Histosols-----	Severe: wetness, organic soils.	Very severe: wet soils, organic soils.
142: Histosols high----- elevation	Severe: wetness, organic soils, frost action.	Very severe: wet soils, organic soils.
143*: Kalambach gently----- sloping	Moderate: too gravelly, frost action.	Moderate: slope.
Kalambach moderately-- steep	Severe: slope, too gravelly, frost action.	Moderate: slope.
144*: Kalambach sloping-----	Moderate: too gravelly, slope, frost action.	Severe: slope.
Kalambach steep-----	Severe: slope, too gravelly, frost action.	Severe: slope.
145: Kalambach-----	Moderate: too gravelly, frost action.	Slight.
146*: Kalambach-----	Moderate: too cobbly, frost action.	Moderate: wet soils.
Disappoint-----	Severe: wetness, too cobbly, frost action.	Moderate: wet soils.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
147: Kashwitna-----	Moderate: too gravelly, frost action.	Slight.
148*: Kashwitna sloping-----	Moderate: too gravelly, slope, frost action.	Moderate: slope.
Kashwitna moderately-- steep	Severe: slope, too gravelly, frost action.	Moderate: slope.
149: Kashwitna-----	Moderate: too gravelly, frost action.	Slight.
150: Keba-----	Moderate: too sandy.	Slight.
151: Kichatna-----	Severe: too gravelly.	Slight.
152*: Kichatna sloping-----	Moderate: too gravelly, slope.	Moderate: slope.
Kichatna moderately--- steep	Severe: slope, too gravelly.	Moderate: slope.
153*: Kichatna steep-----	Severe: slope, too gravelly.	Severe: slope.
Kichatna sloping-----	Moderate: too gravelly, slope.	Severe: slope.
154: Kichatna-----	Severe: too cobbly.	Slight.
155*: Kichatna-----	Severe: slope, too gravelly.	Moderate: slope.
Deception-----	Severe: slope, too cobbly.	Moderate: slope.
156*: Kichatna-----	Severe: too gravelly.	Severe: slope.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
156*: cont'd Deception sloping-----	Moderate: too cobbly, slope.	Severe: slope.
Deception steep-----	Severe: slope, too cobbly.	Severe: slope.
157*: Kichatna-----	Severe: slope, too gravelly.	Moderate: slope.
Delyndia-----	Severe: too sandy.	Moderate: slope.
158*: Kichatna-----	Severe: too gravelly.	slight.
Delyndia-----	Severe: too sandy.	slight.
159*: Kidazqeni cool-----	Severe: too gravelly, slope, flooding.	Moderate: short steep slopes, flooding.
Niklason cool-----	Severe: slope, too sandy and gravelly, flooding.	Moderate: short steep slopes, flooding.
160: Kidazqeni-----	Severe: too gravelly, flooding.	Moderate: dense brush, flooding, short steep slopes.
161*: Kidazqeni moderately-- wet	Severe: too gravelly, flooding.	Moderate: dense brush, flooding.
Kidazqeni-----	Severe: too gravelly, flooding.	Moderate: dense brush, flooding.
162*: Kidazqeni-----	Severe: too gravelly, flooding.	Moderate: wet soils, dense brush, short steep slopes, flooding.
Niklason-----	Severe: flooding, too sandy and gravelly.	Moderate: wet soils, dense brush, short steep slopes, flooding.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
163*: Killey-----	Severe: wetness, flooding, frost action.	Severe: wet soils.
Moose River-----	Severe: wetness, flooding, frost action.	Severe: wet soils.
164: Knik-----	Moderate: too gravelly, frost action.	Slight.
165*: Knik gently sloping---	Moderate: too gravelly, slope, frost action.	Moderate: slope.
Knik moderately steep-	Severe: slope, too gravelly, frost action.	Moderate: slope.
166*: Knik steep-----	Severe: slope, too gravelly, frost action.	Severe: slope.
knik sloping-----	Moderate: too gravelly, slope, frost action.	Severe: slope.
167: Knik-----	Moderate: too gravelly, frost action.	Slight.
168*: Knik-----	Severe: slope, too gravelly, frost action.	Moderate: slope, wet soils.
Cryaquepts-----	Severe: wetness, too cobbly, frost action.	Moderate: slope, wet soils.
169: Liten-----	Severe: slope, too sandy.	Moderate: slope.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
171: Nancy-----	Moderate: too sandy, frost action.	Slight.
172*: Nancy sloping-----	Moderate: too sandy, slope, frost action.	Moderate: slope.
Nancy moderately----- steep	Severe: slope, too sandy, frost action.	Moderate: slope.
173*: Nancy steep-----	Severe: slope, too sandy, frost action.	Severe: slope.
Nancy sloping-----	Moderate: too sandy, slope, frost action.	Severe: slope.
174: Nancy-----	Moderate: too sandy, frost action.	Slight.
175*: Nancy-----	Moderate: too sandy, frost action.	Moderate: wet soils.
Cryaquepts-----	Severe: wetness, frost action.	Moderate: wet soils.
176*: Nancy sloping-----	Moderate: too sandy, slope, frost action.	Moderate: slope, dense brush.
Nancy moderately----- steep	Severe: slope, too sandy, frost action.	Moderate: slope, dense brush.
Tokositna-----	Severe: slope, frost action.	Moderate: slope, dense brush.
177*: Nancy steep-----	Severe: slope, too sandy, frost action.	Severe: slope, dense brush.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
177*: cont'd Tokositna-----	Severe: slope, frost action.	Severe: slope, dense brush.
Nancy sloping-----	Moderate: too sandy, slope, frost action.	Severe: slope, dense brush.
178*: Nancy-----	Moderate: too sandy, frost action.	Moderate: dense brush.
Tokositna-----	Moderate: frost action.	Moderate: dense brush.
180*: Psuyaah-----	Moderate: wetness, slope, frost action.	Moderate: slope, wet soils, dense brush.
Snowdance-----	Severe: wetness, slope, frost action.	Moderate: slope, wet soils, dense brush.
181*: Qeni cool-----	Severe: wetness, too sandy and cobbly.	Moderate: slope, low escarpments, poorly drained areas, flooding, channels.
Niklavar cool-----	Severe: wetness, flooding, frost action.	Moderate: slope, low escarpments, poorly drained areas, flooding, channels.
Cryods cold-----	Severe: slope, variable soil materials.	Moderate: slope, low escarpments, poorly drained areas, flooding, channels.
182*: Riverwash-----	Severe: flooding, wetness, river ice.	Moderate: channels, flooding, wet soils.
Niklavar-----	Severe: wetness, flooding, frost action.	Moderate: channels, flooding, wet soils.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
183*: Rock outcrop-----	Severe: slope, surface bedrock.	Very severe: slope, rock outcrops.
Cryumbrepts-----	Severe: slope, too cobbly, shallow bedrock.	Very severe: slope, rock outcrops.
184*: Siwash-----	Severe: slope, too gravelly, shallow bedrock, frost action.	Severe: slope, wet soils, dense brush, rock outcrops.
Talkeetna cool-----	Severe: slope, too gravelly, frost action.	Severe: slope, wet soils, dense brush, rock outcrops.
Snowdance-----	Moderate: wetness, frost action.	Severe: slope, wet soils, dense brush, rock outcrops.
185: Susitna-----	Moderate: too sandy.	Moderate: channels, poorly drained areas, dense brush.
186*: Susivar-----	Severe: wetness, flooding, frost action.	Severe: flooding, wet soils, dense brush.
Moose River-----	Severe: wetness, flooding, frost action.	Severe: flooding, wet soils, dense brush.
187*: Susivar-----	Severe: wetness, flooding, frost action.	Moderate: poorly drained or flooded areas, dense brush.
Niklavar-----	Severe: wetness, flooding, frost action.	Moderate: poorly drained or flooded areas, dense brush.
188: Talkeetna warm-----	Severe: slope, too gravelly, frost action.	Moderate: slope, brush thickets, poorly drained areas.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
189*: Talkeetna-----	Severe: slope, too gravelly, frost action.	Severe: slope, dense brush, poorly drained areas.
Talkeetna thick----- surface	Severe: slope, too gravelly, frost action.	Severe: slope, dense brush, poorly drained areas.
190*: Talkeetna warm-----	Severe: slope, too gravelly, frost action.	Moderate: slope, poorly drained areas, dense brush.
Talkeetna thick----- surface	Severe: slope, too gravelly, frost action.	Moderate: slope, poorly drained areas, dense brush.
191*: Talkeetna warm-----	Severe: slope, too gravelly, frost action.	Severe: slope, dense brush, poorly drained areas.
Talkeetna thick----- surface	Severe: slope, too gravelly, frost action.	Severe: slope, dense brush, poorly drained areas.
192*: Talkeetna low----- elevation	Severe: slope, too gravelly, frost action.	Severe: slope, dense brush, rock outcrops.
Deneka low elevation--	Severe: slope, shallow bedrock, frost action.	Severe: slope, dense brush, rock outcrops.
193*: Talkeetna warm-----	Severe: slope, too gravelly, frost action.	Severe: slope, poorly drained areas, dense brush.
Talkeetna thick----- surface	Severe: slope, too gravelly, frost action.	Severe: slope, poorly drained areas, dense brush.
Deneka-----	Severe: slope, shallow bedrock, frost action.	Severe: slope, poorly drained areas, dense brush.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
194*: Talkeetna cool-----	Severe: slope, too gravelly, frost action.	Moderate: slope, wet soils, dense brush.
Snowdance-----	Moderate: wetness, slope, frost action.	Severe: slope, wet soils, dense brush.
195*: Talkeetna cool-----	Severe: slope, too gravelly, frost action.	Moderate: slope, drainages, dense brush, wet soils.
Tsadaka-----	Severe: slope, too cobbly, frost action.	Moderate: slope, drainages, dense brush, wet soils.
Chunilna cool-----	Severe: slope, coarse fragments, wetness, frost action.	Severe: slope, drainages, dense brush, wet soils.
197*: Tokositna sloping-----	Moderate: frost action, slope.	Moderate: slope, dense brush.
Tokositna moderately-- steep	Severe: slope, frost action.	Moderate: slope, dense brush.
198*: Tokositna steep-----	Severe: slope, frost action.	Severe: slope, dense brush.
Tokositna moderately-- steep	Moderate: frost action, slope.	Severe: slope, dense brush.
199: Tokositna-----	Moderate: frost action.	Moderate: dense brush.
200*: Tokositna-----	Severe: slope, frost action.	Moderate: slope, dense brush, wet soils.
Chunilna-----	Severe: wetness, frost action.	Moderate: slope, dense brush, wet soils.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
201*: Tokositna-----	Moderate: frost action, slope.	Moderate: dense brush, slope, wet soils.
Chunilna-----	Severe: wetness, frost action.	Moderate: dense brush, slope, wet soils.
202*: Tsdaka-----	Severe: slope, too cobbly, frost action.	Moderate: slope, poorly drained areas.
Talkeetna cool-----	Severe: slope, too gravelly, frost action.	Moderate: slope, poorly drained areas.
203*: Typic Cryaquents-----	Severe: wetness, frost action.	Severe: wet soils.
204*: Typic Cryaquents----- coastal	Severe: too clayey, wetness, frost action.	Severe: wet soils.
205: whitsol-----	Moderate: frost action.	Slight.
206*: whitsol cool,----- moderately steep	Severe: slope, frost action.	Moderate: slope.
whitsol cool,----- sloping	Moderate: frost action, slope.	Moderate: slope.
207*: whitsol cool,----- sloping	Moderate: frost action, slope.	Severe: slope.
whitsol cool,----- steep	severe: slope, frost action.	Severe: slope.
208: whitsol silty-----	Moderate: frost action.	Slight.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
209*: whitsol silty,----- sloping	Moderate: frost action, slope.	Moderate: slope.
whitsol silty,----- moderately steep	Severe: slope, frost action.	Moderate: slope.
210*: whitsol till,----- sloping	Moderate: frost action, slope.	Moderate: slope.
whitsol till,----- moderately steep	Severe: slope, frost action.	Moderate: slope.
211: whitsol till-----	Moderate: frost action, slope.	Slight.
212: Yensus-----	Moderate: frost action.	Slight.
213*: Yensus gently sloping-	Moderate: frost action, slope.	Moderate: slope.
Yensus moderately----- steep	Severe: slope, frost action.	Moderate: slope.
214: Yensus-----	Moderate: frost action.	Slight.
215: Yohn-----	Moderate: too sandy.	Slight.
216: Yohn-----	Moderate: too sandy, slope.	Moderate: slope.
217*: Yohn-----	Moderate: too sandy, slope.	Moderate: slope.
Deception-----	Severe: too cobbly, slope.	Moderate: slope.
218*: Yohn-----	Severe: slope, too sandy.	Moderate: slope.

* See footnote at end of table

TABLE 11--LIVESTOCK GRAZING MANAGEMENT--Continued

Map symbol and soil name	Fencing limitation	Livestock distribution limitation
218*: cont'd Delyndia-----	Severe: slope, too sandy.	Moderate: slope.
219*: Yohn-----	Moderate: too sandy, slope.	Moderate: short steep slopes.
Flat Horn-----	Moderate: too sandy, slope.	Moderate: short steep slopes.

* See description of the map unit for composition and behavior characteristics of the map unit