

Section II
Soil and Site Information

Acreage and Proportionate Extent of the Soils
Custer and Pennington
Counties, Praire Parts, South
Dakota

Map symbol	Soil name	Acres	Percent
AaA	Altvan loam, 0 to 2 percent slopes-----	4,840	0.3
AaB	Altvan loam, 2 to 6 percent slopes-----	1,860	0.1
AaC	Altvan loam, 6 to 9 percent slopes-----	1,260	*
ArA	Arvada loam, 0 to 4 percent slopes-----	17,230	1.1
BaA	Baca silt loam, 0 to 4 percent slopes-----	5,040	0.3
Bb	Badland-----	64,360	4.0
BcB	Bankard loamy fine sand, 0 to 4 percent slopes-----	12,580	0.8
BfA	Beckton silt loam, 0 to 4 percent slopes-----	14,280	0.9
BhA	Beckton-arvada complex, 0 to 4 percent slopes-----	3,340	0.2
BkA	Blackpipe silty clay loam, 0 to 2 percent slopes-----	4,540	0.3
BkB	Blackpipe silty clay loam, 2 to 6 percent slopes-----	8,110	0.5
BlA	Blackpipe clay loam, 0 to 2 percent slopes-----	2,810	0.2
BlB	Blackpipe clay loam, 2 to 6 percent slopes-----	11,010	0.7
BnC	Blackpipe-norrest complex, 6 to 12 percent slopes-----	7,360	0.5
BoA	Blackpipe-wortman complex, 0 to 3 percent slopes-----	21,160	1.3
BoB	Blackpipe-wortman complex, 1 to 6 percent slopes-----	5,360	0.3
Bp	Bridgeport silt loam-----	2,760	0.2
Ca	Cactusflat silty clay-----	1,880	0.1
Cb	Cactusflat-weta complex-----	3,570	0.2
CeA	Cedarpass silty clay loam, 0 to 3 percent slopes-----	16,900	1.0
CfA	Cedarpass-denby complex, 0 to 3 percent slopes-----	16,040	1.0
Ch	Cedarpass-interior-badland complex-----	20,580	1.3
ClF	Colby silt loam, 9 to 40 percent slopes-----	2,430	0.2
CmC	Colby-norka silt loams, 6 to 15 percent slopes-----	4,910	0.3
Cn	Colombo loam-----	6,250	0.4
Co	Colombo loam, channeled-----	3,160	0.2
Cp	Colombo-urban land complex-----	1,080	*
CuD	Conata-hisle complex, 6 to 25 percent slopes-----	5,880	0.4
CyC	Cushman loam, 6 to 9 percent slopes-----	7,240	0.4
CzD	Cushman-shingle loams, 9 to 15 percent slopes-----	13,460	0.8
DmA	Denby silty clay, 0 to 3 percent slopes-----	3,190	0.2
Eg	Egas silty clay loam-----	2,980	0.2
EmA	Emigrant loam, 0 to 2 percent slopes-----	6,680	0.4
EmB	Emigrant loam, 2 to 6 percent slopes-----	16,240	1.0
EnD	Enning-minnequa silt loams, 9 to 25 percent slopes-----	7,080	0.4
FaE	Fairburn clay loam, 9 to 40 percent slopes-----	36,590	2.3
FgE	Fairburn gravelly clay loam, 15 to 45 percent slopes, bouldery-----	7,110	0.4
FhE	Fairburn-badland complex, 9 to 40 percent slopes-----	3,320	0.2
FoF	Fairburn-orella-badland complex, 15 to 45 percent slopes-----	26,470	1.6
Gb	Glenberg fine sandy loam-----	4,580	0.3
GrE	Grummit-rock outcrop complex, 6 to 40 percent slopes-----	8,300	0.5
GsD	Grummit-urban land complex, 9 to 30 percent slopes-----	480	*
Ha	Haverson silt loam-----	5,750	0.4
Hc	Haverson loam, channeled-----	3,590	0.2
HpB	Hisle silt loam, 0 to 6 percent slopes-----	10,510	0.7
HrC	Hisle-rock outcrop complex, 2 to 9 percent slopes-----	2,200	0.1
HsB	Hisle-slickspots complex, 0 to 6 percent slopes-----	2,930	0.2
Hv	Hoven silt loam-----	4,070	0.3
Hz	Hoven variant silty clay, ponded-----	460	*
In	Interior loam-----	3,890	0.2
Io	Interior loam, channeled-----	17,350	1.1
IrB	Interior-cedarpass-denby complex, 0 to 6 percent slopes-----	18,610	1.2
JaA	Jayem fine sandy loam, 0 to 3 percent slopes-----	5,390	0.3
JaC	Jayem fine sandy loam, 3 to 9 percent slopes-----	9,290	0.6
KtA	Kyle clay, 0 to 1 percent slopes-----	2,780	0.2
KyA	Kyle clay, 0 to 3 percent slopes-----	19,510	1.2
KyB	Kyle clay, 3 to 6 percent slopes-----	26,250	1.6
KyC	Kyle clay, 6 to 9 percent slopes-----	7,740	0.5
LaB	Larvie clay, 0 to 4 percent slopes-----	1,410	*
LaD	Larvie clay, 6 to 15 percent slopes-----	980	*
LhC	Larvie-hisle complex, 0 to 9 percent slopes-----	5,030	0.3
Lo	Lohmiller silty clay-----	15,770	1.0
Lp	Lohmiller silty clay, channeled-----	31,590	2.0
M-W	Miscellaneous water-----	80	*
MaB	Manvel silt loam, 0 to 6 percent slopes-----	3,860	0.2
MeC	Manvel-minnequa silt loams, 2 to 9 percent slopes-----	4,990	0.3
MgC	Manvel-urban land complex, 6 to 15 percent slopes-----	680	*
MoE	Midway silty clay loam, 15 to 40 percent slopes-----	33,700	2.1
MosE	Midway clay loam, 15 to 40 percent slopes, stony-----	12,680	0.8

See footnote at end of table.

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MpD	Midway-urban land complex, 9 to 30 percent slopes-----	290	*
MrC	Minnequa-penrose complex, 6 to 9 percent slopes-----	1,730	0.1
NdE	Nihill gravelly loam, 9 to 40 percent slopes-----	10,050	0.6
NeD	Nihill very gravelly loam, 0 to 25 percent slopes-----	670	*
NgA	Norka silt loam, 0 to 2 percent slopes-----	3,010	0.2
NgB	Norka silt loam, 2 to 6 percent slopes-----	4,310	0.3
NhA	Norka-weta silt loams, 0 to 3 percent slopes-----	4,120	0.3
NkD	Norrest silty clay loam, 6 to 15 percent slopes-----	21,550	1.3
NuA	Nunn loam, 0 to 2 percent slopes-----	56,480	3.5
NuB	Nunn loam, 2 to 6 percent slopes-----	70,447	4.4
NuC	Nunn loam, 6 to 12 percent slopes-----	17,780	1.1
NvA	Nunn-beckton complex, 0 to 3 percent slopes-----	11,860	0.7
NvC	Nunn-beckton complex, 3 to 9 percent slopes-----	3,410	0.2
NwA	Nunn-urban land complex, 0 to 3 percent slopes-----	2,470	0.2
ObE	Orella-badland complex, 9 to 45 percent slopes-----	24,010	1.5
OeE	Orella-interior-badland complex, 0 to 25 percent slopes-----	5,920	0.4
OtA	Ottumwa clay, 0 to 2 percent slopes-----	6,680	0.4
OtB	Ottumwa clay, 2 to 6 percent slopes-----	19,250	1.2
OvC	Ottumwa-razor complex, 6 to 9 percent slopes-----	7,630	0.5
Ow	Owanka clay loam-----	14,810	0.9
Ox	Owanka-beckton complex-----	8,500	0.5
PdF	Penrose-rock outcrop complex, 9 to 60 percent slopes-----	2,670	0.2
PeB	Pierre clay, 2 to 6 percent slopes-----	19,760	1.2
PeC	Pierre clay, 6 to 9 percent slopes-----	11,400	0.7
PeD	Pierre clay, 6 to 15 percent slopes-----	53,080	3.3
PgD	Pierre-grummit clays, 6 to 15 percent slopes-----	5,760	0.4
PhB	Pierre-hisle complex, 0 to 9 percent slopes-----	15,420	1.0
PkC	Pierre-urban land complex, 6 to 15 percent slopes-----	1,810	0.1
Ps	Pits, gravel-----	1,330	*
RaB	Razor silty clay, 2 to 6 percent slopes-----	3,840	0.2
RaC	Razor silty clay, 6 to 9 percent slopes-----	3,970	0.2
RbD	Razor-midway complex, 6 to 15 percent slopes-----	33,000	2.0
Rv	Riverwash-----	4,340	0.3
SbF	Samsil clay, 25 to 40 percent slopes-----	107,449	6.7
ScE	Samsil-pierre clays, 15 to 25 percent slopes-----	85,212	5.3
SdF	Samsil-rock outcrop complex, 25 to 75 percent slopes-----	28,220	1.7
SeA	Satanta loam, 0 to 2 percent slopes-----	45,060	2.8
SeB	Satanta loam, 2 to 6 percent slopes u-----	32,190	2.0
SeC	Satanta loam, 6 to 9 percent slopes-----	4,040	0.3
SgA	Satanta-beckton complex, 0 to 3 percent slopes-----	10,840	0.7
SkA	Satanta-urban land complex, 0 to 2 percent slopes-----	1,240	*
SkB	Satanta-urban land complex, 2 to 6 percent slopes-----	1,140	*
SmA	Savo silt loam, 0 to 2 percent slopes-----	9,130	0.6
SmB	Savo silt loam, 2 to 6 percent slopes-----	14,750	0.9
SmC	Savo silt loam, 6 to 9 percent slopes-----	5,900	0.4
SoB	Savo-urban land complex, 0 to 9 percent slopes-----	430	*
StE	Schamber-samsil complex, 15 to 40 percent slopes-----	10,300	0.6
SuE	Shingle loam, 15 to 25 percent slopes-----	8,170	0.5
SvF	Shingle-rock outcrop complex, 25 to 60 percent slopes-----	10,300	0.6
SzB	Swanboy clay, 0 to 6 percent slopes-----	3,100	0.2
TfA	Tilford silt loam, 0 to 2 percent slopes-----	460	*
VbD	Valent loamy fine sand, 6 to 25 percent slopes-----	4,810	0.3
VbwB	Valent-wortman loamy fine sands, 2 to 6 percent slopes-----	1,160	*
W	Water-----	8,700	0.5
WaA	Wanblee silt loam, 0 to 4 percent slopes-----	3,040	0.2
WbB	Wanblee-wortman silt loams, 0 to 4 percent slopes-----	17,680	1.1
WeA	Weta silt loam, 0 to 3 percent slopes-----	1,460	*
Wh	Whitelake fine sandy loam-----	930	*
WkA	Whitewater clay, 0 to 3 percent slopes-----	9,420	0.6
WoB	Whitewater-orella clays, 3 to 9 percent slopes-----	24,510	1.5
WwB	Wortman silt loam, 0 to 6 percent slopes-----	5,430	0.3
ZnD	Zigweid-nihill complex, 6 to 15 percent slopes-----	41,440	2.6
	Total-----	1,613,258	100.0

* Less than 0.1 percent.

See footnote at end of table.