

POTENTIAL CROPLAND LIMITATIONS AND HAZARD
 Nelson County Area, North Dakota

(See text for a description and criteria of the limitations and hazards listed in this table)

Map Symbol and Component Name	Cropland Limitations and Hazards
2: Parnell	High water table Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
3: Playmoor, saline	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Wind erosion
4: Southam	Alkalinity High water table Lime content Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
5: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Tonka	High water table Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
7: Parnell	High water table Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Salt content Wind erosion
10: Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
11B: Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
Buse	Alkalinity Lime content Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
 Nelson County Area, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
11C: Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
12B: Barnes	Pesticide and nutrient runoff
Svea	Pesticide and nutrient runoff
13D: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
Svea	Pesticide and nutrient runoff Slope Water erosion
13E: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
Svea	Pesticide and nutrient runoff Slope Water erosion
14D: Sioux	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
15: Borup	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Nelson County Area, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
17: Borup, saline	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Salt content Wind erosion
20: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Wind erosion
20B: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
21: Vallers, saline	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Wind erosion
Hamerly, saline	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Wind erosion
22: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
23: Cavour	Dense layer Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Cresbard	Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
24: Cresbard	Limited available water capacity Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Root limiting
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Nelson County Area, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
25: Miranda	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content
Cavour	Dense layer Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
26B: Cresbard	Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction
Barnes	Pesticide and nutrient runoff
27: Hamar	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
28E: Wamduska	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface stones Water erosion
29B: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
30: Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
31B: Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
32B: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
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Map Symbol and Component Name	Cropland Limitations and Hazards
33: Glyndon	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Wind erosion
34: Ladelle	Lime content Pesticide and nutrient runoff
35: Ladelle, channeled	Channels Flooding Pesticide and nutrient runoff
36B: Arvilla	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
37: Fordville	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
38B: Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
39E: Sioux	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
40: Divide	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
41: Vang	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
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Map Symbol and Component Name	Cropland Limitations and Hazards
42B: Brantford	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
43E: Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
44B: Walsh	Pesticide and nutrient runoff
44C: Walsh	Pesticide and nutrient runoff Slope Water erosion
45E: Zell	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
46C: Wamduska	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Mauvais	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Wind erosion
47: Lallie, saline	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
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Map Symbol and Component Name	Cropland Limitations and Hazards
48B: Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Barnes	Pesticide and nutrient runoff
70E: Kloten	Alkalinity Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
73: Lamoure	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
W: Water	Onsite required

