

Section II Soil and Site Information
 POTENTIAL CROPLAND LIMITATIONS AND HAZARD
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(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
F2A: Tonka	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
F3A: Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
F4A: Southam	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
F6A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F12A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F25A: Marysland	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F26A: Marysland	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F29A: Marysland	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F33A: Fossum	Alkalinity Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F37A: Venlo	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F38A: Arveson	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F42A: Borup	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F43A: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F44A: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F47A: Grano	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
F48A: Lindaas	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
F100A: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Tonka	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
F101A: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Wyard	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding
F117A: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
F118A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F119A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
F120A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Manfred	Alkalinity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
F122A: Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
F122B: Barnes	Pesticide and nutrient runoff
Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
F129B: Cavour	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Water erosion
Ferney	High sodium content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
F135A: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
F135B: Balaton	Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
F143A: Barnes	Pesticide and nutrient runoff
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
F143B: Barnes	Pesticide and nutrient runoff
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
F143C: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Langhei	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F143D: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Langhei	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F143F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
F144B: Barnes	Pesticide and nutrient runoff
Buse	Alkalinity Lime content Pesticide and nutrient runoff Surface crusting Wind erosion
F146B: Barnes	Pesticide and nutrient runoff
Buse	Alkalinity Lime content Pesticide and nutrient runoff Surface crusting Wind erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
F146C: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
F146F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
F147C: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
Darnen	Pesticide and nutrient runoff
F147D: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
F147F: Barnes	Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
F167B: Balaton	Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Wyard	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding
F179F: Buse	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
Barnes	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
F180B: Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
F180C: Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
F180D: Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
F181B: Bottineau	Pesticide and nutrient runoff
F181C:	

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Map Symbol and Component Name	Cropland Limitations and Hazards
Bottineau	Pesticide and nutrient runoff
F181D: Bottineau	Pesticide and nutrient runoff Slope Water erosion
F210A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Tonka	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
F211A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Wyard	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding
F216A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Surface crusting Wind erosion
F220A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting

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Map Symbol and Component Name	Cropland Limitations and Hazards
F221A: Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
F221B: Heimdal	Pesticide and nutrient runoff
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
F222B: Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
Uranda	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
F223D: Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Slope Surface crusting Water erosion
Uranda	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F225A: Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
F226A: Uranda	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
F227A: Emrick	Pesticide and nutrient leaching
Heimdahl	None
F229A: Heimdahl	Pesticide and nutrient runoff
Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff
F229B: Heimdahl	Pesticide and nutrient runoff
Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff
F229C: Heimdahl	Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sisseton	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
F229D: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sisseton	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
F229F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Heimdal	Pesticide and nutrient runoff Slope Water erosion
F230B: Heimdal	Pesticide and nutrient runoff
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Surface crusting Wind erosion
F231A: Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Heimdal	Pesticide and nutrient runoff
F231B: Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Heimdal	Pesticide and nutrient runoff
F231C: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F232B: Heimdal	Pesticide and nutrient runoff
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Surface crusting Wind erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
F232C: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
F232F: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
F233C: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Heimdal	Pesticide and nutrient runoff Slope Water erosion
Darnen	Pesticide and nutrient runoff
F233D: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F233F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Heimdal	Pesticide and nutrient runoff Slope Water erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
F250A: Divide	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F251A: Divide	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F269A: Fordville	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Renshaw	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
F271B: Arvilla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F272C: Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
Arvilla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
F272E: Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Arvilla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F275A: Renshaw	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
F276B: Renshaw	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff

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Map Symbol and Component Name	Cropland Limitations and Hazards
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Surface crusting Wind erosion
F302A: Vang	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
F302B: Vang	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
F304B: Binford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Surface crusting Wind erosion
F304C: Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
Binford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
F304E: Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Binford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F312B: Brantford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Surface crusting Wind erosion
F322A: Arveson	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Tiffany	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Wind erosion
F360A: Embsen	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Letcher	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Root limiting Wind erosion
F362A: Stirum	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Salt content Surface crusting Wind erosion
Arveson	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
F366A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
F367A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
F370A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F376A: Emlden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
F377B: Emlden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
F384B: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
F385B: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Claire	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
F399D: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Serden	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F410A: Fargo	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
F411A: Fargo	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Hegne	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
F412A: Hegne	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
F414A: Lallie	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F416A: Lallie	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
F425B: Mauvais	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
F426A: Minnewaukan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Wind erosion
F427C: Wamduska	Dense layer 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 Surface crusting Wind erosion
F428B: Mauvais	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

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Minnewaukan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Wind erosion
Minnewaukan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Wind erosion
F429C: Wamduska	Dense layer Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
Mauvais	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
F430A: Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F431A: Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F432A: Glyndon	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F438A: Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
Lindaas	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
F447A: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Borup	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
F449A: Grano	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F450A: Lallie	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
F451A: Hegne	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Hegne	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
F453A: Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Salt content Surface crusting Wind erosion
Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F460A: Aberdeen	Alkalinity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Root limiting

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Map Symbol and Component Name	Cropland Limitations and Hazards
Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F461A: Aberdeen	Alkalinity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Root limiting
Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
F469A: Ryan	Alkalinity High sodium content High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
F476A: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
F477B: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Eckman	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
F477C: Eckman	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Zell	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F481A: Overly	Pesticide and nutrient leaching
F482B: Great bend	Pesticide and nutrient runoff
Overly	Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion
F521A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F522A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
F523A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Channel	Onsite required

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Map Symbol and Component Name	Cropland Limitations and Hazards
Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
F546A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
F551A: Ryan	Alkalinity Flooding High sodium content High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Ludden	Alkalinity Flooding High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
F562B: La prairie	Alkalinity Flooding Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting
Channel	Onsite required

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Map Symbol and Component Name	Cropland Limitations and Hazards
F582B: Mekinock	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Edgeley	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
F585D: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Edgeley	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F596B: Darnen	Pesticide and nutrient runoff
F596C: Darnen	Pesticide and nutrient runoff Slope Water erosion
F612C: Barnes	Pesticide and nutrient runoff
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F615C: Heimdal	Pesticide and nutrient runoff

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Map Symbol and Component Name	Cropland Limitations and Hazards
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F638D: Udorthents	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F639D: Udorthents	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F680C: Barnes	Pesticide and nutrient runoff
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
F680F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F681C: Barnes	Pesticide and nutrient runoff

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Map Symbol and Component Name	Cropland Limitations and Hazards
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
F681F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F682C: Heimdahl	Pesticide and nutrient runoff
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
F682F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F690F: Brantford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
Buse	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
F700B: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Wyndmere	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
F732A: Barnes	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
F732B: Swenoda	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Barnes	Pesticide and nutrient runoff
F732C: Swenoda	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
F737B: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Barnes	Pesticide and nutrient runoff
F738C: Dickey	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
F739B: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Barnes	Pesticide and nutrient runoff
F749A: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Heimdal	Pesticide and nutrient runoff
F749B: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Heimdal	Pesticide and nutrient runoff
F750C: Dickey	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching

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Map Symbol and Component Name	Cropland Limitations and Hazards
FGp: Pits, gravel and sand	Pesticide and nutrient runoff Wind erosion Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface rock fragments Water erosion
FW: Water, intermittent	Onsite required
G2A: Tonka	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
G3A: Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
G4A: Southam	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
G6A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G12A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Parnell	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G25A: Marysland	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G26A: Marysland	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G27A: Marysland	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding

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Map Symbol and Component Name	Cropland Limitations and Hazards
G28A: Marysland	Surface crusting Wind erosion Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G33A: Fossum	Alkalinity Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G36A: Tiffany	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Wind erosion
G38A: Arveson	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G42A: Borup	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G43A: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G44A: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G48A: Lindaas	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
G52A: Rauville	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G53A: Rauville	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G54A: Lamoure	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G100A: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Tonka	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
G101A: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Wyard	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding
G116A: Easby	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G118A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
G120A: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Manfred	Alkalinity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
G122A: Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
G122B: Barnes	Pesticide and nutrient runoff
Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity

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Map Symbol and Component Name	Cropland Limitations and Hazards
G124A: Cresbard	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Cavour	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
G129B: Cavour	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Water erosion
Ferney	High sodium content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
G143A: Barnes	Pesticide and nutrient runoff
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
G143B: Barnes	Pesticide and nutrient runoff
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
G143C: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Langhei	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G143D: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Langhei	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G143F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
G144B: Barnes	Pesticide and nutrient runoff
Buse	Alkalinity Lime content Pesticide and nutrient runoff Surface crusting Wind erosion
G147C: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Barnes	Pesticide and nutrient runoff Slope Water erosion
Darnen	Pesticide and nutrient runoff
G147D: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
G147F: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
G167B: Balaton	Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Wyard	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding
G179F: Buse	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope

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Map Symbol and Component Name	Cropland Limitations and Hazards
Barnes	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
G180B: Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
G180C: Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
G180D: Bottineau	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
G210A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Tonka	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Restricted saturated hydraulic conductivity
G211A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Wyard	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding

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Map Symbol and Component Name	Cropland Limitations and Hazards
G216A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Surface crusting Wind erosion
G220A: Fram	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
G221A: Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
G221B: Heimdal	Pesticide and nutrient runoff
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
G222B: Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
Uranda	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

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Map Symbol and Component Name	Cropland Limitations and Hazards
G224A: Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
G225A: Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
Cathay	Pesticide and nutrient leaching Pesticide and nutrient runoff Root limiting
G226A: Uranda	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Larson	High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Salt content Surface crusting
G227A: Emrick	Pesticide and nutrient leaching
Heimdahl	None
G229A: Heimdahl	Pesticide and nutrient runoff
Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff
G229B: Heimdahl	Pesticide and nutrient runoff

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Map Symbol and Component Name	Cropland Limitations and Hazards
Emrick	Pesticide and nutrient leaching Pesticide and nutrient runoff
G229C: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sisseton	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G229D: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sisseton	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G229F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Heimdal	Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G230B: Heimdal	Pesticide and nutrient runoff
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Surface crusting Wind erosion
G231A: Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Heimdal	Pesticide and nutrient runoff
G231B: Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Heimdal	Pesticide and nutrient runoff
G231C: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G233C: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Heimdal	Pesticide and nutrient runoff Slope Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Darnen	Pesticide and nutrient runoff
G233D: Heimdal	Pesticide and nutrient runoff Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
G233F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Heimdal	Pesticide and nutrient runoff Slope Water erosion
Darnen	Pesticide and nutrient runoff Slope Water erosion
G234F: Esmond	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
Heimdal	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
Darnen	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope

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Map Symbol and Component Name	Cropland Limitations and Hazards
G250A: Divide	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
G251A: Divide	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
G252A: Wyrene	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
G254A: Divide	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
G269A: Fordville	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Renshaw	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
G271B: Arvilla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G272C: Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
Arvilla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
G272E: Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Arvilla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G275A: Renshaw	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
G276B: Renshaw	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff

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Map Symbol and Component Name	Cropland Limitations and Hazards
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Surface crusting Wind erosion
G302A: Vang	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
G302B: Vang	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
G304B: Binford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Surface crusting Wind erosion
G304C: Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
Binford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
G304E: Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Binford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G307A: Brantford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Kensal	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
G308A: Brantford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
G312B: Brantford	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Surface crusting Wind erosion
G316A: Falsen	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Garborg	Alkalinity Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G317A: Falsen	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
G319B: Lohnes	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Claire	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
G327A: Garborg	Alkalinity Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
G328A: Garborg	Alkalinity Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
G329A: Wyndmere	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
G358A: Letcher	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Root limiting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G362A: Stirum	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Salt content Surface crusting Wind erosion
Arveson	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
G366A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
G367A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
G369A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
Garborg	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
G370A: Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
G372A: Clontarf	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
G376A: Emlden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
G377B: Emlden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
G381B: Aylmer	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion
Bantry	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
G383B: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
G384B: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Pesticide and nutrient leaching Wind erosion
G385C: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
G426A: Minnewaukan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Wind erosion
G427C: Wamduska	Dense layer 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 Surface crusting Wind erosion
G431A: Bearden	Alkalinity Dense layer High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion
G432A: Glyndon	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G447A: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Borup	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
G461A: Aberdeen	Alkalinity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Root limiting
G476A: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
G477B: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Eckman	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
G477C: Eckman	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Zell	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G481A: Overly	Pesticide and nutrient leaching
G521A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G522A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
G523A: Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Channel	Onsite required
Lowe	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G551A: Ryan	Alkalinity Flooding High sodium content High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Ludden	Alkalinity Flooding High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
G558A: Aberdeen	Alkalinity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Root limiting
Ladelle	Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting
G562B: La prairie	Alkalinity Flooding Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting
Channel	Onsite required
G564A: Ladelle	Alkalinity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting
G565B: Ladelle	Alkalinity Flooding Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting

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Map Symbol and Component Name	Cropland Limitations and Hazards
Channel	Onsite required
G582B: Mekinock	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Edgeley	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
G585D: Heimdahl	Pesticide and nutrient runoff Slope Water erosion
Edgeley	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G586F: Edgeley	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Kloten	Alkalinity Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G596B: Darnen	Pesticide and nutrient runoff
G596C: Darnen	Pesticide and nutrient runoff Slope Water erosion
G600B: Walsh	Pesticide and nutrient runoff
G615C: Heimdal	Pesticide and nutrient runoff
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G680C: Barnes	Pesticide and nutrient runoff
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
G680F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion Benson County, North Dakota
G681C: Barnes	Pesticide and nutrient runoff
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
G681F: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G682C: Heimdal	Pesticide and nutrient runoff
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G682F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Sioux	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G683C: Heimdal	Pesticide and nutrient runoff
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Wind erosion
G683F: Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Coe	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
G700B: Vallers	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Wyndmere	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
G737A: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Barnes	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
G737B: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Barnes	Pesticide and nutrient runoff
G738C: Dickey	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

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Map Symbol and Component Name	Cropland Limitations and Hazards
G749A: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Heimdal	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
G749B: Towner	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Heimdal	Pesticide and nutrient runoff
G750C: Dickey	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Esmond	Alkalinity Lime content Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
GGp: Pits, gravel and sand	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface rock fragments Water erosion
GW: Water, intermittent	Onsite required

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Map Symbol and Component Name	Cropland Limitations and Hazards
M-W: Miscellaneous water	Onsite required
W: Water	Onsite required