TABLE A

MAXIMUM PERMISSIBLE IRRIGATION DITCH VELOCITIES AFTER AGING

| Soil Symbols (Examples) | Soil Names (Examples) | Common Classification | | | Velocities - Ft./Sec. | | |
|---|---|---|---|---|---|---|---|
| | | USDA | UNIFIED Description | UNIFIED Symbol | Clear Water | Water Transporting Colloidal Materials | Water Transporting Silts, Sands & Gravels |
| C6X, L6Q, L6T | Valentine, Thurman, Banks | Find sand, loamy sand (Very low in clay content) | Fine sands Silty sands | SW, SP SM | 1.50 | 2.50 | 1.50 |
| S5Q, S5X, S5T | Ortello, Anselmo, Cass, Wann | Sandy loam (Low in clay content) | Silty sands Sandy silts | SM ML | 1.75 | 2.50 | 2.00 |
| M4F1 | Keota, Mitchell | Silt loam (Low in clay content) Soils or soil materials from Brule | Sandy silts | ML | 2.00 | 3.00 | 2.00 |
| M4X, M4U | Haynie, Bridgeport, Volin | Alluvial silt, very fine sandy loam, silt loam (Low in clay content, high in silt content) | Sandy silts | ML | 2.00 | 3.50 | 2.00 |

TABLE A (continued)

MAXIMUM PERMISSIBLE IRRIGATION DITCH VELOCITIES AFTER AGING

| Soil Symbols (Examples) | Soil Names (Examples) | Common Classification | | | Velocities - Ft./Sec. | | |
|---|---|---|---|---|---|---|---|
| | | USDA | UNIFIED Description | UNIFIED Symbol | Clear Water | Water Transporting Colloidal Materials | Water Transporting Silts, Sands & Gravels |
| M34D, F34D, F3D, F3T M4D, M4T M4R, M4X | Hail, Hastings, Hord, Keith, Hobbs | Silt loam, silty clay loam (Low to moderately high in clay in surface, moderately high in clay in subsoil) | Sandy silts Clayey silts | ML, CL | 2.50 | 3.50 | 2.25 |
| F3X | Muir, Colo, Lamoure | Alluvial silt, silty clay loam (Moderately high in clay in surface and subsoil) | Clayey silts | ML, CL | 3.75 | 5.00 | 3.00 |
| H2K, H2T, H2X | Promise, Luton, Boyd | Silty clay, clay (High in clay) | Silty clays Clays | CH | 4.00 | 5.00 | 3.75 |
| 4H2K, 3H2K | Pierre | Shale, hardpan, clay | Clay, shale | CH | 6.00 | 6.00 | 5.00 |