

Mesic Inslope

Abbreviation: MI

| Purpose: | Inslopes within 15' of shoulder and standard width medians on roads with less than 30,000 cars per day (AADT). Sun or part shade, moderate soil moisture, mowed two or more times per year. | | | | |
|-----------------------|---|--------------|----------------------|---------------|---------------|
| Planting Area: | Statewide | | | | |
| Replaces: | 25-141 | | | | |
| Cost Estimate: | \$575/acre (25-141 averages \$320) | | | | |
| Common Name | Scientific Name | Rate (lb/ac) | % of Mix (by weight) | % by Seed | Seeds/ sq ft |
| Side-oats Grama | <i>Bouteloua curtipendula</i> | 5.00 | 7.70% | 1.24% | 11.03 |
| Meadow Brome | <i>Bromus bierbesteinii</i> | 7.00 | 10.77% | 0.90% | 8.03 |
| Slender Wheatgrass | <i>Elymus trachycaulus</i> | 5.00 | 7.69% | 1.43% | 12.67 |
| Virginia Wild Rye | <i>Elymus virginicus</i> | 5.00 | 7.69% | 0.87% | 7.71 |
| Sheep Fescue | <i>Festuca ovina</i> | 8.00 | 12.31% | 10.95% | 97.34 |
| Perennial Ryegrass | <i>Lolium perenne</i> | 12.00 | 18.46% | 6.72% | 59.78 |
| Timothy | <i>Phleum pratense</i> | 2.00 | 3.08% | 6.35% | 56.47 |
| Fowl Bluegrass | <i>Poa palustris</i> | 5.00 | 7.69% | 26.86% | 238.75 |
| Kentucky Bluegrass | <i>Poa pratensis</i> | 11.00 | 16.92% | 39.48% | 350.97 |
| | Grasses Subtotal | 60.00 | 92.31% | 94.81% | 842.76 |
| White Prairie Clover | <i>Dalea candida</i> | 0.75 | 1.15% | 0.59% | 5.23 |
| Purple Prairie Clover | <i>Dalea purpurea</i> | 0.75 | 1.15% | 0.46% | 4.13 |
| Hairy Golden Aster | <i>Heterotheca villosa</i> | 0.20 | 0.31% | 0.58% | 5.14 |
| Alfalfa | <i>Medicago sativa</i> | 2.00 | 3.08% | 1.17% | 10.41 |
| White Clover | <i>Trifolium repens</i> | 1.30 | 2.00% | 2.39% | 21.24 |
| | Forbs Subtotal | 5.00 | 7.69% | 5.19% | 46.17 |
| | Total | 65.00 | 100% | 100% | 888.93 |

Changes since 2014 mixes:

- Smooth brome replaced with meadow brome due to invasiveness concerns
- Canada bluegrass replaced with Sheep Fescue due to invasiveness concerns
- Added virginia wild rye and increased slender wheatgrass to increase diversity of cool season grass component
- Switchgrass replaced with Sideoats Grama to be more compatible with growth retardant management at guardrails
- Added prairie clovers to increase legume diversity and decrease attractiveness to deer
- Added hairy golden aster to aid in recolonizing roadside disturbances
- Reduced amount of alfalfa and white clover to reduce attractiveness to deer

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