

Michigan Supplemental Enhancement Activity

Soil Quality Enhancement Activity - SQL06 - Conversion of cropped land to grass-based agriculture for biomass or forage production and wildlife habitat.

| Plant Species | Planting rate (lbs/acre) for Grass-based agriculture use: | | |
|--|---|--|---|
| | Biomass | Forage | Wildlife Habitat |
| Cool Season Grasses | | | |
| Canada Wildrye | No information | Not recommended | 0.5 -2 in mixtures |
| Festulolium (short lived perennial) | Not recommended | 30 10 in mixtures | 4 in mixtures |
| Junegrass | Not recommended | Not recommended | 0.25 with 1.75 Canada wildrye and 3 Little Bluestem |
| Kentucky Bluegrass | Not recommended | 25-30 2-4 in mixtures | Not recommended |
| Meadow fescue | Not recommended | 20-30 | Not recommended |
| Orchardgrass | 15-18 | 16 3-6 in mixtures | 2-4 in a mix |
| Perennial Ryegrass (short lived perennial) | Not recommended | 25-35 | Not recommended |
| Reed Canarygrass, improved | 15 | 7-15 5-8 in mixtures | Not recommended |
| Smooth Bromegrass | 20 | 20 | Not recommended |
| Tall Fescue, improved | No information | 25-35 | Not recommended |
| Timothy | 10-15 | 8-15 | 2-3 in mixtures |
| Warm Season Grasses | | | |
| Big Bluestem | 10 PLS* | 10 PLS* | 0.5-2 PLS* in mixtures |
| Eastern Gamagrass | 10 PLS* | 8 PLS* | Not recommended |
| Indiangrass | 10 PLS* | 10 PLS* | 1.5-2 PLS* in mixtures |
| Little Bluestem | Not recommended | 8 PLS* | 3 PLS* in mixtures |
| Switchgrass | 10 PLS* | 5-8 PLS* | 0.25-1 PLS* in mixtures |
| Grass Mixtures | | | |
| | Not recommended | Orchard grass- 6.0 Smooth Bromegrass- 8.0 | Orchardgrass- 3.0 Timothy- 3.0 |
| | | Orchardgrass- 4 Smooth Bromegrass-8 Timothy -2 | Canada wildrye-1.75 Little Bluestem- 3 June grass- 0.25 |
| | | Kentucky bluegrass- 4 Timothy- 2 Orchardgrass- 6 | Little Bluestem- 2 Indiangrass- 1.5 Big Bluestem- 0.5 Canada wildrye-0.5 Switchgrass- 0.5 |
| | | | Big Bluestem- 2 Indiangrass- 2 Switchgrass- 0.5 Canada wildrye- 0.5 |

*Pure live seed: (Germination % * Purity %) ÷ 100

For Mixtures not specified, refer to conservation practice

- Conservation Cover (327) Table 4. General Mixtures for Wildlife Habitat.
- Pasture and Hayland Planting (512) Table 7. Seed Mixtures for Pasture and Hayland.

Planners may use the Michigan Seed Calculator for Conservation Cover plantings or the Pasture and Hay Seeding Calculator for biomass or forage. Calculators are found in section IV of the Field Office Technical Guide (eFOTG).