



# Recommended Seeding Dates for Restoration Projects

## Recommended Dates / Vegetation Type

Vegetation Type	Spring/Early Summer	Mid-Summer	Early Fall	Late Fall (Dormant Seeding)	Snow Seeding
Prairie Grasses	Apr.15 - Jun 30	*	Aug 1 - Oct 1	Oct 15 - Frozen Soil	Feb 15 - April 7
Prairie Sedges and Forbs	Apr.1 - Jun 30	*	Aug 1 - Oct 1	Oct 15 - Frozen Soil	Feb 15 - April 7
Wetland Grasses	Apr.1 - Jun 30	*	Aug 1 - Oct 1	Oct 15 - Frozen Soil	Feb 15 - April 7
Wetland Sedges and Forbs	Apr.1 - Jun 30	*	Aug 1 - Oct 1	Oct 15 - Frozen Soil	Feb 15 - April 7
Native Construction Mix	Apr.1 - Jun 30	*	Aug 1 - Oct 1	Oct 15 - Frozen Soil	Feb 15 - April 7
Oats Cover	Apr.1 - Jun 30	*	**	Oct 15 - Frozen Soil	Feb 15 - April 7
Winter Wheat Cover	**	*	Aug 1 - Oct 1	Oct 15 - Frozen Soil	Feb 15 - April 7

### Success Rates:

High Success Rates
Medium Success Rates
Low Success Rates
* Not Recommended Without Watering
** Not Recommended

**Note:** Planting dates will vary from northern to southern Minnesota.

**Notes about success rates:** Success is less predictable for optional vegetation types and seeding dates, so use the recommended dates for each vegetation type unless construction sequencing or other factors make that impossible. For example, if the state of Minnesota "Native Construction" mix is used in early fall, watering is recommended to aid establishment.

### Seeding Techniques:

If the mix is dormant seeded, annual rye grass can be added as a cover crop and mulch is recommended to protect the seed over winter.

**Snow seeding** should be conducted during late winter when there is less than a foot of snow and on sunny days when seed can move to the soil surface. Snow seeding should be avoided in areas of ponding or flowing water. Refer to the Minnesota Wetland Restoration Guide for more information about snow seeding.

**Cover crop species** are included in state seed mixes. Oats (*Avena sativa*) should be used in spring or summer, and winter wheat (*Triticum aestivum*) in fall. If a project is focused on stabilization and slopes are between 5-10%, cover species should be increased to 35 pounds per acre. If slopes are more than 10%, cover species should be increased to 56 pounds per acre.