

## Adapting NDOR's Roadside Seed Mixtures for Local Site Conditions Project RHE-07

### NDOR Implementation of Results

Research results from the “Adapting NDOR's Roadside Seed Mixtures for Local Site Conditions” project can be partitioned into two categories: seed mixture composition and stand management.

#### Seed Mixture Composition

**Type A mixtures** – RSU will increase the seeding rates of warm-season tall grasses, especially in Region C. NDOR will decrease the seeding rate of switchgrass; the research results indicated that the species can become dominant in the stand.

Eastern gamagrass and tall fescue are no longer used in NDOR seed mixtures.

Sand dropseed will be added to Type A mixtures in Region F.

**Type B mixtures** – Sand dropseed has become a frequent component in Type B mixtures because it is a warm season, native grass that is cost-effective and readily available.

Tall fescue seeding rates have been drastically reduced.

In Regions A and F, RSU will consider reducing the seeding rates of blue grama and western wheatgrass.

**Both Type A and Type B** – For Region D (Sandhills), RSU has developed mixtures with species composition that includes more sand-adapted species.

#### Stand Management

The report's mowing recommendation coincides with NDOR's objective to mow prior to Memorial Day and prior to Labor Day. Having the recommendation gives a boost to an existing practice.

NDOR will wait for results from the wildflower research study, currently underway, before implementing the recommendation for interseeding warm season grasses and flowers.