

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
GRASS SEED TESTING

RSD:YGG

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APPR:DMG:JN:03-14-24
FHWA:APPR:03-18-24

a. Description. This work requires the sampling and testing of grass seed and grass seed mixes for each lot on all projects that include more than 24,200 square yards (5 acres) or 1100 pounds of cool season grass(es) by an independent seed testing laboratory prior to placement. If the Engineer suspects a problem with quality and mix design, sampling and testing frequency may be increased. Tags from seed bags are not a substitution for testing results.

b. Sampling Rate. Take one sample for each bag for the first 5 bags, plus 10 percent of the remaining bags, up to 30 total samples. Samples will be tested by probe or thrusting the hand into the bulk container and withdrawing representative portions. Combine and mix samples thoroughly. Submit a minimum of 8 ounces of seed to one of the following:

1. Michigan Crop Improvement Association (<http://www.michcrop.com/>);
2. Ohio Seed Improvement Association (<http://ohseed1.org/>);
3. Indiana Crop Improvement Association (<http://www.indianacrop.org/>);
4. Wisconsin Crop Improvement Association (<http://wcia.wisc.edu/>); or
5. An Engineer approved equal testing facility.

Ensure a representative from the Department is present at the time of sampling.

c. Testing Requirement. Ensure seed is tested in accordance with the *Proceedings of the Association of Official Seed Analysts*, "Rules for Testing Seeds". Sampling may occur at the supplier's facility.

d. Test Result Submittal. Submit test results to the Engineer for approval at least 14 calendar days prior to placement of the seed on the project.

e. Submittal Evaluation. The Engineer will review the test results to verify the percentages of the varieties correlate with the specified amounts in the proposed design mix ± 2 percent. Ensure the purity, inertness, weed, other crop, and germination meet the requirements of the project. Ensure seed varieties are on the Qualified Products List (917.11). Quantities smaller than 24,200 square yards or 1100 pounds will be visually inspected for acceptance.

f. Measurement and Payment. The completed work, as described, will not be paid separately but will be included in the cost for providing the seed.