

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
MATERIALS CONTROL, SOILS AND TESTING DIVISION

MATERIALS PROCEDURE

SEED ACCEPTANCE CRITERIA

1.0 PURPOSE

- 1.1 To provide an interpretation of existing Specifications governing seed used on Division projects.

2.0 SCOPE

- 2.1 The interpretation set forth herein shall apply to all seeding operations.
- 2.2 Provide instructions for use by Division field personnel as to acceptance and documentation of material.

3.0 CRITERIA FOR ACCEPTANCE

- 3.1 Specifications governing seed varieties as set forth in the West Virginia Division of Highways Standard Specifications Roads and Bridges shall be interpreted to mean that all seeds utilized on Division projects shall be a commercial variety meeting the definitions and requirements of the West Virginia Seed Law as well as any applicable Federal laws and regulations.
- 3.2 Each container of any variety of seed used on Division projects will bear a "vendors tab" of analysis. Said tag will contain such information as LOT number, germination, purity, weed seed, etc.
- 3.3 Seed bearing a vendor tag with a test analysis date in excess of twelve (12) months (excluding the month of test) is not to be used, and shall be removed from the project.

3.4 All stored material shall be inspected. Those containers exhibiting improper storage shall not be used and are to be removed from the project.

3.5 If the claimed analysis, listed on the vendors tag, is below that set forth in Specification requirements, then adjustments to the application rate shall be made. Such adjustments shall be in accordance with Paragraph 4.

4.0 ADJUSTING FOR APPLICATION RATE

4.1 Subsequent to receipt of seed at job site, the project engineer or supervisor will compare the test results shown on the vendor tags with those of the governing Specification requirements.

4.1.2 If the percent germination and/or percent purity of each seed is below that of the project Specification requirements, the seed weight per hectare shall be computed for adjustments as follows. (The equation yielding the maximum kilos of seed per acre shall govern).

4.1.2.1
$$\frac{(G_s)(W_s)}{G_t} = W_n$$

G_s = Percent germination specified.

G_t = Percent germination on vendor tag.

W_s = Kilo of seed per hectare as specified on plans, or special provisions.

W_n = The required kilos of seed per acre.

4.1.2.2
$$\frac{(P_s)(W_s)}{P_t} = W_n$$

P_s = Percent purity specified.

P_t = Percent purity on vendor tag.

W_s = Kilos of seed per hectare as specified on plans or special provisions.

W_n = The required kilos of seed per hectare.

4.1.3 If the percent germination and percent purity indicated on the vendor tags exceed the governing Specification requirements, the above formula do not apply.

4.1.4 If a maximum percent weed seed content is specified, and the percent weed seed stamped on the vendor tag exceeds the specified limit, the seed is not to be used, and shall be removed from the project.

5.0 DOCUMENTATION

5.1 Coverage for seed shall be obtained by entering the following information from the vendors tag on Form HL-440.

5.1.1 Name of vendor.

5.1.2 Lot number.

5.1.3 Type of Seed.

5.1.4 Quantity.


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