

RUTGERS COOPERATIVE EXTENSION

NEW JERSEY AGRICULTURAL EXPERIMENT STATION

Presidedress Soil Nitrate Test (PSNT) Equipment and Laboratories

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The advantages and procedures for using the PSNT are discussed in Fact Sheets 569 and 760. To use the PSNT effectively, however, growers and crop consultants need accurate soil test results as quickly as possible if they are to make timely nutrient application decisions. A soil sampling probe with a tube that can extract 12-inch soil cores is also needed. The purpose of this fact sheet is to list the potential options for testing equipment and some available soils labs that can perform the test. Prices and turnaround time may vary, and this list is in no way meant to be an endorsement of any products or soils laboratories listed. Other suppliers or laboratories may be used. It is recommended that you call the soil testing laboratories first to make sure results can be obtained within the time remaining to apply sidedress nitrogen applications. Many labs will report results for the PSNT by telephone or FAX.

1. Dealers for soil nitrate quick tests that can be used on the farm:

Hawk Creek Laboratory
RD 1, Box 686, Simpson Rd.
Glen Rock, PA 17327
1-800-637-2436

Spectrum Technologies, Inc.
12010 South Aero Drive
Plainfield, IL 60544
1-800-248-8873

Hach Company
100 Dayton Ave.
Ames, IA 50010
1-800-227-4224

2. Soil Test Laboratories that can test soil nitrate for the PSNT:

University of Delaware
Dept. of Plant and Soil Science
Newark, DE 19717-1392
Phone: 302-831-1392

Penn State University
Ag Analytical Services Lab
University Park, PA 16802
Phone: 814-863-0841

3. Dealers for soil sampling tools:

Forestry Suppliers, Inc.
205 West Rankin Street
P.O. Box 8397
Jackson, MS 39284-8397
1-800-647-5368

Ben Meadows Company
3589 Broad Street
Atlanta, GA 30341
1-800-241-6401



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