



Bulk Density Testing for Nursery and Greenhouse Managers

Bulk density testing is now available for soilless media.

Bulk density is not available as a stand-alone test, but only as an extra test (\$10) with the standard media analysis.

Standard analysis is \$5 per N.C. grower sample (\$12 for N.C. research; \$25 for out-of-state) and includes nitrate-nitrogen, ammonium-nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, iron, zinc, manganese, copper, boron, aluminum, sodium, chloride, pH and electrical conductivity/soluble salts.

Media sampling: Growers should collect a representative sample and submit it in TWO one-gallon Ziploc bags. One bag will be used for the media analysis and one for the bulk density test.



Sample Submission: Growers should specify in the Comments section that bulk density (BD) is requested and include payment for \$15 per sample (\$5 for media analysis; \$10 for bulk density test)

Form AD-8 (February 2012)

SOILLESS MEDIA SAMPLE INFORMATION

FOR OFFICE USE ONLY
REPORT #
DATE REC'D
INITIAL

N.C.D.A. & C.S. Agronomic Division
Mailing Address: 1040 Mail Service Center, Raleigh, NC 27699-1040
Physical Address (UPS/FedEx): 4300 Reedy Creek Road, Raleigh, NC 27607
Phone: (919) 733-2655 Web Address: www.ncagr.gov/agronomi

SAMPLE TYPE
(circle one / see instructions)
Predictive (\$5) Diagnostic (\$5)
OR
Research (\$12) Out of State (\$25)

SAMPLE INFORMATION		PAYMENT	GROWER INFORMATION (please print)		CONSULTANT/OTHER RECIPIENT			
FARM ID My Farm	FEE TOTAL \$15	AMT PAID \$15	LAST NAME Farmer	FIRST NAME John	LAST NAME Advisor	FIRST NAME Jane		
SAMPLED BY <input type="checkbox"/> Grower <input type="checkbox"/> N.C.D.A.C.S. Agronomist <input checked="" type="checkbox"/> Advisor <input type="checkbox"/> Coop. Ext. Agent	METHOD OF PAYMENT <input type="checkbox"/> CASH <input checked="" type="checkbox"/> CHECK (payable to N.C.D.A. & C.S.)		ADDRESS 12345 Elm St.		ADDRESS 6789 Oak St.			
SAMPLE DATE 7-1-17	<input type="checkbox"/> MONEY ORDER <input type="checkbox"/> ESCROW (provide account name below)		CITY Raleigh	STATE NC	ZIP 27607	CITY Raleigh	STATE NC	ZIP 27607
COUNTY (where collected) Wake			PHONE (919) 555-5555			PHONE (919) 555-0000		
NUMBER OF SAMPLES 1			E-MAIL ADDRESS john.farmer@email.com			E-MAIL ADDRESS jane.advisor@email.com		

For each sample, please collect 1-2 quarts of media in a 1-gallon plastic bag.

LAB NUMBER (leave blank)	SAMPLE ID	MEDIA CODE ¹	MEDIA TYPE ²	FERT TYPE ³	SAMPLE TYPE ⁴	CROP (scientific or common name)	PLANTING DATE ⁵	SOLUTION	CORRESPONDING SAMPLE ID	PLANT	COMMENTS (fertilizer details, crop appearance)
1	H101451E1	NUR	PBB	CRF	PRE	pecan	n/a				Add BD
2											
3											

Turnaround time: 3-4 days from receipt

Send samples to:

N.C.D.A. & C.S. Agronomic Division: Solutions Lab

Mailing address (USPS):

1040 Mail Service Center, Raleigh, NC 27699

OR

Physical address (UPS, FedEx):

4300 Reedy Creek Rd, Raleigh, NC 27607

For more detailed information, visit the Soilless Media Analysis page at www.ncagr.gov/agronomi or contact us at (919) 733-2655.