

*** REQUIRED**

SOILLESS MEDIA SUBMISSION

OFFICE USE ONLY	
REPORT #	
DATE REC'D	
INITIAL	



*
 In State (\$5) **OR** Out of State (\$25)

 * Predictive **OR** Diagnostic

NCDACS Agronomic Division Soilless Media Section
 Mailing Address: 1040 Mail Service Center, Raleigh NC 27699-1040
 Physical Address (UPS/FedEx/DHS): 4300 Reedy Creek Rd, Raleigh NC 27607
 Phone: (919) 664-1600 <https://www.ncagr.gov/divisions/agronomic-services>

PAYMENT

*** CLIENT**

ADVISOR

FARM ID	FEE TOTAL \$ _____ AMT PAID \$ _____	LAST NAME	FIRST NAME	LAST NAME	FIRST NAME		
SAMPLING DATE	* METHOD OF PAYMENT : <input type="checkbox"/> CASH /CHECK <input type="checkbox"/> PAY ONLINE (CC) <input type="checkbox"/> ESCROW ACCOUNT: (provide Account Name or #) _____	MAILING ADDRESS		MAILING ADDRESS			
* COUNTY <i>(WHERE COLLECTED)</i>		CITY	STATE	ZIP	CITY	STATE	ZIP
NUMBER OF SAMPLES		EMAIL ADDRESS		EMAIL ADDRESS			
	* Party Responsible for Payment : _____	PHONE	PALS Client Account #	PHONE	PALS Client Account #		

LAB NUMBER <i>(lab use only)</i>	* SAMPLE ID	* MEDIA CODE	MEDIA TYPE	FERT TYPE	* PRE or POST	CROP	CORRESPONDING SAMPLE ID <input type="checkbox"/> Solution <input type="checkbox"/> Waste <input type="checkbox"/> Nematode <input type="checkbox"/> Plant	Molybdenum (\$2)	Bulk Density (\$10)
								<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>

MEDIA CODE GHF = GH Floriculture GHV = GH Vegetable NUR = Nursery Crop TOB = Tobacco Transplants OTH = Other	MEDIA TYPE PMB = Peat Moss Based PBB = Pine Bark Based PER= Perlite Based OTH = Other UNK= Unknown	FERTILIZER TYPE LIQ = Liquid or Fertigation CRF= Controlled Release NON = None OTH = Other UNK= Unknown	DIAGNOSTIC SAMPLE COMMENTS _____ _____ _____ _____
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Thank you for using agronomic services to manage nutrients and safeguard environmental quality. — Steve Troxler, Commissioner of Agriculture

TIPS:

- Submit media samples in a clean, well-sealed plastic bag.
- Submit a minimum of one quart of media. Two quarts are preferable.
- For detailed sampling instructions, go to <http://www.ncagr.gov/agronomi/pdffiles/samsme.pdf>.

HOW TO COLLECT A SAMPLE

Soilless media can be tested pre-plant (in bulk) or post-plant (in container). A representative sample consists of a mixture of 5 to 10 subsamples.

PRE-PLANT—Subsamples from dry, bulk substrates should be collected from the center of individual bags or from random areas in the central part of the stock pile. For accurate pH measurement, samples from dry substrates should be moistened before being sent to the lab.

POST-PLANT—Subsamples should be collected from areas under the same set of conditions (i.e., plant species, stresses, appearance and management practices), NOT be taken from containers that are located on the edges of a bench or block, and NOT be taken from the top or bottom inch of container media.

To collect samples from small pots:

- ⇒ remove the root mass
- ⇒ pinch edges of media from the middle of the root mass of several pots



To collect samples from large pots:

- ⇒ brush aside the top one inch of media
- ⇒ use a probe or trowel to collect media from the middle of several pots



HOW TO SUBMIT A SAMPLE

If you wish to receive recommendations from NCDA&CS, please provide information regarding the intended use of the sample.

The standard media analysis includes nitrate-nitrogen, ammonium-nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, iron, zinc, manganese, copper, boron, sodium, chloride, aluminum, pH, hardness, electrical conductivity/soluble salts, sodium adsorption ratio. Molybdenum (Mo) is available by request for \$2 and bulk density (BD) is available for \$10 per sample. They are not available as stand alone tests.

REPORT TYPE — **The standard analysis does not differ based on the report type selected.** Predictive (\$5 for N.C. residents; \$25 for out of state samples) analysis is a routine check of mineral content with basic recommendations. Diagnostic (\$5 for N.C. residents; \$25 for out of state samples) analysis helps solve suspected problems and provides detailed interpretation and recommendations.