



Maryland Department of Agriculture

Office of Resource Conservation
Nutrient Management Program

The Wayne A. Cawley, Jr. Building
50 Harry S. Truman Parkway
Annapolis, Maryland 21401

Agriculture | Maryland's Leading Industry

410-841-5959 Baltimore/Washington
800-492-5590 Toll Free
mda.maryland.gov Web

University of Maryland Agricultural Nutrient Management Webinar March 22, 2016 Course # 2198

Post-Program Quiz for Agricultural NM CEUs

Complete this quiz with the information you learn from the Webinar presentations.

You must answer all the items correctly and submit this form to MDA to earn **1 Maryland Agricultural Nutrient Management continuing education credits**. Be sure to print your answers clearly. You must also include your printed name and the number as shown on your Maryland NM certificate or applicator voucher, your signature, date completed and your contact information.

Email Tia.Randall-Murray1@maryland.gov or mail completed form to: **MDA Nutrient Management Program, 50 Truman Pkwy #201, Annapolis MD 21401**, no later than 3 business days after you view the program. Keep a copy for your records.

Beneficial Use of Gypsum

True or False

- 1) _____ Gypsum is a naturally occurring mineral, can be synthesized chemically, and is a waste product of several industries.
- 2) _____ In the soil, gypsum acts the same way as lime, neutralizing soil acidity.
- 3) _____ Gypsum can reduce the concentration of phosphorus in the soil solution.
- 4) _____ Gypsum can reduce the soluble aluminum in subsoils thus improving conditions for root exploration.
- 5) _____ Gypsum can lower Mehlich 3 soil test phosphorus levels in soils.
- 6) _____ Gypsum curtains adjacent to field ditches can reduce the soluble P concentrations in drainage water.
- 7) _____ Gypsum can poison ruminant animals, so grazing should be avoided until any applied gypsum is washed off plant leaves by rainfall.
- 8) _____ Gypsum applied over an application of poultry litter can reduce the concentration of soluble phosphorus in runoff.

- 9) _____ Excessive rates of gypsum application can reduce the exchangeable potassium and magnesium in soil.
- 10) _____ Surface application of gypsum can immediately improve subsoil conditions, thus allowing better root penetration.

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I certify that I have viewed this program and am entitled to receive continuing education credits toward renewal of my Maryland Agricultural Nutrient Management certification or voucher. I understand that this **form may not be copied or distributed** to persons who did not participate in the program, that **online presentations for viewing may be withdrawn without notice**, and that **quizzes submitted after that time will not be accepted** for NM CEUs.

<i>Printed Name</i>	<i>Signature</i>
<i>Date</i>	<i>NM Certificate or Applicator Voucher Number</i>
<i>Daytime phone</i>	<i>Email</i>