



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

Managing Risk in a Changing Climate - Dr. Sara Via

March 27, 2017

Course #3042

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**. Circle the correct answer for each question. 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.

E-Mail Tia.Randall-Murray1@maryland.gov or mail completed form to:

MDA Nutrient Management Program, 50 Harry S. Truman Pkwy Rm. 201, Annapolis MD 21401

This program was approved for 1 CEU. **Keep a copy for your records.**

True or False- please write True (T) or False (F) in the space provided.

- 1) _____ A benefit of climate change for agriculture is warmer winters and earlier springs.
- 2) _____ To prevent frost damage to orchards it is better to plant them in low areas instead of hilltops to protect them from wind.
- 3) _____ Because CO₂ is an essential component of photosynthesis, increasing levels of CO₂ in the atmosphere will increase photosynthesis and crop yields.
- 4) _____ Scientists have been able to measure CO₂ levels in the atmosphere going back 800,000 years.
- 5) _____ Growing degree days have recently increased the most in Western Maryland.
- 6) _____ Insulating poultry houses with spray foam insulation is a very cost-effective way of reducing heat stress to poultry.
- 7) _____ Planting “bachelor buttons” every 4th row with celery reduces insect damage to the celery crop by attracting beneficial insects.

- 8) _____ A strategy for reducing weed pressure on crops is to plant a cover crop between the rows of the main crop.
- 9) _____ Under certain circumstances, corn leaf “rolling” during a drought can lead to a 12% loss of yield within 12hrs.
- 10) _____ Rock solid evidence that recent increases in CO2 levels in the atmosphere are not just due to the natural fluctuations, is that in the past 800,000 years, CO2 levels never went above 300ppm, but just recently have exceeded 400ppm, coinciding with the exponential increase in burning fossil fuels by humans.

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.

Printed Name _____

Signature _____

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