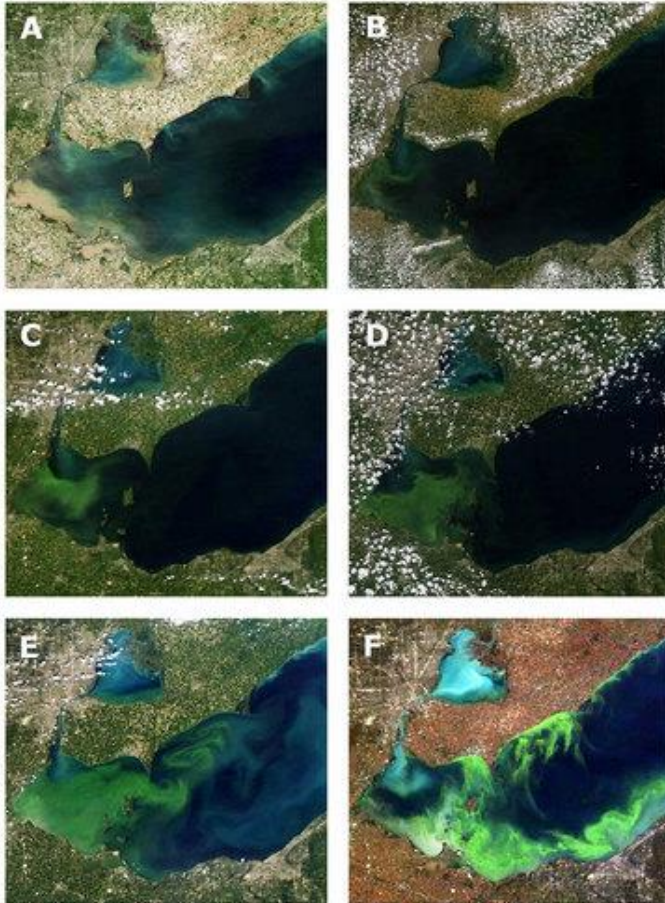


A large, stylized leaf graphic is the central focus of the page. It is filled with various images related to agriculture and business. The top left shows a white ammonia tank with "ANHYDROUS AMMONIA" and "1005" written on it. The top right shows a red tractor in a green field. The middle left shows stacks of US dollar bills and several stalks of golden wheat. The middle right shows a large industrial facility with silos. The bottom left shows a close-up of green corn plants. The bottom right shows a pair of hands holding a small amount of yellow grain. The leaf graphic is white with a green outline and is set against a white background.

ADVOCATING for Ohio agribusiness
by creating a **SUSTAINABLE BUSINESS
CLIMATE THROUGH
collaborative policy leadership,
CONTINUOUS EDUCATION and
effective communication.**

A Green Lake Erie?

2



2011 Lake Erie Algal Bloom

A. June 1

B. July 19

C. July 31

D. August 11

E. September 3

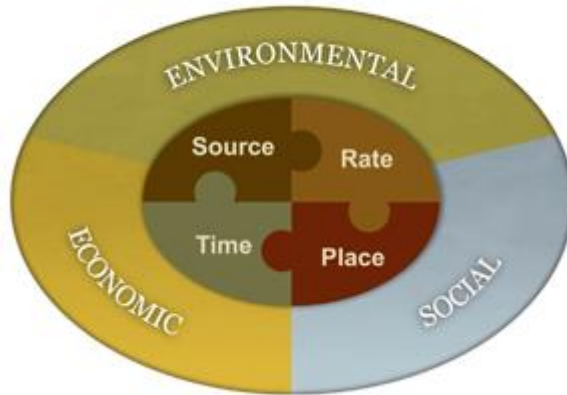
F. October 9

Courtesy of University of Wisconsin-Madison
Space Science and Engineering Center

Leading The Way

3

The 4R Nutrient Stewardship Strategy



4R Nutrient Stewardship

Using the right fertilizer source, at the right rate, at the right time and with the right placement.

Leading The Way

Dear friend,

As a farmer in Ohio you have a significant challenge bearing down quickly. Government, special interest groups, the media and the public all expect you to help clean up the state's water resources.

If farmers don't do this on their own, there will be federal and state laws and regulations that will mandate how you farm.

That is why you're receiving this letter signed by nearly all of Ohio's agricultural organizations – to make it clear that farmers must take seriously their responsibility to manage nutrients.

This isn't just an issue around Grand Lake St. Marys or the western basin of Lake Erie. This affects livestock and crop farmers and those who apply manure or use fertilizer in every Ohio county. The harmful algal blooms that are driving public demands for solutions should not be blamed on farmers alone. Municipalities, homeowners and other industries will be expected to do their share to address the problems. But so, too, will agriculture.

There is still a lot of research to be done on exactly how we can best protect water quality while still farming economically. But the public, lawmakers and regulators won't wait for years of research. They're demanding action now, and we're obliged to deliver. Agriculture must begin immediately to reduce nutrient runoff in a manner that can be documented. If this can't be accomplished voluntarily, it will be imposed mandatorily.

A starting point is to commit to the principles of "4R Nutrient Stewardship," which means using the right fertilizer source, at the right rate, at the right time and with the right placement.

In coming weeks and months you will have opportunities to attend meetings, read articles and otherwise learn about the "4Rs" and other responses to the challenges agriculture is facing. Your agricultural organizations encourage you to actively seek out information, advice and training.

Farmers must proactively solve this challenge. There's more at risk than higher costs of regulation. Unless farmers make significant reductions in nutrient runoff, they will increasingly take the blame for phosphorus loading and toxic algae.

As an industry committed to doing what's right, agriculture should lead the way in accepting responsibility and acting responsibly.

Sincerely,
Ohio's agriculture community



The Ohio State University



Toledo – Early August 2014

5



TODAY IN JOURNAL REPORT

Be Your Own Hedge Fund

MARKETPLACE No Degree Necessary in This Booming Field

THE WALL STREET JOURNAL.

DOW JONES MONDAY, AUGUST 4, 2014 - VOL. CCLXIV NO. 29 WSJ.com ***** \$2.00

Last week: DJIA 16493.37 ▲ 467.20 2.8% NASDAQ 4352.64 ▲ 2.2% NYSE 15523.11 ▲ 0.6% S&P 500 2009.91 ▲ 2.9% 10-YR TREASURY ▲ 120/32 yield 2.50% OIL \$97.88 ▲ \$4.21 EURO \$1.3430 YEN 122.60

What's News

Business & Finance

Second-quarter revenue for S&P 500 firms is on track to climb 4.2%, the biggest gain in over two years, amid signs of a return to basic growth. At Portugal unveiled a plan to rescue Banco Espírito

In Toledo, Bottled Water Flows as Tap Tests Continue



WATER LINE: After Saturday's warning about toxins in Lake Erie led Toledo, Ohio, to recommend against drinking city water, stores quickly ran out of bottled water. Volunteers handed out supplies around the city. About 500,000 people in the metropolitan area are affected. AP

Hamas Divide Impedes Lasting Truce

With the fighting in Gaza nearing the one-month mark, the fragmented Islamist leadership of the Gaza Strip has emerged as a serious obstacle to forging a durable cease-fire, according to U.S., Arab and Israeli officials.

The latest in a series of short-term truces, this one for seven hours, was scheduled to begin

By Amy Solomon in Washington and Nicholas Casey in Gaza City

The Washington Post

When a hold move ends in the basement

Fresh doubts over a Texas execution

New evidence revives concerns that a man was wrongly put to death in 2004

BY MARISSA PENNEY
The Starvation Project

CORONA, TEX. — For more than 10 years, the prosecution who once charged Cameron Todd Willingham with murdering his three young daughters has insisted that the execution made no sense to him.

But, new evidence has revived questions about Willingham's guilt in the 2004 execution, which was the first in Texas since the state resumed capital punishment in 1977.

Willingham's conviction came to be known as the "Toledo case" because he first obtained an attorney in Toledo, Ohio, before being moved to Texas.

Willingham's conviction was overturned in 2004, officials have admitted to defend the amount of the inheritance, Anthony E. Willingham, as a series of scientific reports have shown that the forensic evidence that Willingham might have deliberately set the house fire to which his children were killed.

But, new evidence has revived questions about Willingham's guilt in the 2004 execution, which was the first in Texas since the state resumed capital punishment in 1977.

Willingham's conviction came to be known as the "Toledo case" because he first obtained an attorney in Toledo, Ohio, before being moved to Texas.

Toledo's drinking water crisis continues



Eden Rogers, 13, uses a stick to scoop algae off the shoreline as she walks the beach at Maumee Bay State Park in Oregon, Ohio, with her sisters. The girls said they came to look at the toxic algae bloom along the shore of Lake Erie, which has left more than 400,000 residents in the area without safe drinking water for a second day while local water supplies were being tested. The lake provides the bulk of the area's drinking water. Story, AP

WATER WARNING

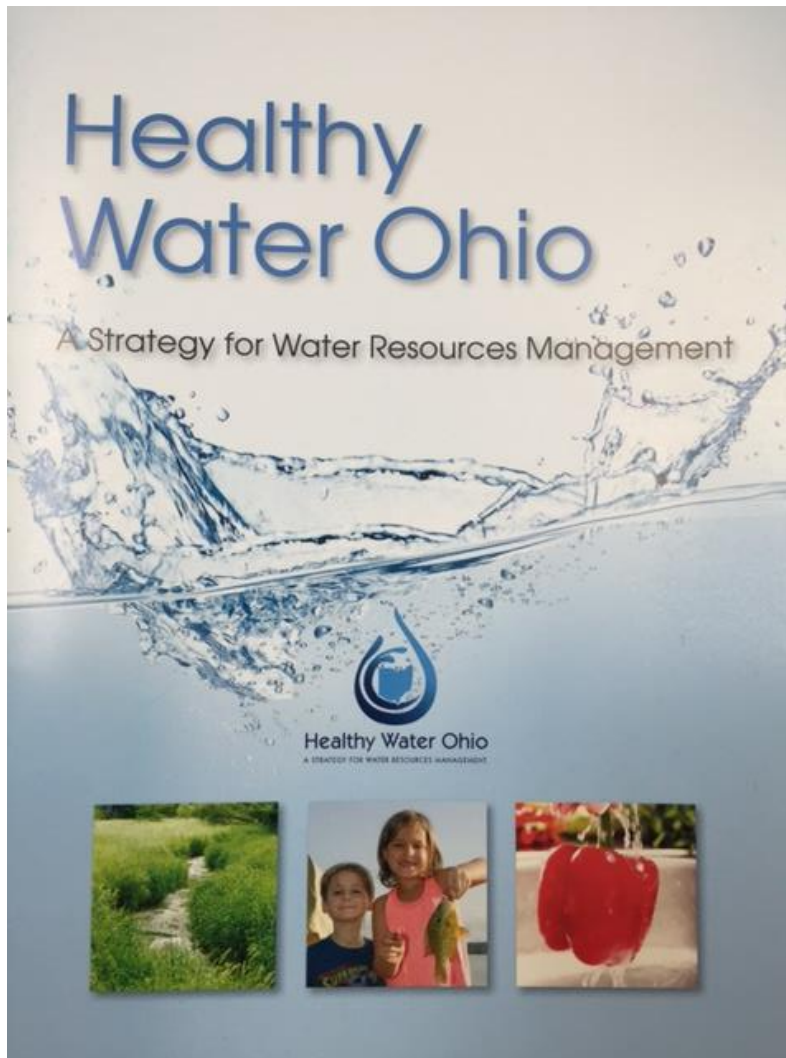
WATER CONTAMINATED WITH MICROCYSTIN

- Don't Drink It
- Don't Bathe In It
- Don't Boil It
- Don't Give It To Pets



Healthy Water Ohio

6



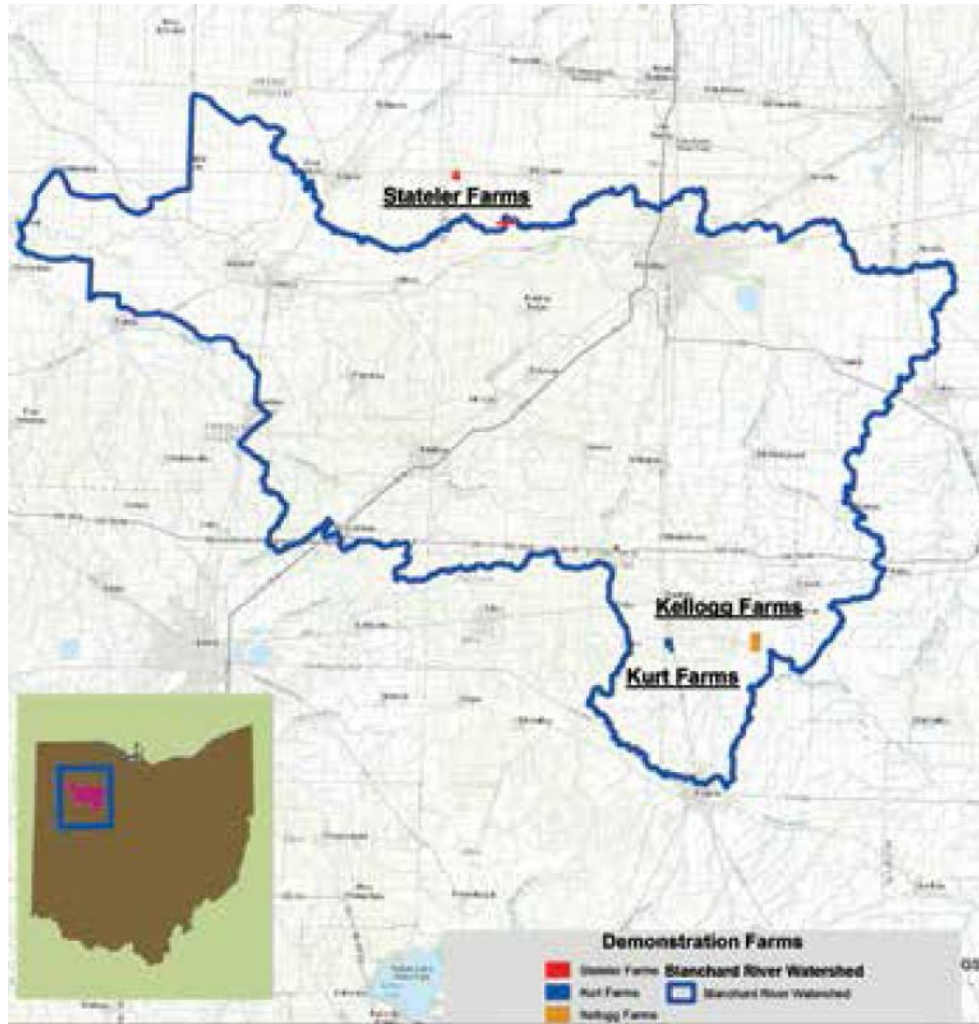
Edge of Field Research

7



Farm Bureau Demo Farms

8



Field to Faucet Initiative



4R Nutrient Stewardship Certification

4R NUTRIENT STEWARDSHIP CERTIFICATION PROGRAM


Western Lake Erie Basin - Ohio, Michigan, and Indiana

34
Certified Branch Locations


37
Commitments From Other Branches


| | |
|--|------------------|
| Acres serviced or applied in WLEB | 1,900,000 |
| Acres outside WLEB serviced or applied | 800,000 |
| Total | 2,700,000 |


| | |
|----------------------------------|--------------|
| Number of Clients Served in WLEB | 4,000 |
| Clients Served Outside WLEB | 1,500 |
| Total | 5,500 |




Voluntary Program for Agricultural Retailers & Nutrient Service Providers Implementing the 4Rs


RIGHT SOURCE


RIGHT RATE



RIGHT TIME


RIGHT PLACE

GOAL

To maintain agricultural productivity while improving the quality of Lake Erie and its contributing watersheds

| CERTIFICATION PROGRAM GOALS | STANDARD REQUIREMENT SECTIONS | THIRD-PARTY VERIFIED |
|--|---|--|
| <ul style="list-style-type: none"> Maximize crop nutrient uptake and minimize losses Positively impact local water bodies Provide up-to-date information on nutrient stewardship Help the agricultural sector adapt to new research and technology | <ul style="list-style-type: none"> Initial training and on-going education Monitoring of 4R implementation Nutrient recommendation and application | <ul style="list-style-type: none"> Audits review training and education, recommendations to growers, and application records Third-party auditor verification occurs each year |



For more information visit 4rcertified.org



4R Certification Advisory Committee



Corn Marketing Program of Michigan
Michigan Corn Growers Association



Ohio Law

12

Senate Bill 150

Requires the certification of individuals who apply fertilizer on 50 acres or more

Senate Bill 1

Limits the application of nutrients in the Western Lake Erie Basin

WLEB Collaborative Implementation Plan

State of Ohio's Western Lake Erie Basin Collaborative Implementation Plan





Christopher C. Henney, CAE
President & CEO

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