



# Mississippi River Basin Initiative

United States Department of Agriculture  
Natural Resources Conservation Service

## Nutrient Management Technology Enhancements

## Adoption of Nutrient Management Technology Enhancements in Targeted Iowa Watersheds

Farmers in designated subwatersheds within the North Raccoon River Watershed and the Boone River Watershed have the opportunity to receive **higher payment rates** on nutrient management practices that avoid, control and trap nutrient runoff, and maintain agricultural productivity.

The project is part of the Mississippi River Basin Healthy Watersheds Initiative (MRBI). The goal of MRBI is to reduce nutrient loading in the Mississippi River Basin, which contributes to both local water quality problems and the hypoxic zone in the Gulf of Mexico.

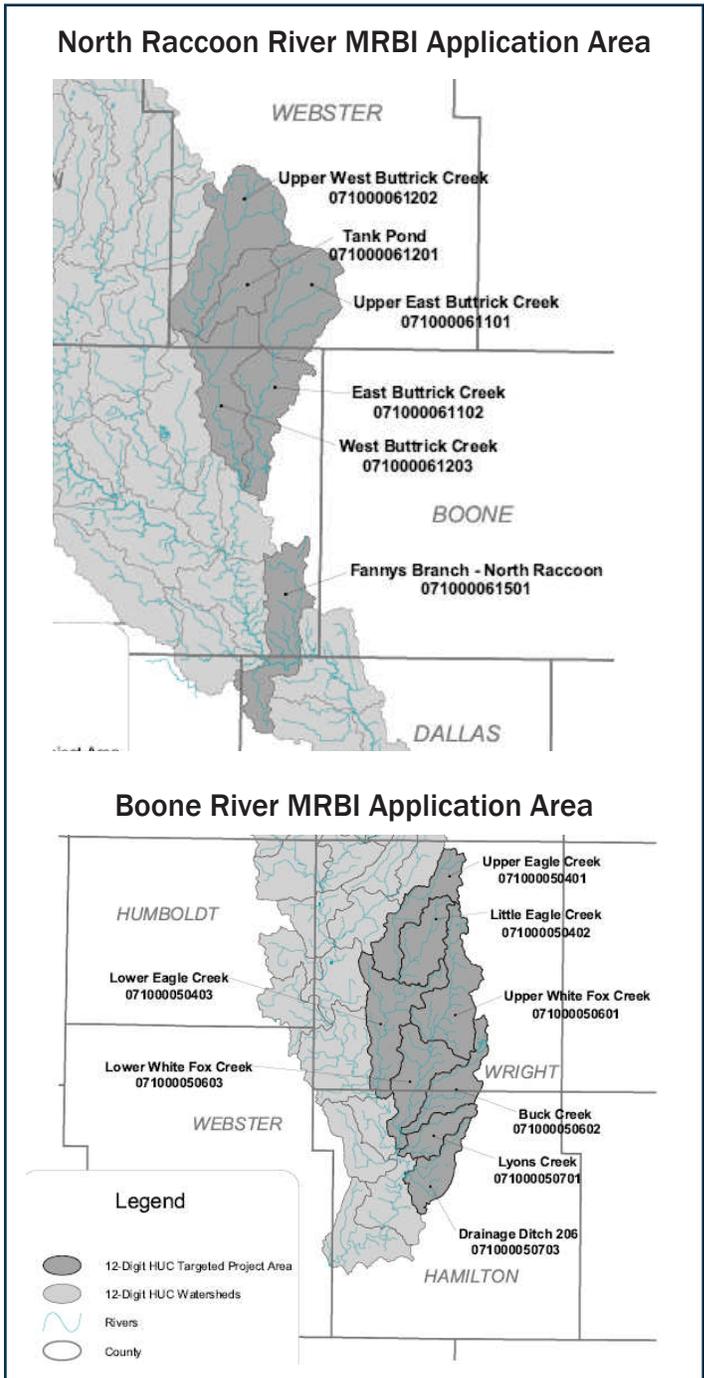
Surface and subsurface nitrate losses from the North Raccoon and Boone River Watersheds drain to the City of Des Moines' municipal drinking watersupply, and both routinely exceed water quality standards for nitrate-nitrogen.

The project provides incentives and technical assistance to farmers in these watersheds to integrate nitrogen stabilizers into both fall and spring farming practices, and stimulate the use of nutrient management planning to meet yield goals while reducing nitrogen losses.

This MRBI project will be offered now through fiscal year 2014. Producers can apply for assistance for up to three years. To enroll, applicants must meet the minimum eligibility requirements of the Environmental Quality Incentives Program (EQIP).

**Nutrient Management Intensity Options and payment rates are listed on the next page.**

For more information about the project, contact Agriculture's Clean Water Alliance at (515) 334-1051 or your local NRCS office.



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**Nutrient Management Intensity Options**

| Category | Description   | Payment Rate      |
|----------|---|-------------------|
| A + 2    | Basic 590 Nutrient Management + 2 Enhancements: Install a 590 nutrient management plan and <b>utilize a slow release N, such as a polymer coated urea (ex. ESN), or nitrification inhibitors</b> , or urease inhibitors plus <b>two</b> of the nutrient management enhancements.  | \$19.50 - \$23.30 |
| A + 4    | Basic 590 Nutrient Management + 4 Enhancements: Install a 590 nutrient management plan and <b>utilize a slow release N, such as a polymer coated urea (ex. ESN), or nitrification inhibitors</b> , or urease inhibitors plus <b>four</b> of the nutrient management enhancements.   | \$28.50 - \$34.10 |
| B + 2    | Previously Applied Basic 590 Nutrient Management + 2 Enhancements: A 590 nutrient management plan was previously applied. Maintain a previously applied 590 nutrient management plan: and <b>utilize a slow release N, such as a polymer coated urea (ex. ESN), or nitrification inhibitors</b> , or urease inhibitors plus <b>two</b> nutrient management enhancements.  | \$16.50 - \$20.00 |
| B + 4    | Previously Applied Basic 590 Nutrient Management + 4 Enhancements: A 590 nutrient management plan was previously applied. Maintain a previously applied 590 nutrient management plan: and <b>utilize a slow release N, such as a polymer coated urea (ex. ESN), or nitrification inhibitors</b> , or urease inhibitors plus <b>four</b> nutrient management enhancements. | \$25.70 - \$30.80 |

\*For a list of nutrient management enhancements, visit [www.ia.nrcs.usda.gov/programs/MRBI/ACWANoptions.pdf](http://www.ia.nrcs.usda.gov/programs/MRBI/ACWANoptions.pdf).

