

NITROGEN CREDIT PROGRAM

Delta's Nitrogen Credit Program (NCP) is an opportunity for farmers to generate additional revenue by adopting a "4R" nutrient stewardship strategy that reduces total nitrogen (N) fertilizer applied to their corn crops. Field trials have shown that the rate of N fertilizer is the best predictor of nitrous oxide (N₂O) emissions in row crop agriculture in the U.S. Midwest. By demonstrating increases in N use efficiency from rate adjustments, farmers can reduce their N₂O emissions and generate N credits on a voluntary basis.



North Central Region

How does the NCP work?

First, farmers provide data about their fertilizer management practices. Next, we calculate your N credits based on this data. Then, a non-governmental third-party verifies the calculations, and credits are awarded. The Program bundles and sells the credits, and returns revenue to participating farmers.

How do I know if I'm eligible?

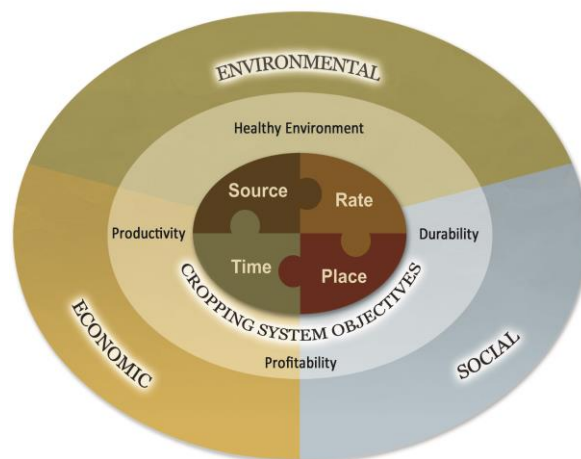
To be eligible you must be a corn farmer in the North Central Region (as shown on map) who has reduced, or is willing to reduce N fertilizer applications to the corn component of your crops.

How much does it pay and how much will it cost me?

Individual revenues will be based on the number of N credits you generate by shifting N fertilizer application rates, less costs of verification and sale. The only cost to you is the time it takes to provide the data.

What data or documentation do I need to provide?

- **Application dates, rates, and N content for each product applied**, for each field you enroll. If you have access to those same data points for the same field(s) for recent years, providing that information may help you generate more N credits. Your retailer or service provider may be able to provide recent historical data directly to the Program with your consent.
- **Field coordinates**;
- **Ownership and lease agreements** (you must document control of your land in order to establish custody of any credits generated);
- **Fertilizer application records** (receipts, load sheets, or other documentation from your retailer or service provider).
- **Adherence to voluntary state, university, or industry 4R guidelines**, depending on your state and cropping system.



Graphic Source: <http://www.ipni.net/article/IPNI-3323>

What do I do next?

The first step is to fill out an Initial Screening Form for one field to help you determine your N credit potential. After receiving the completed form, we will calculate your potential and follow up with you via your preferred method of contact. If you decide you would like to proceed beyond the screening phase, your participation will be formalized by signing an agreement with NCP. You will then need to provide the data and documentation listed above via email or the NCP website. All personal identification and farm operation information will be kept confidential.



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INITIAL SCREENING FORM

Thank you for your interest in Delta's Nitrogen Credit Program. Please provide the information requested below, and we will follow up to provide an estimate of your N credit potential. All personal identification and farm operation information will be kept confidential.

CONTACT INFORMATION

Name: _____
Last *First*

Address: _____
Street Address *City, State, Zip*

Contact: _____ Preferred: Phone Email
Phone *Email*

How did you learn about NCP? _____

FIELD & CROP INFORMATION

Please enter field, crop, and fertilizer information for a field you would consider enrolling in the Program.

Total Acres Farmed: _____ Field Data: _____
County *Acres* *(Optional) Field Name/Identifier*

Please indicate your 2015 crop and rotation for previous years for a field you would consider enrolling. The Program requires at least three years of data for corn in rotation, and at least five if continuous.

_____	_____	_____	_____
<i>2015 (planned)</i>	<i>2014</i>	<i>2013</i>	<i>2012</i>
_____	_____	_____	_____
<i>2011</i>	<i>2010</i>	<i>2009</i>	<i>2008</i>

FERTILIZER INFORMATION

For the same field, please describe all synthetic and/or organic N fertilizer applications to your corn crops.

Please check: I plan to reduce my 2015 corn application rates I reduced application rates for my 2013 or 2014 corn crop

SYNTHETIC				ORGANIC			
Application	Total applied	Season or Date & Year	Product or % N content	Application	Total applied	Season or Date & Year	Manure Type or % N content
<input type="checkbox"/> lbs N/acre 1 <input type="checkbox"/> lbs/acre <input type="checkbox"/> gallons/acre				<input type="checkbox"/> lbs N/acre 1 <input type="checkbox"/> tons/acre <input type="checkbox"/> gallons/acre			
<input type="checkbox"/> lbs N/acre 2 <input type="checkbox"/> lbs/acre <input type="checkbox"/> gallons/acre				<input type="checkbox"/> lbs N/acre 2 <input type="checkbox"/> tons/acre <input type="checkbox"/> gallons/acre			
<input type="checkbox"/> lbs N/acre 3 <input type="checkbox"/> lbs/acre <input type="checkbox"/> gallons/acre				<input type="checkbox"/> lbs N/acre 3 <input type="checkbox"/> tons/acre <input type="checkbox"/> gallons/acre			

If the information above relates to a planned reduction from your last corn crop, please describe your application practices before that. If the information relates to a recent application, please describe the planned reductions you are considering, or how that recent application is a reduction from your historic baseline:



Thank you for this information. Please mail, email, or fax the completed form to Matt Harrison at the contact information below. Upon receipt, we will calculate your N credit potential, and share that information with you through your preferred method of contact.

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