



# Nitrogen Credits for Alfalfa and Soybean in Wisconsin

**First year credit:**

medium & fine textured soils		sandy soils	
> 8 inches of regrowth	< 8 inches of regrowth	> 8 inches of regrowth	< 8 inches of regrowth

## Alfalfa (stand density)

	Nitrogen Credit (lb N/acre)			
Good ....(70-100 % alfalfa, > 4 plants/ft <sup>2</sup> )	<b>190</b>	<b>150</b>	<b>140</b>	<b>100</b>
Fair .....(30-70 % alfalfa, 1.5 - 4 plants/ft <sup>2</sup> )	<b>160</b>	<b>120</b>	<b>110</b>	<b>70</b>
Poor.....(0-30 % alfalfa, < 1.5 plants/ft <sup>2</sup> )	<b>130</b>	<b>90</b>	<b>80</b>	<b>40</b>

**Second year credit:** In the second cropping year following fair and good stands on medium and fine textured soil, you can take a 50 lb N/acre credit.

## Soybean

40 lb N /acre is available to crops following soybean in a rotation. No credit on sandy soils.

## Credit Legume Nitrogen and Reap the Profits

A grower can save **\$5,440** in nitrogen fertilizer costs (assuming fertilizer cost of \$0.85/lb) by crediting the nitrogen provided by the plowdown of a 40 acre alfalfa field in fair condition. When rotating from alfalfa to corn, most Wisconsin producers do not need to apply nitrogen fertilizer.

The other side of this card shows nitrogen credits for alfalfa and soybean in Wisconsin. For more information on legume credits, ***Using Legumes as a Nitrogen Source*** (A3517) can be downloaded at the Nutrient and Pest Management program's website.



This publication is available from the **Nutrient and Pest Management (NPM) Program**. For more copies, contact us at: phone (608) 265-2660; email ([npm@hort.wisc.edu](mailto:npm@hort.wisc.edu)) or download from our website ([ipcm.wisc.edu](http://ipcm.wisc.edu)). I-0907-6.5M

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