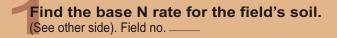
Credit Nitrogen on Corn - and Reap the Profits

Using the right nitrogen (N) rate for corn production is the single most important N management decision for optimizing profits and protecting the environment. Use the list below to determine the right rate for your fields.



Determine the preplant soil nitrate credit. If conditions warrant. Find out here*.

Take legume N credits. See legume N card or UWEX publication A3517

Take manure N credits.See manure N card or UWEX publication A3568

Calculate adjusted N recommendation. Subtract all credits from the base soil N rate.

*Check all that apply to field.

- □ Corn following N fertilized corn
- □ 2nd year corn after alfalfa that
 - received manure
 - Previous year's rainfall was below normal
- Long history of manure application
 - If you checked two or more, the preplant soil nitrate test (PPNT) will be beneficial.

lbs N/acre

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Corn Nitrogen Recommendations

	SANDY OR LOAMY SANDS		OTHER SOILS Yield potential ¹	
	Irrigated	Non-irrigated	Very high & high	Medium & low ²
Soil Organic Matter %	LBS/A	CRE OF NIT	ROGEN T	O APPLY ³
< 2	200	120	180	150
2.0 - 9.9	160	110	160	120
10 - 20	120	100	120	90
> 20	80	80	80	80

¹ To determine a soil's yield potential, consult the UWEX publication *Soil test recommendations for field, vegetable and fruit crops* (A2809), or contact your agronomist or county agent.

² Irrigated non-sandy soils with a medium/low yield potential should use the very high/high recommendation.
³ If more than 50% residue cover remains on the surface, increase N by 30 lb/acre for the first 2 years.

For more information about nutrient crediting, contact the Nutrient and Pest Management Program at (877) 426-0176 (internet: ipcm.wisc.edu), or your UWEX county agent. University of Wisconsin-Extension, College of Agricultural and Life Sciences.