



Dairy One

Agronomy Services

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Pre-Sidedress Nitrate Testing (PSNT) Sample Submission Form

An analysis is only as good as the sample submitted. For sampling instructions, policies and more information, visit our web site at www.dairyone.com

All prices (USD) are per sample. Prices and services are subject to change without notice.

Name/Company: _____ Account No.: _____

Street: _____ County (NY only): _____

City: _____ State: _____ Zip: _____ Phone: _____

Email: _____ Fax (area code): _____

2nd email: _____ **Results sent by email.** I'd also like to receive copies by: mail fax

Pre Sidedress Nitrate Testing (PSNT) is used to determine if sidedress N is needed on field corn with a history of manure or sod incorporation. PSNT measures nitrate N in the soil to determine the likelihood of a yield response from sidedressed N. PSNT is recommended for corn fields > 2 years after a sod and/or where manure rate is uncertain, if manure application is not expected to meet corn N requirement, or if N mineralization rates are expected to be higher than average (e.g. warm, moist soil). PSNT is not recommended where pre plant or early post plant broadcast fertilizer N applications were made since "leftover" nitrate could overestimate N mineralization potential of the soil, first year corn after a grass sod and starter N, or first year corn after an alfalfa grass stand is plowed down.

Sample Information: \$7.00 per sample (attach additional sheets if necessary). Sample height information **required** for processing

Sample Description	Lab Use	Sample Description	Lab Use
1		7	
2		8	
3		9	
4		10	
5		11	
6		12	

Sampling Guidelines

- A. Limit sample area to < 15 acres.
- B. Sample when corn is 6-12" tall.
- C. Collect 15-20 soil cores from a 12 inch depth and probe between rows but be careful to avoid any starter fertilizer band.
- D. Sample through the plastic if N was broadcast pre-plant and covered with plastic mulch.
- E. Take a separate sample for areas that are different, e.g. crop, cultivar, population, growth stage, history, management, etc.
- F. Wait 2-3 days after significant rainfall (due to nitrate leaching).
- G. Air dry or microwave the sample immediately to stop mineralization.
- H. Submit a minimum sample of one cup to the lab with completed submission form. Visit www.dairyone.com for a current list of pick up locations.

Payment

Bill my account Please be sure your account no. is listed at the top of this form.

Check enclosed Check No.: _____

Bill my credit card: Visa Mastercard American Express

Name on credit card: _____ Card No.: _____

Signature: _____ Exp. Date: _____