

PA- Supplemental Guidance

WQL-04 Plant Tissue Testing and Analysis to improve Nitrogen Management –
The tests under this activity are the corn specific tests listed below.

Corn specific analyses – refer PSU extension publications
(<http://pubs.cas.psu.edu/Publications.asp>):

- Agronomy Facts 70 Late Season Cornstalk Nitrate Test (CSNT)
 1. Annual testing a few fields representative of each N management followed on the operation will be adequate to provide a good assessment of the overall nitrogen management program. All corn fields are eligible for test

- Agronomy Facts 53 The Early Season Chlorophyll Meter Test for Corn. NOTE: for Corn leaf tissue testing and analysis (chlorophyll meter), Penn State has two protocols. Either is acceptable:
 1. High-Nitrogen Reference Value Chlorophyll Meter Method requiring a high N reference strip. Annual testing a few fields representative of each N management followed on the operation will be adequate to provide a good assessment of the overall nitrogen management program. All corn fields are eligible for test.
 2. Two-Step Chlorophyll Meter Test Method (No High-N Reference Area) This method is only valid on high organic-N fields (fields with a history of manure since previous crop and or first year after a legume (alfalfa or red clover)). Annual testing a few fields representative of each high organic-N management followed on the operation will be adequate to provide a good assessment of the overall nitrogen management program.

Cropland – System/acre

Not compatible with ANM21, ANM22, SOE02

No additional guidance for 2011-1