

## TECHNICAL SHEET

### MEASUREMENT TOOL

# N-Tester®

*A sustainable fertilization means more productivity, higher quality and greater respect for the environment !*



#### Principle of the N-Tester®

N-Tester® optically measures leaf chlorophyll content, which is highly correlated to the nitrogen demand of the plant. Thanks to this simple process the N-Tester is the most used monitoring tool in FRANCE (1400 devices).



#### Quality

The N-Tester® reduces by 60% the cases of under and over-fertilization. It increases yield by an average of 1,200 kg per hectare and 0.3 point in protein.



#### Speed

Direct measurement on the field by simply pinching the leaves. The device is user-friendly and the method easy to implement. Get your recommendation in less than 20 minutes per plot !



#### Reliability

Tested and approved by many users, N-Tester® has been developed and validated jointly by ARVALIS institut du végétal and YARA. As of today, more than 190 000 recommendations have been delivered to the farmers!



#### Versatility

The N-Tester® is the only monitoring tool that can be used on common and durum wheat, spring barley, corn and potato. It also gives access to the widest range of wheat varieties, with close to 220 varieties listed.

## N-Tester®, the tool for a sustainable nitrogen fertilization!



1. Simplicity and flexibility of use: The measurement is done by pinching the leaf, on or off the field. The N-Tester® is used from stage 2 leaves to swelling. In addition, you can make your measurements whatever the time of the day..



2. Simple access to recommendations by internet. Once the required information is entered, your recommendation report can be printed out. The edition of the report ensures you a traced and validated recommendation by ARVALIS.

**Conseil N-Tester**

Informations parcellaires :

Agricteur : \_\_\_\_\_ Fax: 024314138

Département : 28 Parcelle : 10 m² Surface : 100 m²

Culture : 100 m²

Mode : 100 m²

Rendement (kg/ha) : 75

Taux de protéines (g/kg) : 14.5%

Date : 28/06/2006 12:39:41

Le message de votre distributeur : Avec Agros-Systèmes, le service N-Tester est en main

Statistiques conseil : 13234567

Optimisation recommandée et proposée : 30 kg/ha

0 10 20 30 40 50 60 70 80 90 100

3. More than 20 years of expertise: the tests to validate the method started in 1994. Now, more than 250 tests have been conducted and 35,000 plots are monitored annually.

#### IMPORTANT :

After purchasing the N-TESTER, you will be opened a client account with a PERMANENT confidential code giving you access to YARA website: <https://ntester.yara.fr/> It will allow you to edit the recommendation reports.

#### INFORMATION :

contact@farm-store.eu  
[www.farm-store.eu](http://www.farm-store.eu)