



# AgraStrip® Pro WATEX®

## AgraVision™ Pro

The AgraStrip® Pro WATEX® test system enables the rapid and simple on-site quantification of mycotoxins in a variety of agricultural commodities. Both extraction and assay have been streamlined, reducing steps to a bare minimum while setting new standards in accuracy and usability.

AgraStrip® Pro WateX® mycotoxin test kits include:

- 40 test strips
- 40 extraction buffer bags
- 40 cartridges for AgraVision™ Pro Reader
- 1 bottle of 50 ml assay dilution buffer
- 40 yellow or white pipette tips
- 40 blue pipette tips (80 for T-2/HT-2)
- 40 microcentrifuge tubes (dilution tubes) (80 for T-2/HT-2)
- 40 Whirl-Pak® filter bags
- 1 tube holder
- 1 QR code card

Item	Description	Item No.
AgraStrip® Pro Total Aflatoxin WATEX®	40 tests	10006322
AgraStrip® Pro Total Fumonisin WATEX®	40 tests	10006318
AgraStrip® Pro Deoxynivalenol WATEX®	40 tests	10006320
AgraStrip® Pro Ochratoxin A WATEX®	40 tests	10006332*
AgraStrip® Pro Zearalenone WATEX®	40 tests	10006316*
AgraStrip® Pro T-2/HT-2 WATEX®	40 tests	10006614
AgraVision™ Pro Reader	Reader	10006324
AgraVision™ Pro Printer	Printer	10006483
AgraVision™ Pro Scanner	Scanner	10006484

\* To perform test according to FGIS protocol, please use the kits which include material for 50 g sample extraction.



# AgraStrip® Pro WATEX® – AgraVision™ Pro

Mycotoxins



To ensure accurate results, please read the product manual before performing the assay.

## Procedure on corn



1

Turn on the AgraVision™ Pro reader by plugging it in and set it up according to the instructions. Select the mycotoxin method.



2

Insert the QR card containing information the reader needs to carry out the test. Once saved, it will not need to be scanned again.



3

Weigh in 10 g of adequately ground, representative sample into one side of a Whirl-Pak® filter bag. Add one extraction buffer bag into the same side.



4

Add 50 ml of distilled, deionized or bottled water to the Whirl-Pak® filter bag.



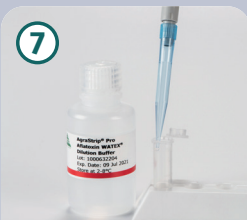
5

Shake vigorously for 2 minutes.



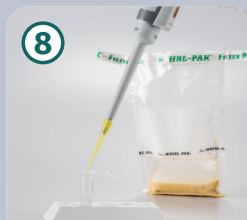
6

Let the sample settle for 1 minute. Certain toxin-matrix combinations require an additional pre-centrifugation step (see commodity validation list).



7

Pipette 1000 µL assay dilution buffer into a microcentrifuge tube.\*



8

Transfer 100 µL of sample extract supernatant from the filter bag to the microcentrifuge tube (1:11 dilution).\*



9

Centrifuge the diluted sample at 2000x g for 30 seconds. (This is the second centrifugation step for T-2/HT-2). Make sure you use a counterweight if you are using an odd number of samples.



10

Insert the test strip into the provided cartridge. Place the cartridge containing the test strip into a reader port.



11

The AgraVision™ Pro detects the test strip via the data matrix code on the strip. Enter sample ID, matrix type and quantitation range.



12

Pipette 200 µL of the sample extract into the cartridge. The reader automatically starts the assay and displays the result when finished.

\*Test procedure on corn. Dilution may differ depending on kit type and application. Please refer to the appropriate application brief.