



# 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.



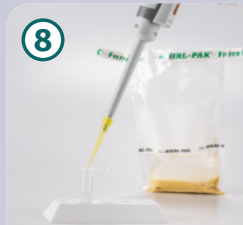
**5** Shake vigorously for 2 minutes.



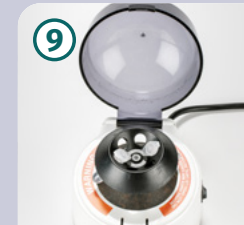
**6** Let the sample settle for 1 minute. Certain toxin-matrix combinations require an additional pre-centrifugation step (see commodity validation list).



**7** Pipette assay dilution buffer into a microcentrifuge tube.\*



**8** Transfer sample extract supernatant from the filter bag to the microcentrifuge tube.\*



**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.

\*Please refer to the appropriate application brief.