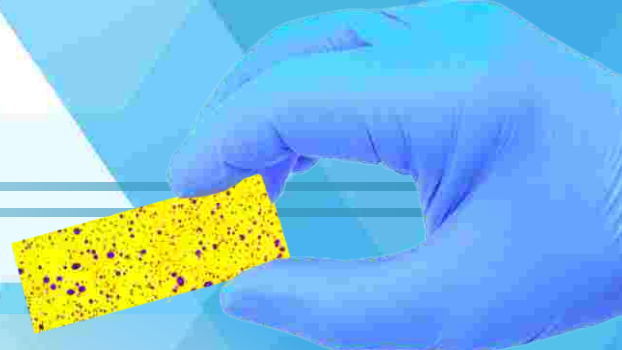
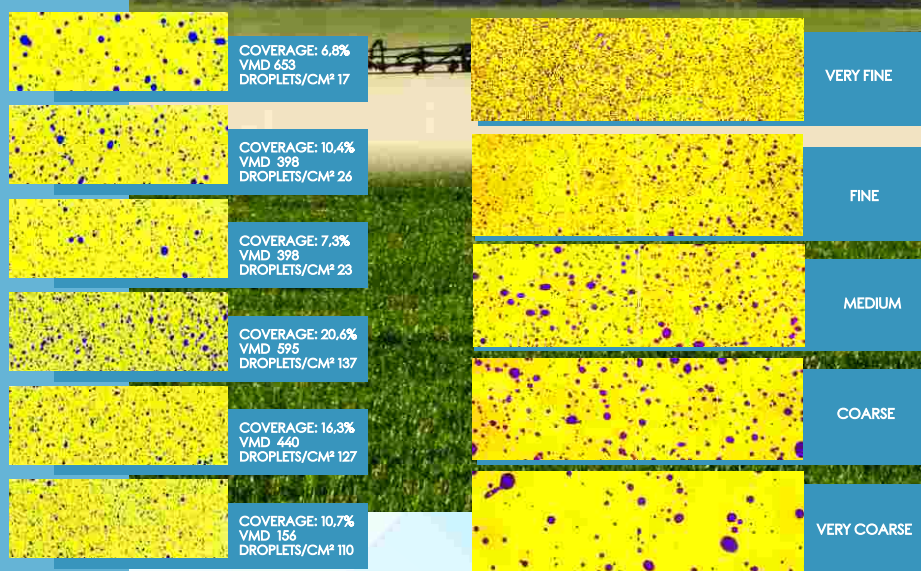




## WHAT IS WATER SENSITIVE PAPER?

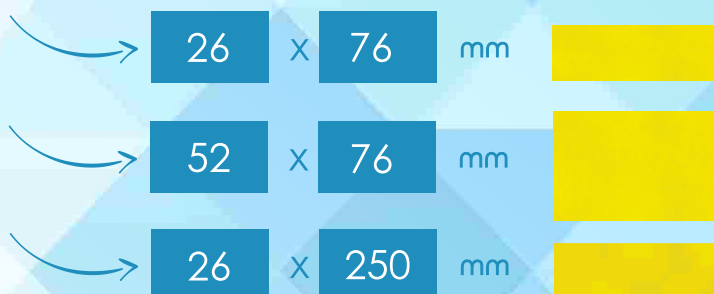
It is high-tech paper that shows the layout of droplets in the application of pesticides. When the droplets fall on the yellow side of paper, they turn into blue stains resulting from the reaction with water. They are easy to use and to see, and are portable. We recommend that you use at least 7 to 10 individual papers for each field evaluation due to variability.

## EXAMPLES OF APPLICATIONS:



DROPLETS SMALLER THAN 150 MICRONS ALLOW DRIFT AND DON'T REACH THE TARGET, RESULTING IN WASTE, ENVIRONMENTAL CONTAMINATION, AND PROBLEMS WITH SENSITIVE CROPS IN THE SURROUNDINGS. THE WATER SENSITIVE PAPER WILL HELP YOU CALIBRATE YOUR SPRAYER AND REDUCE AND/OR PREVENT SUCH A SITUATION.

## PACKAGING



PACKED IN  
PACKAGES  
WITH A ZIPPER  
SO YOU CAN CLOSE  
IT AFTER OPENING



## PRECAUTIONS WHEN USING:

Handle while using gloves, because humidity on the hands will stain the paper. The paper expires after two years of manufacturing date and must be stored carefully.



## POSITION OF THE PAPER:

The water sensitive paper must be distributed on the plants/soil as representative as possible to the target. We recommend the distribution in three extracts for each plant canopy: upper (UP), middle (MP) and lower (LP) part of the plant, or close to the desired target.



## COLLECTING THE SAMPLES:

After spraying, you can scan the papers using a scanner or use a computer program to measure the droplets, as well as cellphone apps to process the results, or manually interpret them with a magnifying glass and comparing them with references.



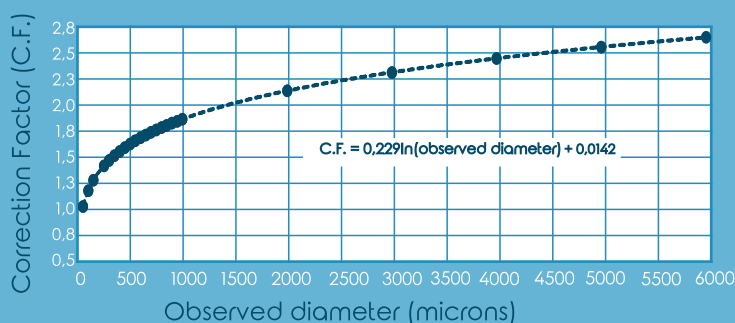
## WHITE BAG

$$\text{Corrected diameter} = \frac{\text{Observed Diameter}}{\text{Correction Factor}}$$

| DROPLET OBSERVED | DIAMETER OF THE STAIN OBSERVED | CORRECTION FACTOR | CORRECTED DIAMETER |
|------------------|--------------------------------|-------------------|--------------------|
|                  | 100                            | 1,0692            | 93,524             |
|                  | 200                            | 1,2280            | 162,861            |
|                  | 300                            | 1,3209            | 227,112            |
|                  | 400                            | 1,3868            | 288,425            |
|                  | 500                            | 1,4380            | 347,713            |
|                  | 600                            | 1,4797            | 405,478            |
|                  | 700                            | 1,5151            | 462,030            |
|                  | 800                            | 1,5456            | 517,583            |
|                  | 900                            | 1,5726            | 572,290            |
|                  | 1000                           | 1,5968            | 626,266            |
|                  | 1100                           | 1,6186            | 679,599            |
|                  | 1200                           | 1,6385            | 732,361            |
|                  | 1300                           | 1,6569            | 784,610            |
|                  | 2000                           | 1,7556            | 1139,233           |

\*Scattering factor evaluated with distilled water, at 50% U.R. and 25°C. Droplets with sedimentation speed applied directly on the paper at a distance of 500mm using a calibrated micropipette and a calibrated grid and an electronic microscope to view and measure the droplets.

$$\text{Corrected diameter} = \frac{\text{Observed Diameter}}{\text{Correction Factor}}$$



When the droplets are deposited on the paper, they produce larger stains, requiring the use of the Correction Factor (FC) to provide the corrected diameter closest to the real one. To do so, it is necessary to divide the observed diameter by the correction factor contained in the table, or through the regression mathematical model above.

## KNOW THE QUALITY OF SPRAYS

## DON'T WASTE PESTICIDES

# USE WSPAPER!

## WITH WSPAPER YOU GET:

- ✓ ROUND DROPLETS
- ✓ GREAT CONTRAST
- ✓ FEW DEFORMITIES
- ✓ HYDROPHOBIC BACKGROUND
- ✓ DIFFERENT SIZES
- ✓ DIRECT PURCHASING
- ✓ YOUR LOGO APPLIED TO THE PRODUCT

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