



# FlowCheck

Maximise spraying efficiency  
Minimise spraying cost



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Today's state of the art sprayers and chemical formulations, even when applied by a skilled operator, depend on the accuracy of the nozzles. Unless the flow rate from the sprayer matches the recommendation for the nozzle being used, the result is likely to be disappointing and can be a costly waste of materials.

## What is FlowCheck?

BFS FlowCheck, designed by BFS technology engineers, is a simple, low cost, but extremely effective piece of equipment that enables the operator to check the output of a sprayer nozzle accurately, without using a measuring cylinder and a stopwatch.

Each FlowCheck is individually calibrated at a pressure of 3bar, and its use enables the operator to accurately measure the flow rates from eight different nozzle sizes.

A unique calibration number appears on every unit supplied. FlowCheck is accepted by NSTS for use in their tests.

## How does it work?

First partially fill a spray tank with clean water. Turn the FlowCheck upside down and rotate the red disc at the end of the tube until the selected nozzle size for testing appears in the semi-circular cut out. Check that the corresponding red disc hole opposite is accurately positioned in the centre of the black base hole.

Suspend the FlowCheck under the nozzle, using the supplied clip, ensuring it sits inside the grey tube.

Return to the cab, turn on the pump and set the pressure to 3bar. The spray exiting the nozzle will collect in the transparent tube and exit through its base. The water level in the tube will settle after a short time.

The water level in the transparent tube can be seen through the scales on the label. By reading the coloured scale for the colour/size of the nozzle, the flow rate can be seen.

The centre of the scale is set at the recommended ISO flow rate for the selected nozzle. The top and bottom of the scale indicates a +/- 10%.



**NOTE:** Faster measurements can be obtained by using several FlowChecks at the same time placed at different sections along the boom. Always use clean water when undertaking the flow test and ensure suitable PPE is worn at all times.

When conducting the test using 3bar pressure, the FlowCheck should be accurate to better than a +/- 2%.

