



## Syngenta Turf Foliar Nozzle on target for better results

**Syngenta Turf Foliar Nozzle**

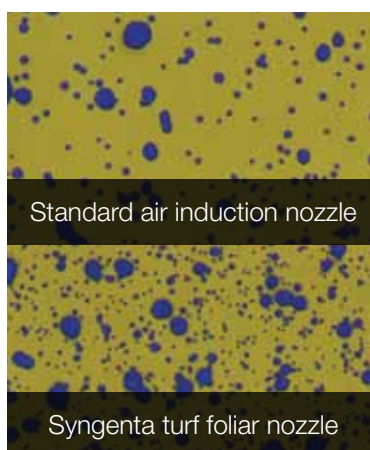
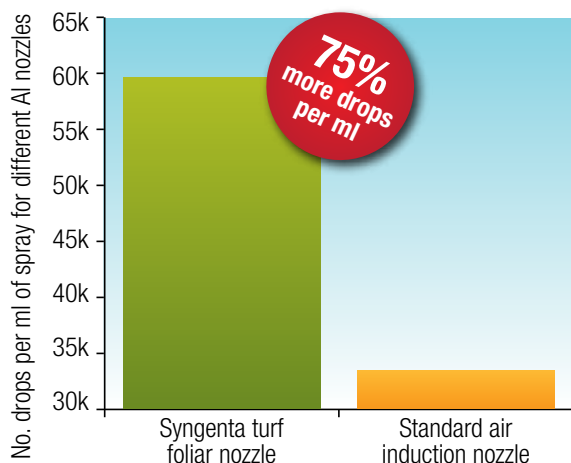
**Conventional Flat Fan**

**Syngenta Turf Foliar Nozzles have been designed to significantly reduce spray drift:**

- increase the number of available spray opportunities
- minimise complaints or comments
- maximise spray delivery on the target

- Droplet spectrum designed to optimise spray coverage and retention on the leaf
- Excellent drift reduction
- Incorporates a backward 10° angle for improved spray pattern during application and all-round coverage of the leaf
- Retains spray pattern characteristics at faster operating speeds
- Designed to work at lower water volume, compared to conventional flat fan nozzles
- Operating height is for the nozzle tip to be 50 cm above the turf
- Typical water volume giving optimum results – 200–400 l/ha
- Syngenta Turf Foliar Nozzle design will typically deliver 75% more droplets per ml of spray, compared to an equivalent standard air induction nozzle.

(see graph and water sensitive paper spray test below)





# Art of Application

CALIBRATE | SPRAY | REPORT | DELIVER

Use the tables below to calculate an appropriate forward speed and operating pressure to deliver the required water volume. Calibrate nozzle output using the flow rate figures in the table; recalibrate spraying equipment regularly.

## Syngenta Turf Foliar Nozzle

Nozzle	Pressure bar	Flow l/min	Application rate l/ha at forward speed (km/h)				
			4	5	6	7	8
04	1	0.92	280	222	185	159	139
	2	1.31	392	314	261	223	196
	2.5	1.46	438	350	292	250	219
	3	1.60	480	384	320	274	240
	4	1.85	554	443	370	317	277
	5	2.07	620	496	413	354	310

■ Recommended



### Recommended for:

- Primo Maxx growth regulator applications
- All foliar fungicide applications
- Foliar liquid fertilisers

## Turf sprayer calibration



For simple and accurate nozzle calibration, use the pre-marked Syngenta Turf Sprayer Calibration Checker.

### Key advantages:

- Quick and easy to use
- Works for all 0.5 m nozzle spacing boom
- Requires no reference to calculations

Calibrate regularly to check the consistency and accuracy of all nozzles.



For more information and a practical guide on sprayer calibration and checks, go to the Art of Application Zone of the Syngenta Turf website: [www.greencast.co.uk](http://www.greencast.co.uk) or [www.greencast.ie](http://www.greencast.ie).



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