



Performance isn't something
that just happens

SpraySURE

Accuracy and Performance

syngenta[®]

Spray accuracy is essential to getting the best possible result from every fungicide, herbicide, insecticide and PGR application.

Accuracy and performance





With demands for accuracy and environmental safety in mind, Syngenta has developed SpraySure - a package featuring our Turf XC Nozzles that provides turf managers and spray technicians with the tools and advice needed to achieve targeted product applications. SpraySure helps you use the right product, at the right time, in an optimised way consistent with label directions.

The 4 P's of plant protection

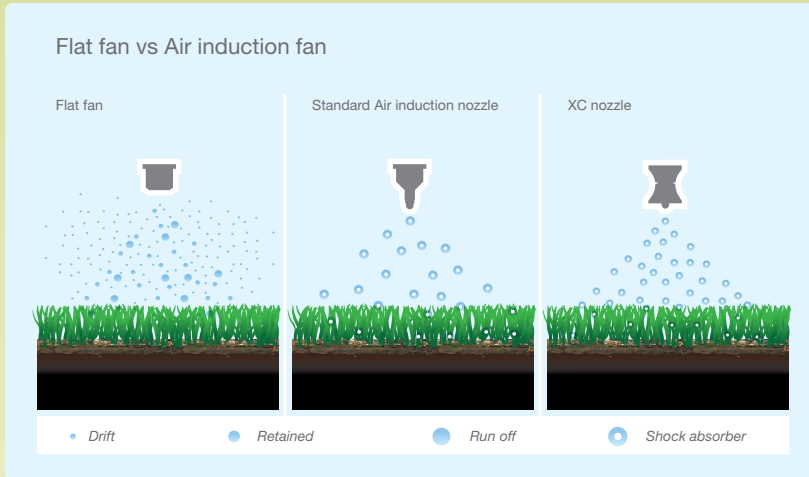


In the current climate where chemical applications are scrutinised and product performance is a must, turf product delivery must be more targeted than ever before. Application performance is one of the most important aspects of spray application following product selection.

Understanding the pest, product, placement and having a clear procedure will help you achieve great results.

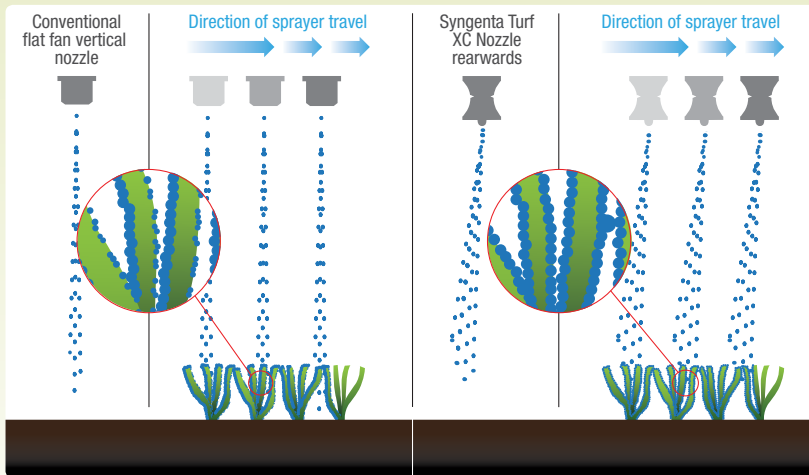
Current issues	XC Nozzle Solution
Slopes and undulations causing uneven spray patterns as boom heights change 	Entirely new design with a unique orifice shape assures uniform coverage even where nozzle spraying height is reduced over undulating ground.
Wind causing spray drift 	Syngenta XC Nozzles use innovative air induction technology to significantly reduce risk of spray drift and create more available spray days. Laser diffraction studies show standard 04 nozzles have around 15% of the spray volume as driftable, while the Syngenta XC nozzles have around 3%.
Large droplets give uneven leaf coverage 	To enhance leaf coverage, Syngenta nozzles create significantly more droplets per mL than most other air induction and low drift nozzle designs.
Uneven spray distribution on the leaf 	The rearwards facing spray pattern counteracts the forward movement of the sprayer to deliver all round coverage of the turf leaf. BACK=FRONT

Optimised coverage with more droplets



Earlier generation air induction nozzles reduced the drift component of the droplet spectrum but to achieve this, the penalty was often a reduction in droplets per mL of spray volume. XC nozzles regain the combination of optimal droplet size and number.

Total turf coverage

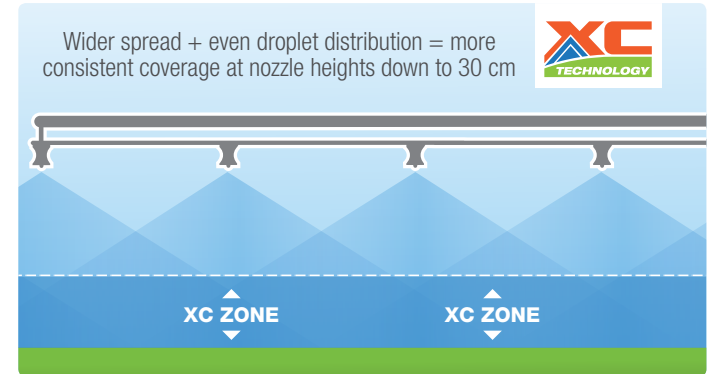


The rearwards spray angle compensates for the forward movement of the sprayer, delivering better all round coverage of turf leaves. Get the most out of contact fungicides and growth regulators with more consistent and predictable coverage.



Ridge on nozzle tip should face direction of travel

Get even



Syngenta nozzles have been specially designed to maintain even coverage, including when spraying undulating areas.




- Maintain spray pattern when boom dips below 50 cm
- Maintain even coverage across boom despite variable boom-to-target height of right vs. left side due to angulation of ground

Reduce drift

The combination of XC nozzles and air induction technology reduces the drift component of the spray volume to some of the lowest levels achieved in turf to date.



Syngenta Turf XC Nozzle range

Nozzle	Size	Typical water volume (L/ha)	Typical spraying speed (km/hr)	Recommended use	Best used with
	025	220 – 430	3 – 5	Foliar applications on greens and tees	ACELEPRYN AGADOR BANNER MAXX CASPER DACONIL WEATHER STIK HEADWAY MAXX HERITAGE MAXX
	04	300 – 520	5 – 7	Foliar applications on fairways and roughs	HIGRAN INSTRATA MONUMENT LIQUID PRIMO 250 EC PRIMO MAXX VELISTA
	08	600 – 1000	4 – 7	Soil applications and wetting agents	ACELEPRYN AGADOR BANNER FAIRWAY BANNER MAXX BARRICADE

Nozzles are available from your Syngenta Agent in Australia or from PGG Wrightson Turf in New Zealand

NOTE: Not all products are available in New Zealand

Through their innovative design and quality engineering, Syngenta Turf XC Nozzles counter what historically have been challenging issues for spray technicians and turf managers.

For more information please call Syngenta Customer Service on 1800 022 035 or visit www.greencast.com.au

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