

XYSTON is a water soluble concentrate made up of 40% organosilicone + 40% esterified vegetable oil.

XYSTON

A wetter, spreader and uptake agent for use with all pesticides to improve coverage and uptake.

Improves crop spray coverage and penetration into the crop canopy giving **HIGHER EFFICIENCY** of the applied pesticide.

Organosilicone **AIDS SPREAD AND LEAF RETENTION** of contact products.

Plant oils **IMPROVE SPEED OF UPTAKE** of systemic products through the leaf wax.

Increases **RAIN-FASTNESS** of the application.

Gives more uniform droplets resulting in **LESS DRIFT** and **REDUCED "DROPLET BOUNCE"**.



Use with all products requiring a vegetable oil carrier or where MSO is recommended as the adjuvant.

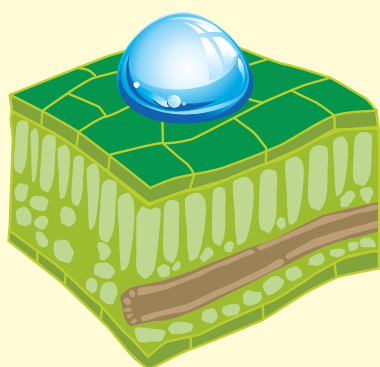
DUAL ACTIVITY

The blend of active ingredients is specifically designed to:

- ▶ Increase the speed of uptake of systemic fungicides.
- ▶ Improve the spread and leaf retention of contact pesticides.

XYSTON lowers the surface tension of the spray solution giving improved coverage and greater efficacy and uptake of the pesticide.

Pesticide alone



Without XYSTON

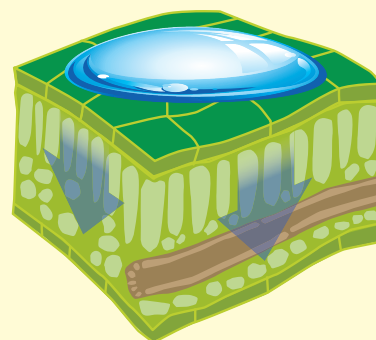


LEAF SURFACE

- ▶ Uneven spray coverage due to high surface tension.
- ▶ Pesticide finds it difficult to penetrate and pass through the waxy cuticle layer of the leaf.



Pesticide + XYSTON



PESTICIDE MOVEMENT with XYSTON



LEAF SURFACE

- ▶ Enhances uptake of pesticide.
- ▶ More even spray coverage due to reduced surface tension.
- ▶ Aids penetration of waxy cuticle.
- ▶ Opens stomatal pores.

SURFACE TENSION TEST RESULTS

- The ST of water is about 73.
- A standard non-ionic wetter will reduce the ST of a typical pesticide solution to around 30-32.
- ✓ XYSTON will reduce this to around 20-22 thus allowing 'super spreading'.

APPLICATIONS

May be applied to all crops. Use at a rate of 0.1 % to 0.5% of the spray solution.

Water Rate/Ha	XYSTON at 0.1 %	XYSTON at 0.25%
100 Litres	100ml	250ml
200 Litres	200ml	500ml
300 Litres	300ml	750ml
400 Litres	400ml	1000ml