

# Steadfast vs XX 700 \*

\*(any 350 g/L Soyal Phospholipid + 350g/L

The following is a guideline for comparing rates of any XX 700 product to Steadfast.

	ml Rate per 100 litre of Water	
	XX 700 *	Steadfast
Ph Adjuster	62.5	30
	100	50
	125	60
	150	60
	200	60
Wetter and Spreader	250	60
	300	75
	350	85
	400	100
	450	110
	500	120

PLEASE NOTE: At the 30 -60 ml rate Steadfast will also act as an effective Wetter spreader and compatibility agent, unlike the lower rates of XX 700

**Continued use of Steadfast will also help to keep tanks, lines, screens and nozzles clean.**

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**Steadfast**

**Broadspred**

**Deploy 1000**





## Introducing Growth Agriculture

**Growth Agriculture** is a family owned Australian company based in Wee Waa, North West NSW with manufacturing facilities at Goondiwindi QLD. Growth Ag commenced operations in 1992 with a corporate philosophy of developing environmentally acceptable agricultural products and practices long before “climate change” became a catch cry in our community.

Recognising the future needs of the industry the company was established in 1992, in Wee Waa NSW, to explore the international scene as to the availability of products, technology and concepts for future development in Australia.

In partnership with the Cotton Catchments Communities CRC, Growth Agriculture developed an exciting new Natural Insecticide. Growth Ag now own the technology in full and are developing the APVMA registration package. Please check with Growth AG for updates in the coming year!

## Broadspred - Organo Silicone Surfactant

**Broadspred** is an Organosilicone surfactant that will improve coverage and penetration of all spray applications.

**Broadspred** is a negatively charged solution. When a negatively charged ion comes into contact with a negatively charged leaf surface, the solution will be repelled, or caused to spread over the leaf.

**Broadspred** works by reducing the surface tension of the water droplet more effectively than non-ionic surfactants. It helps the spray droplet spread more effectively both above, on top of, and underneath the leaf. This activity can be crucial when targeting pests such as aphids and mites.



Broadspred



## Deploy 1000 - Non Ionic Spreader

**Deploy 1000** is a non- ionic spreader that gives a quick wetting action, and improves absorption and spray coverage. Deploy 1000 is neutrally charged, and when a neutrally charged solution comes into contact with a negatively charged leaf surface, the solution will spread and penetrate the leaf surface.

**Deploy 1000** increases retention of spray droplets by reducing the surface tension enabling improved coverage of the leaf surface. This is particularly useful when targeting weeds with hairy or waxy surfaced leaves that are hard to kill with contact herbicides.



Deploy 1000

## Steadfast:

### Spreader - Activator - Acidifying Agent

Many agricultural chemicals degrade rapidly in high pH (alkaline) water. It is very common to have bore water or irrigation canal water with a pH of 8.0 or above. Phosphate insecticides and many other pesticides degrade rapidly when placed in this water. The effect can reduce the activity of pesticides before the spraying operation is completed.

**Steadfast** helps protect your chemical investment through pH adjustment. In most cases **Steadfast** will lower the pH of alkaline water by 2 or more points. Reduction of pH will vary from one water source to another, however **Steadfast** is active enough in most waters to adjust the pH into a safe range. **Steadfast** does not affect the soluble salt content of the water.



Steadfast

