

The Synergy Range of products is designed to simplify the use of spray additives for farmers and contractors as well as smaller users.

The products in the range will help improve the performance of most herbicides, fungicides and insecticides. Some of the products improve and increase uptake and activity within plants, others aid in keeping the products where they are sprayed – minimising drift or loss from the sprayed surface.

Results will be more consistent and effective and in some cases will lead to less over-all use of the base herbicide, insecticide or fungicide. Each product performs a specific task with some having multi-functional capabilities.

| FOAMER | This foam marker withstands tough conditions – high soil and air temperatures and strong wind which means a longer persistence in the paddock.

| NO FOAM | a foam suppressant that acts quickly to seal off the spray-mix. An important product to use with dry-flowables and powders to prevent these products from foam hang-up in the tank. Also allows accurate filling.

| LOW DRIFT | This products ensures uniform droplet sizes of 200-300 microns and limits the number of fine droplets. This means you can spray for longer in windy conditions. It also limits the tendency of some products to volatilise in certain conditions. Another feature is that at higher rates Low Drift acts as an encapsulator – reduces rainfastness, reduces volatilisation and photodecomposition.

| MINERAL OIL | Provides a uniform spread of various herbicides, insecticides and fungicides in trying conditions. It is widely used in orchards. Reduces evaporation in hot conditions. Before purchasing, check with the label on the chemical you're using for compatibility – quite a few don't mix well.

| pH BUFFER | This product reduces the pH to an ideal range of between 4.5 and 5.5. This in turn slows the breakdown of alkaline sensitive products. Solubility of a lot of products is improved at an ideal pH. It's also a great starting point when dealing with hard water and using glyphosate. Aids good mixing when using foliar nutrient sprays mixed with emulsifiable concentrates.

This product is unique – it has a patented built in red indicator. To estimate the hardness of the water and the amount required per 100 litres – Get a 1 litre jug of the water being used. Slowly add pH Buffer to it until it goes pink. Once the colour stops changing you have reached the right amount – multiply the amount used by 100 for every 100 litres of mix.

| PENETRANT | An organosilicone penetrant that needs to be used with some products to get the desired results. These include brushkillers such as Rival™, Mustang* etc, but also can include products like Orion Glyphosate 360 and Tillmate™ where superior results are required. Penetrant also provides some rainfastness qualities – 30 minutes, so if you buy this don't buy Rainfast.

| RAINFAST | This is a specialized blend designed for use with brushweed herbicides and glyphosate to drop the standard rainfall interval from 1 hour to 30 minutes. Gives added confidence in showery weather and ensures longer spray days for contractors – very cheap insurance!

| RED DYE | If you want to see where you or the contractor have been this product will let you know. Ideal for using when spot spraying pasture weeds to reduce wastage and when spraying bunches of brushweeds. Remember – it is a dye and it will stain things – including you!

| TANK CLEANER | A useful product that removes most products from farm sprayers, knapsacks and helicopter tanks. Ideal for shifting from glyphosate to fungicides for example. Follow the simple instructions and spray with confidence. With the tough guys – metsulfuron and phenoxies, you may need to flush the system twice and test the third mix on some sensitive plants prior to using again. Contact Orion Crop Protection on 0800 674 6627 for decontamination details.

| WETTER STICKER | Improves chemical retention on the plant to give better results with everything. It is also widely used to improve the absorption of water and some insecticides into soil. Bowling greens and golf clubs use this product on turf.

| BURN OFF | Enhances herbicide activity by getting past the waxy plant cuticle quicker. Widely used with glyphosate to obtain a faster knockdown and paddock turn-around.



| The A-Team in Additives |