

## PREMIUM PLANT OIL ADJUVANT

For addition to horticultural and garden sprays to increase spray deposition and penetration, droplet spread and uptake on the target to assist spray drift control and rainfastness.



## INTRODUCTION

**Xtend®** is a highly efficient organic sticker / spreader, used with pesticides, herbicides, insecticides, and foliar nutrient sprays that maximizes their effectiveness whilst benefiting the surrounding environment.

### WHY XTEND® WORKS SO WELL

- Increased target penetration due to its composition. Xtend® bonds with leaf and insect cuticles. This increases the penetration of the spray onto the target.
- Drift reduction. The uniformity of droplet size reduces the very fine droplets associated with drift and off the target damage.
- Odour reduction. Xtend® reduces offensive and toxic odours associated with some spray products.
- Minimised evaporation. Xtend® puts a protective layer of oil over the spray droplet. This means your valuable spray will survive longer on the target.
- Rainfast enhancement. Works in adverse spraying conditions. Once applied, Xtend's® protective oil layer repels water, minimising wash-off in light rain falls after spraying.
- Insect and fungus control. Growers are continually commenting that Xtend® aids the plants natural defence against adverse weather conditions and pests such as mites, aphids, scales, thrips and other insects.
- UV protectant. Xtend® forms a protective film on the contact surface which helps prevent sunlight damage to plant tissue.
- Less water required as Xtend® increases spread and coverage of sprays, less water is required as a carrier.

## ACTIVE INGREDIENTS

A unique blend of highly degummed Canola oils blended with vitamin A & E.

## SHELF LIFE & STORAGE

Keep out of reach of children. Store in the closed original container in a well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight.

Xtend® can be used up to 12 months from the manufacturing date.

## COMPATIBILITY & USE

Xtend® should be premixed with the spray concentrate and then diluted in water.

Xtend® can be mixed with most commonly used insecticides, herbicides, fungicides and foliar fertilisers. We recommend however, to always check the label of the product to be mixed for compatibility prior to application.

Do not use Xtend® with Delan®, Targa®, Achieve® and Dordine.

A prime function of Xtend® is to increase the efficiency of the products carried. Therefore, to avoid damaging the crop through excessive uptake of pesticides or other products, always test the rate to be applied by application to a small area prior to full scale spraying with a new product. It has been commonly noted that up to a 20% reduction in herbicide or pesticide may be warranted in order to offset the increased uptake.

## PACKAGING

Xtend® is available in the following containers:

- 20L and 1000L

## APPLICATION RATES

Xtend® is suitable for use in a wide range of market sectors – some are listed here:

Pasture, Dairy, Sugar, Broad Acre, Horticulture, Viticulture, Turf, Golf Courses, Bowling Greens, Race Courses.

Crop	App. Rate/ha	No. of applications
All crops	200 - 300ml	Every time an adjuvant is needed with fertilisers or chemicals

**To be diluted in a minimum of 100L of water/ha**

## PRODUCT BENEFITS

Whether mixed with chemicals, nutrient sprays or organics such as AminoElite® or Microbe Plus®, Xtend® will minimise spray, drift, odours and run off. It will increase contact coverage and uptake by the spray target. This often reduces the need to frequently re-spray pests.

## HIGH COVERAGE

Xtend® maximises the performance of horticultural and garden sprays by increasing the amount of spray that reaches and adheres to the sprayed surface, providing a natural safe carrier for your sprays.

## INCREASED SPREADING CAPACITY

Xtend® adheres to the waxy surfaces of foliage and insects, spreading out in a thin layer across the treated surface. It overcomes the problem of beaded droplets on waxy surfaces. Therefore it covers a much greater area, spreading the spray where it is needed.

## ENVIRONMENTALLY FRIENDLY

Xtend® is a certified organic product. It will degrade by natural process, much faster than mineral oils, reducing the risk of pesticide or mineral oil build-up on crops or in the soil. Xtend® is safe to use on all foliage, fruit and crops and is kind to the environment. The addition of vitamins A and E will also benefit soil micro-organisms.

## GrowGreen Pty Ltd

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GrowGreen Pty Ltd makes no express or implied warranty regarding the storage, handling, use or results obtained from using this product (excluding statutory warranties).

For information about specific application rates, please contact our technical staff.

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