

LS Lambda



LS Lambda is a contact and ingested pyrethroid insecticide from Life Scientific for control of a wide range of pests in wheat, barley, oats, oilseed rape, peas, beans, potatoes, sugar beet, carrots, parsnips, brassica and pear crops.

The capsule suspension (CS) formulation of LS Lambda means less exposure for the operator to the active ingredient when handling the product.

LS Lambda contains 100g/L lambda-cyhalothrin

For more information including product label, safety data sheet and compatible tank mixes see the Life Scientific website ie.lifescientific.com or download the App to get product information direct to your phone.

Product Comparability

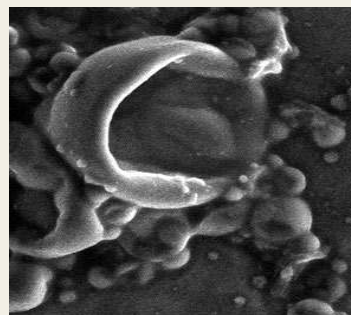
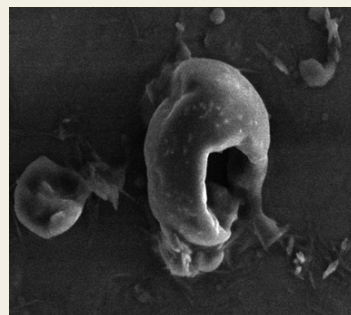
CRD give all the Life Scientific reverse engineered products approval based on comparability to the reference product.

This means LS Lambda has been classed as comparable to the reference product Karate Zeon from pesticide chemistry, mammalian toxicology, ecotoxicology and efficacy perspectives.

This means it works in exactly the same way and gives the same results that you would expect from the reference product.

The chemists at Life Scientific have worked hard to ensure the LS Lambda formulation behaves in the same way, so the capsules break down and release the active ingredient at the same rate, giving the same speed of activity and persistency as the reference product.

The electron microscopy images opposite show breakdown the capsules of Karate Zeon (top) and LS Lambda (bottom)



Insecticide Study

As part of our research into how to deal with the BYDV risk in cereals this Autumn, following the loss of neonicotinoid seed dressings and dealing with Cabbage Stem Flea Beetle in OSR crops, Life Scientific have commissioned Agrochemex to carry out an insecticide knockdown and persistence study in a replicated glasshouse trial.

A sensitive population of aphids (*Aphis fabae*) were introduced to bean plants, which were then sprayed with lambda-cyhalothrin insecticide.



Plants were sprayed with either Life Scientific's LS Lambda or Karate Zeon at a rate of 50ml in 200 litres of water.

Aphids were then counted at 3, 7 and 14 days after application.

As expected, no significant differences were apparent between LS Lambda or Karate Zeon in terms of knockdown or persistency, however it's always good to receive confirmation of product comparability between LS Lambda and the reference product.



About Life Scientific

We specialise in bringing high quality off-patent crop protection products to market. Our goal is to give our customers better options to meet their plant protection needs.

We can do this by being first to market with an off-patent alternative, or by designing innovative versions of current off-patent agrochemical products. Our scientists navigate complex organic and analytical chemistry and regulatory requirements to develop optimised formulations. Innovation is at the heart of everything we do. Our holistic approach and smart working practices ensure our products stand up to the most rigorous scientific and regulatory standards.

So if it's under the Life Scientific brand you can be confident it's as effective as the current leading standards in the market.

Other products from Life Scientific available through Crop link:

Azoxystar (azoxystrobin 250g/L SC

LS Lambda and Azoxystar are registered trademarks of Life Scientific. LS Lambda contains lambda-cyhalothrin. Azoxystar contains azoxystrobin.

All other products are those of other manufacturers where proprietary rights may exist. Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to www.lifescientific.com