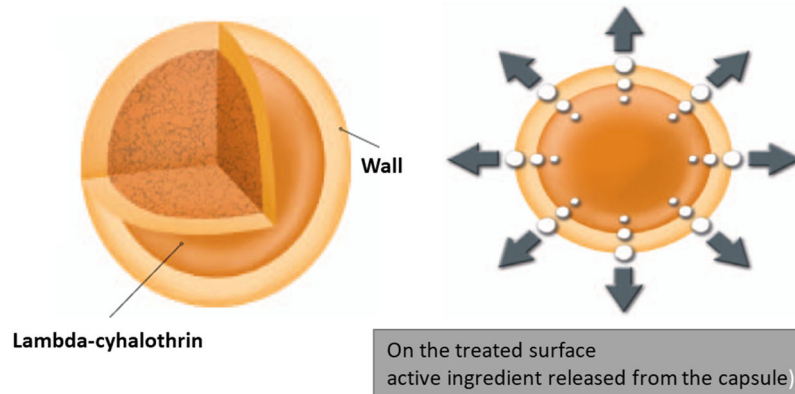


Technical Summary: Balliol



Balliol is an insecticide with a novel formulation based on MICROPLUS® technology developed and patented by the encapsulation specialists Sipcam. Balliol is a CS formulation, a suspension of microcapsules containing lambda-cyhalothrin, with a specific release modulator triggering active ingredient release at product application. Balliol can be used on a broad range of crops and pests in the UK.



Balliol contains lambda-cyhalothrin as its active ingredient. Lambda-cyhalothrin is an organic synthetic molecule belonging to the pyrethroids family. Lambda-cyhalothrin is essentially a contact acting insecticide with secondary action by ingestion with rapid activity and a high knock-down effect. The lambda cyhalothrin affects the nervous system of the insect pest resulting in a state of over excitement leading to irreversible paralysis of the pest.

Formulation:	Patented MICROPLUS technology capsule suspension (CS)
Active ingredients:	100g/l lambda-cyhalothrin
Crops:	Winter & spring wheat, barley, oats, oilseed rape, combining peas, field beans, vining pea and edible podded peas, potatoes, sugar beet, pears, brussels sprouts, cabbage, cauliflower, broccoli, calabrese, outdoor lettuce, carrots and parsnips
Maximum rate:	Crop dependant, see label
Max applications:	Crop dependant, see label
Spray volume:	200-1000 l/ha (crop dependant) Medium quality spray
Buffer zones:	5 m to surface water bodies
Latest timing:	Refer to product label (Label available on www.sipcam.co.uk)

Some strains of aphid species have developed resistance to many aphicides. Where aphids resistant to lambda-cyhalothrin occur, BALLIOL will not give satisfactory control and repeated applications will not improve activity. The BALLIOL mode of action is classified by the IRAC mode of action code: '3'.

Please refer to current IRAG and AHDB advice on insect pest resistance management



Balliol (MAPP 19343) is an insecticide containing 100g/l lambda-cyhalothrin