

Aphids on cereal ears

“Grain aphid numbers are increasing with few natural predators so warm weather could see rapid build in populations”. ADAS Crop Action 18June09

Aphids are now being found widely in wheat crops. The current warm dry weather is very conducive to their build-up and current levels could quickly increase. Not only can they cause a yield penalty by direct feeding but their exudate can encourage the development of saprophytic fungi leading to grain discolouration and loss of grain value.

More importantly, there appears to be very low levels of natural predators, so any increase in the aphid population may not be sufficiently checked.

- Control is relatively easy and inexpensive.

Esfenvalerate is a highly active pyrethroid with excellent activity on aphids. It is fast acting, giving good knockdown and long lasting persistence, making it the most suitable pyrethroid for this purpose.

Other pyrethroids may give knockdown but if suitable conditions prevail, aphid colonies can quickly re-establish and re-offer the threat to the harvest.

Formulated as a 25g/L EC, **Sumi-Alpha** has a label recommendation for this purpose. It is suitable for use on all varieties of wheat GS77 (Grain late milky ripe), or for barley GS73 (early milky ripe stage).

- **Rate of use** – 200mls/ha. This is slightly higher than the autumn BYDV rate because of the larger crop canopy compared with the autumn. Lower rates may give knockdown but with reduced persistence, allowing colonies to build up again given suitable conditions.
- **Water rate** – Use at least 200L water/ha to ensure good crop coverage.
- **Spray quality** – MEDIUM

APPLICATION GUIDE :

- **LERAP :** B
- **Rainfastness :** Excellent once dry on leaf
- **Compatibilities :** Widely compatible with T3 fungicides

Sumi-Alpha is an ideal pyrethroid for controlling any summer aphid threat in cereals.

For further information please try - www.interfarm.co.uk/ProductGuide/ or ring Interfarm on 01354 741414, or email technical@interfarm.co.uk

Read the label before use. Use Pesticides safely

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Summary
Grain aphids may be a threat to harvest this summer. **Sumi-Alpha** is an ideal pyrethroid with excellent efficacy and a good harvest interval to combat this problem.