

IMPORTANCE OF Chlorothalonil in the UK

CHLOROTHALONIL

IS A HIGHLY EFFECTIVE MULTI-SITE FUNGICIDE WHICH HAS BEEN USED ACROSS THE WORLD FOR OVER 50 YEARS

As a protectant contact multi-site fungicide chlorothalonil prevents spores from germinating and infecting the plant if applied prior to spore release, thus helping growers manage disease resistance.

CHLOROTHALONIL IS A CORNERSTONE IN RESISTANCE MANAGEMENT

IN BARLEY, *Ramularia* leaf spot is the most important disease affecting yield. This disease has developed resistance to several groups of active substances. Varietal resistance and cultural control are not effective.

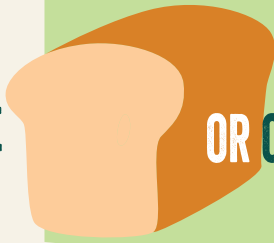
EFFECTIVE DISEASE CONTROL NOW DEPENDS SOLELY ON CHLOROTHALONIL BASED FUNGICIDES

IN UK WHEAT,

Septoria tritici is the most important fungal disease impacting yield and quality.

No wheat varieties are fully resistant and cultural control options are limited. Losses of 50% have been reported in severely affected crops – across the UK that level of loss is equivalent to

**6500 FEWER LOAVES OF BREAD PER HA
OR OVER 5 MILLION LOAVES OF BREAD PER DAY**



OR

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POTATOES

Chlorothalonil is important in controlling *Alternaria* early blight in potatoes, without it there could be a yield reduction of up to 30%.

**= 2 MILLION TONNES OF POTATOES
= EQUIVALENT OF 80 BILLION PACKETS OF CRISPS**



WITHOUT CHLOROTHALONIL

THE COST OF PRODUCING A TONNE OF UK WHEAT

COULD BE EXPECTED TO INCREASE BY BETWEEN 8-12%

YIELD LOSSES IN SPRING BARLEY CAN BE UP TO 0.6 TONNES PER HECTARE EQUIVALENT TO



5.5 BILLION PINTS OF BEER!