









TURNIP YELLOWS VIRUS (TUUV)

TuYV is transmitted to the oilseed rape crop by aphids principally *Myzus persicae* – the Peach Potato aphid. Upto 72% of *M. persicae* are infected with TuYV hence the threat to the crop is significant.

Infection usually occurs in the autumn although symptoms (leaf discolouration and stunted plants) are often not seen until the spring. Even then they are often misdiagnosed as drought, stress or nutrient deficiency.

The effects and costs of this disease cannot be underestimated:

-  Stunted plants
-  Purple leaves early in the season
-  Reduced primary branching
-  Fewer seeds per pod
-  Reduced oil content
-  Yield reductions of up to 30%, according to some studies



Once infection has occurred the disease cannot be controlled, so autumn control of the aphid threat is vital.

Aphids have been controlled in the Oilseed Rape crop for several years by the now banned Neonicotinoid seed treatments; Cruiser Modesto and to a lesser extent Chinook. Without these treatments growers will be forced into a difficult, time consuming and expensive spray programme if they are to control the disease.

The situation is made worse by the reduction in available aphicides and by the widespread and increasing levels of resistance to them.

The alternative to this threat is to select a TuYV resistant variety.



AMBASSADOR
FULLY LOADED HYBRID



ASPIRE
FULLY LOADED HYBRID



ARTEMIS
FULLY LOADED HYBRID



ARCHITECT
FULLY LOADED HYBRID



AURELIA
FULLY LOADED HYBRID

