

Important Crop Protection reduction - possible with increased Late Blight resistance in Starch Potato

From 2 studies in the Netherlands (~45.000 ha) we learn that:

1. In 2020 ~ 425 MT of fungicides were used to control late blight (*source: CBS*). 525 MT in total (herbicides, insecticides and others)
2. With smart use of NGT resistance in combination with crop protection over 80 % fungicide reduction can be obtained (*source: Potato Research (2016) 59:35–66*)

**Minus 340 MT
fungicides/year or a ~65
% reduction**

For Europe (235.000 ha) this could mean:

1. Assuming a similar input of fungicides to control late blight would mean 2.200 MT
2. Similar use of NGT and smart use of fungicides should lead to a similar reduction

**Minus 1.750 MT
fungicides/year or a ~65 %
reduction**

OPPORTUNITY