

Client Case study

Product	ModipHy Xtra	Client	Paul Hayes
Application	Herbicide on Wheat Stubble	Sector	Agriculture
Date	October 2014/ March 2015	Issue	Hard Water & Herbicide Performance
Location	Cambridgeshire	Result	Faster more effective weed kill

Background

Paul Hayes decided to trial the new ModipHy Xtra water conditioner on the basis of previous success with Ilex nutrients and phosphites. Farming in a very hard water area with hardness rates of above 300 ppm Paul had been struggling to get the performance he expected from his herbicides and had tried various wetters to boost performance.

Product and Application Rate

In October 2014 half the field of wheat stubble was sprayed with Touchdown at a rate of 3 litres per hectare and the remainder was sprayed with a reduced rate of 1.5 litres per hectare with the spray water treated with ModipHy Xtra at 300ml per 100 litres.

Immediate Results

The results were visible within 7 days. The half treated with ModipHy Xtra had shown a rapid kill whilst the untreated area took 14 days before it began to die off.

Spring 2015

When revisited in March 2015 the effects were still clearly visible. The half treated with ModipHy Xtra had greened up but only slightly compared to the untreated side. To achieve a consistent kill the untreated side had to be re-sprayed twice with the side treated with ModipHy Xtra requiring only one re-spray. Even after planting with beet Paul has since reported that the treated side has remained largely free of charlock compared to the untreated side.

“I have been really impressed with the results and will definitely be using ModipHy Xtra whenever I need to use a herbicide. It was very easy to use and has been extremely effective.”



“It tackled the hard water problem at the source and I can see that the herbicide is doing what it should do, ...getting right into the roots for a fast and more effective kill.”

Paul Hayes, June 2015

Left: March 2015 Herbicide at 3.0 l/ha.

Right: March 2015 Herbicide at 1.5 l/ha treated with ModipHy Xtra

