

# AUTOMATION AND AI IN WALES: PRECISION AGRICULTURE



## New and emerging farming technology is disrupting the way farmers monitor and manage the land

Precision agriculture could help biodiversity, with new weedkiller technology vastly reducing the amount of weedkiller used through micro-droplet application onto identified weeds, and using lasers to heat and destroy weeds.



## WHAT THE WITNESS SAID



The technology that we've got in the UK is as good as anywhere else in the world, if not better. We're one of the leading areas.

**Professor Simon Blackmore**

Head of Agricultural Robotics,  
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## FURTHER READING

### ◆ Drones, robots and satellites: the future of Welsh agriculture?

Research Service Blog

### ◆ Precision farming

Parliamentary Office of Science and Technology

### ◆ Precision Agriculture: separating the wheat from the chaff

Nesta

## THE WITNESSES CALLED FOR:

- ◆ Good, reliable broadband in rural areas
- ◆ Demonstration farms across Wales to showcase cutting edge technology
- ◆ Support for start ups, which have the potential to make major impacts in this area



For more information about the Economy, Infrastructure and Skills Committee and its work on automation in Wales visit: [www.assembly.wales/seneddeis](http://www.assembly.wales/seneddeis)