

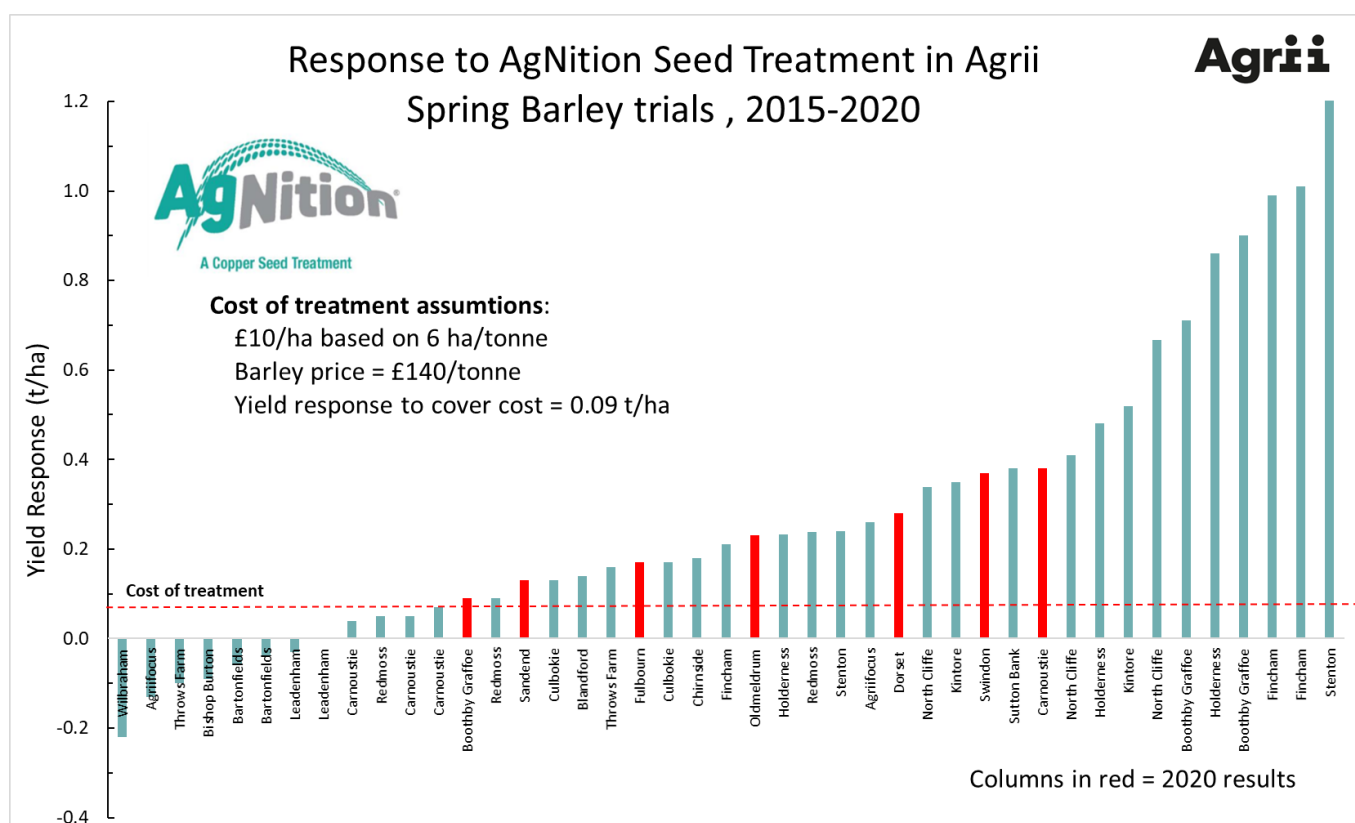
## Why Use AgNition Seed Treatment?

### ✚ Benefits of AgNition Seed Treatment

- ✚ Provides a readily available source of Copper from germination onwards
- ✚ Produces a consistent return where it is used
- ✚ Delivers 750 g/tonne of Copper
- ✚ Safe to the crop and compatible with all other treatments including Take Off and i-Man.
- ✚ Compliments follow-up foliar application of copper
- ✚ Unique to Agrii and tested over 6 years

### ✚ Results from Agrii's Trials in Spring barley

- ✚ Consistent yield responses have been seen in Agrii's R&D and ifarm trials over the past six years.



## What situations favour the use of AgNition Seed treatment??

### ✚ Factors Affecting Copper Availability

- ✚ Soils low in organic matter and derived from igneous rocks e.g. the Brecklands of East Anglia and sandstones in Scotland.
- ✚ Sandy and acidic soils
- ✚ pH > 7.0, calcareous soils and recently limed soils
- ✚ Soils >10% Organic Matter (lock up)
- ✚ Prolonged dry soil conditions

## Why is Copper Important?

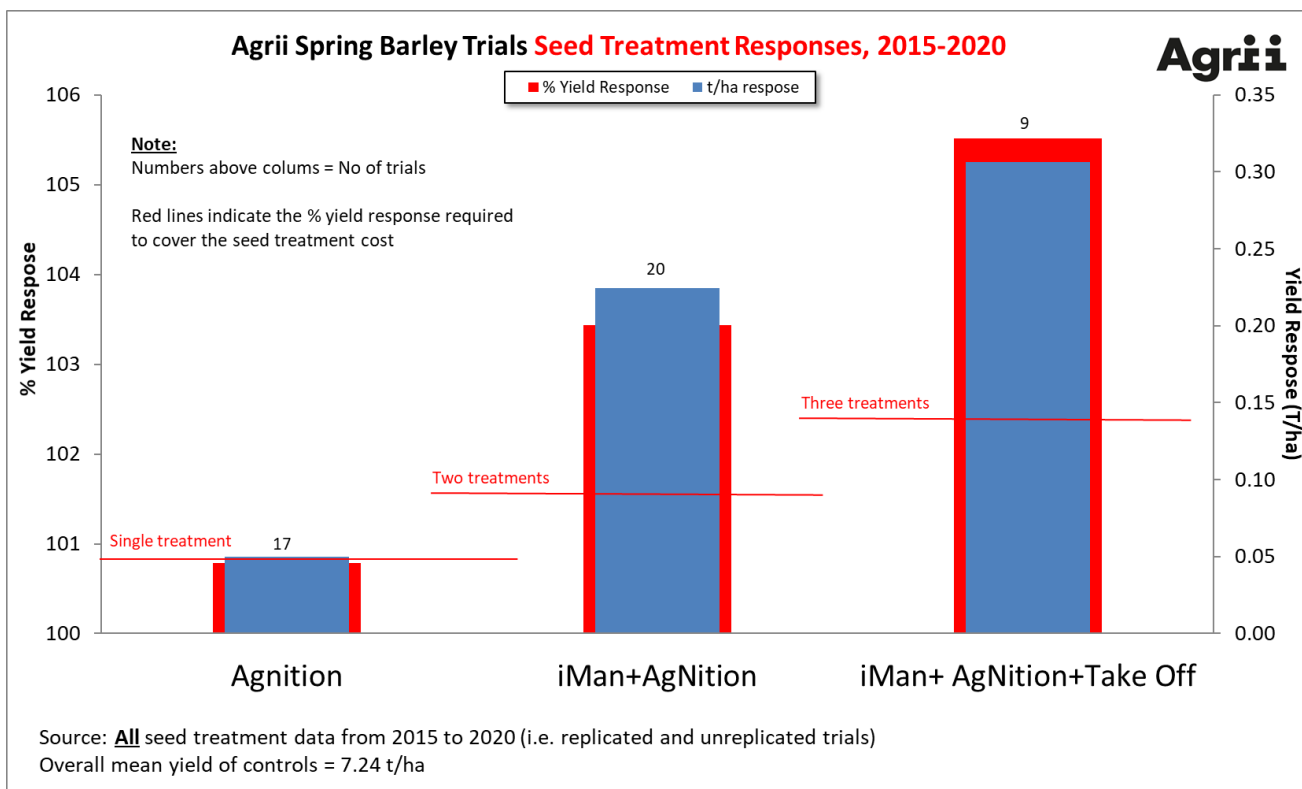
### ✚ What does Copper Do?

- ✚ Copper is an essential component of various enzymes involved in photosynthesis, respiration, protein synthesis and regulation of plant hormones.
- ✚ Poor availability of copper can lead to a variety of problems in plant growth some of which may display no visible symptoms.

## Can It Be Co-applied with Other Nutrient Treatments?

### ✚ Copper deficiency affect 30% of the Scottish acreage and 5% of England and Wales

- ✚ Agrii's trials over the past four years show that it is complimentary to iMan seed treatment and the biostimulant, Take Off PGA.



### ✚ Copper Levels – The Agrii-Lancrop study 2107

- ✚ The black line indicates the average level (in ppm) from historical tissue analyses of hundreds of crops. The red line indicates the typical level in high yielding crops.
- ✚ The study showed that Copper is required early in the crops life and the requirement remains constant as they develop. The study provides strong supporting evidence that a seed treatment is one of the best ways of providing an early targeted source of Copper to the crop.

