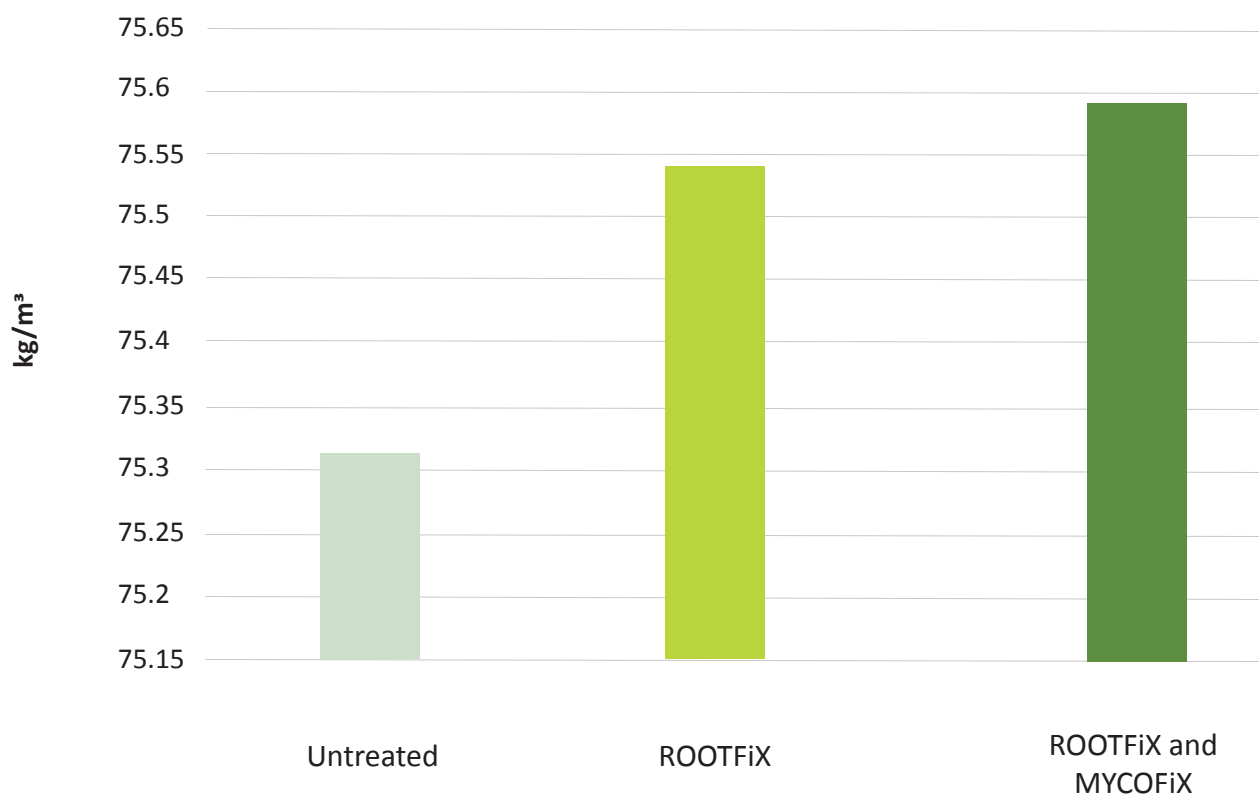
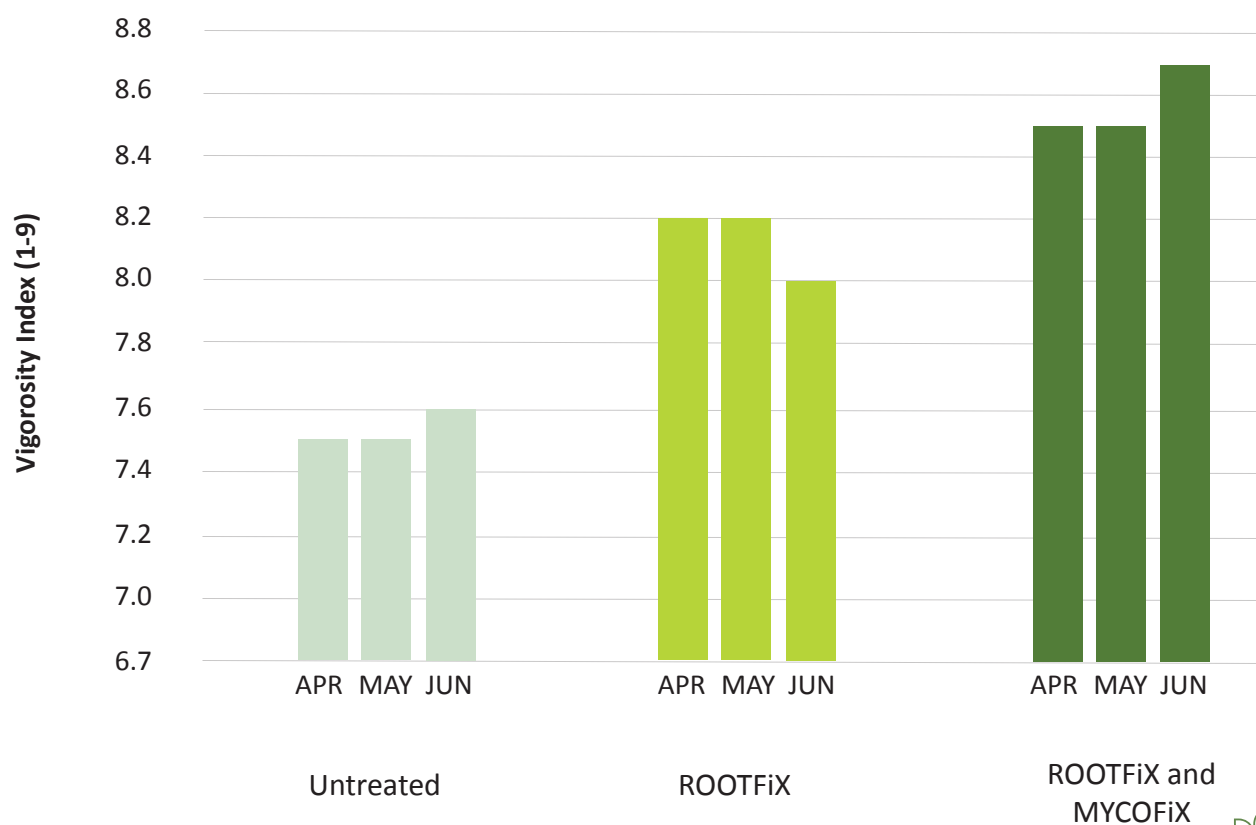


**Winter wheat: Yield (kg/m<sup>3</sup>)**



**Winter wheat: Vigorosity index overview**



**Yield data (kg/ha)**

CROP	UNTREATED SEED	CONVENTIONAL TREATMENT	ROOTFiX	LSD 95%
Spring Barley	4.718	4.823	5.103	0.4
Corn	Not available	12.369	12.754	1.3
Winter Wheat	4.487	4.473	5.096	0.2
Spring Wheat	3.717	3.822	4.018	0.5



Worse than untreated seed



Better than conventionally treatment



Better than untreated seed



Significant increase in yieldtreatment

**Soybean**

Keszthely - Hungary  
2020

**Yield (kg/plot)**

TREATMENT	CORR. YIELD (%)	CRUDE PROTEIN MEAN (g/100 g DM)
Control	5.52	43.23
4 mL/kg LIQUIFIX	5.88	44.53
4 mL/kg LIQUIFIX + 41,3mL/kg seed MOLYFIX	5.88	45.82
4 mL/kg LIQUIFIX + 4 mL/kg seed MOLYFIX	6.15	45.87
4 mL/kg LIQUIFIX + 1 g/kg seed MOLYFIX	6.02	45.62

Fresh weight data (kg seed/plot) were corrigated to 14% seed moisture and to 555 plants per parcel



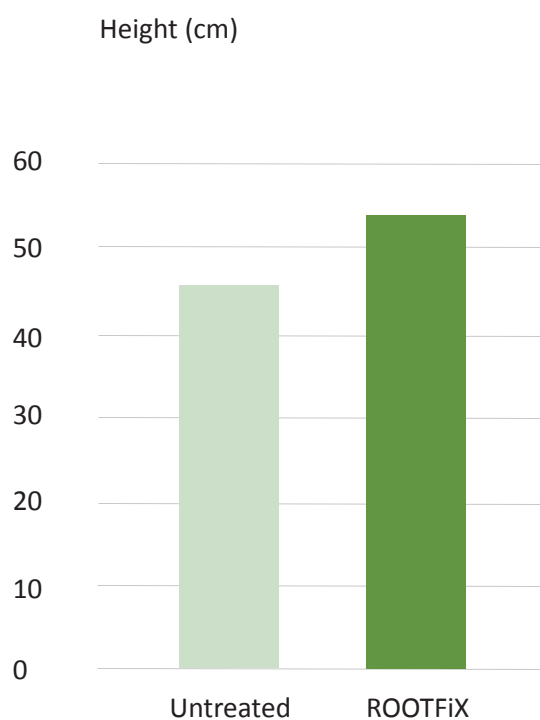
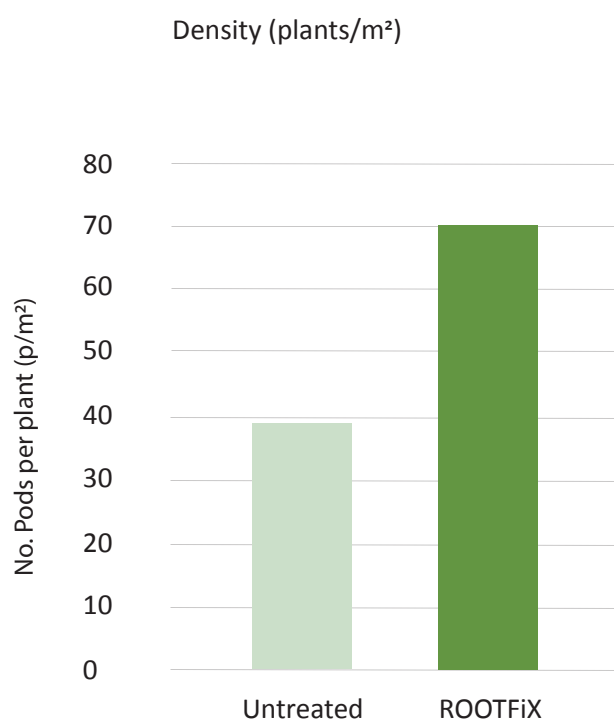
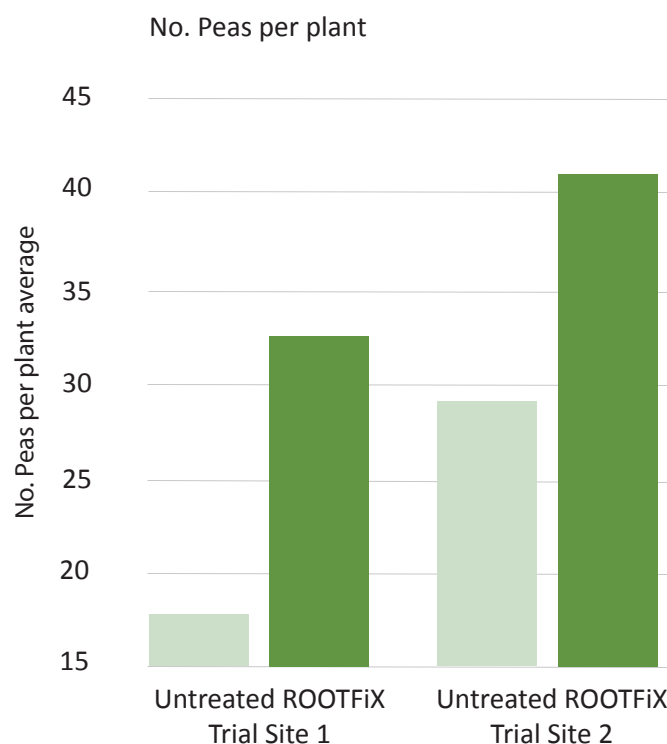
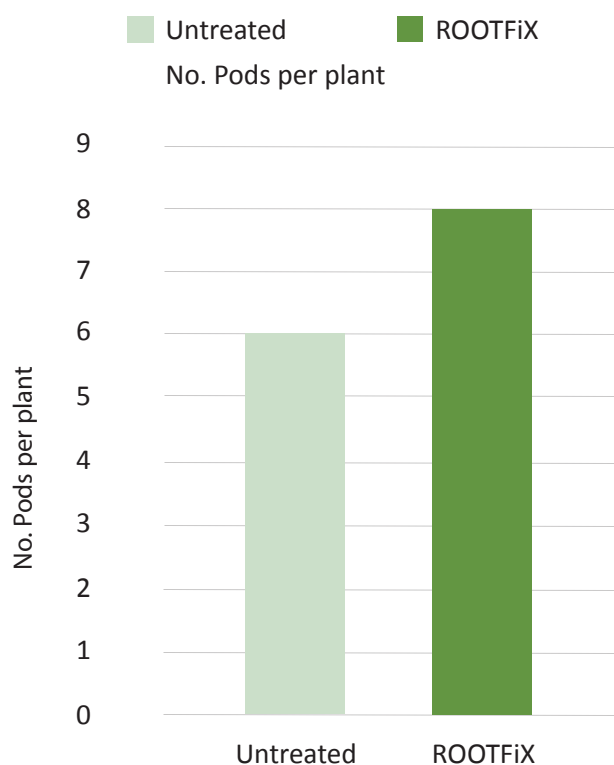
	<b>g/5 PLANTS</b>	<b>% CHANGE</b>
No treatment	25.2	0
WAKIL	25.2	0
LIQUIFiX	35.5	41
LF + ROOTFiX	37.8	50
LIQUIFiX + MYCOFiX*	59.8	137

\* Visually better nodulation

**Peas**  
United Kingdom  
2020

<b>VALUES</b>	<b>UNTREATED</b>	<b>ROOTFiX</b>	<b>DIFFERENCE</b>
Height	45.40	53.14	+17.0%
SPAD	44.47	47.95	+7.8%
Pods per plant	6.02	8.06	+33.9%
Plant density/m <sup>2</sup>	39.20	70.80	+80.6%





Average height (cm)

As a part of our ongoing Research and Development plans to field trial ROOTFiX in all major cereals, initial results from laboratory scale tests on rice show extra phosphate supply and ability to withstand drought conditions among other benefits.

## Recent results on rice in a pot trial

1. Treated and untreated seeds with ROOTFiX were sowed into a sand/vermiculite mix containing insoluble phosphate
2. Seedlings were watered with a phosphate-free nutrient solution
3. Healthy growth of the treated seedlings demonstrates the presence of phosphate solubilization in the soil due to ROOTFiX
4. Stunted growth in the control seedlings demonstrates phosphate stress as they can't access the insoluble phosphate in the soil without ROOTFiX
5. Plants were also exposed to a period of drought to catalogue the impact of ROOTFiX on plant health with limited access to water

Response to temporary  
drought conditions

TREATED

UNTREATED



Day 8

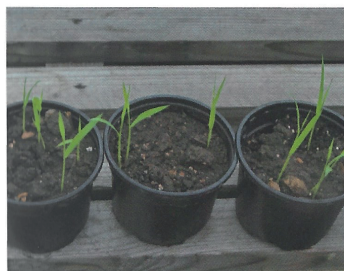
Phosphate solubilization

TREATED

UNTREATED



UNTREATED



Day 12

UNTREATED

TREATED



TREATED

