Ympact®

GROWTH NUTRITION SEED TREATMENT

Agri intelligence

Ympact Seed Treatment

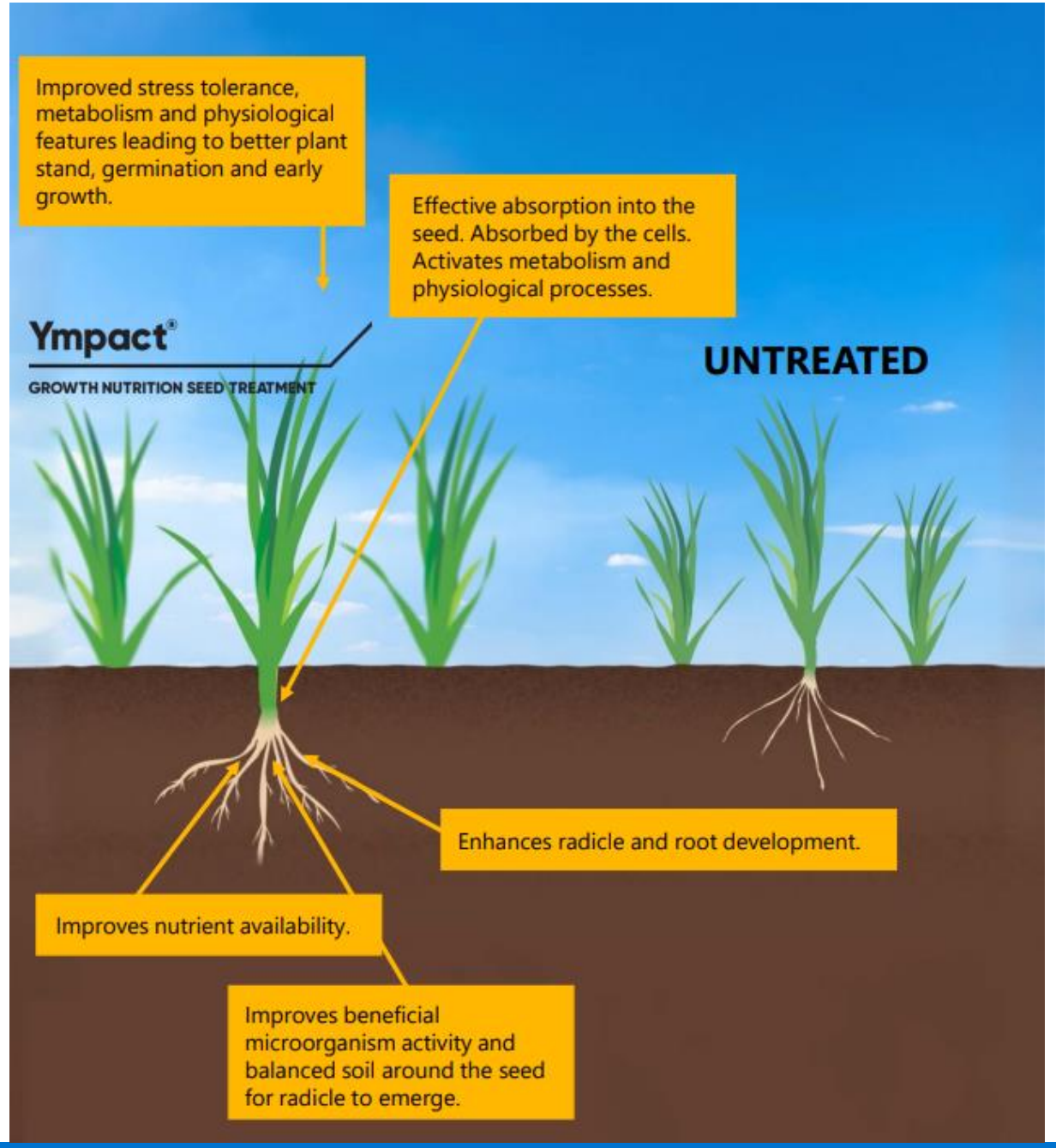
New for Autumn 2025

Agrii™

Ympact®

GROWTH NUTRITION SEED TREATMENT

- Speeds up plant emergence and early crop vigour
- More uniform plant establishment
- Increased nutrient availability
- Higher plant biomass and chlorophyl content
- Better tolerance to abiotic stress
- Improved winter hardiness



Ympact

Product Details:

- Humic and fulvic acid
- Chelated nutrients: Manganese, Zinc, Copper
- Dose rate: 0.7 litres/tonne

Technical profile:

- Soil resilience bio-stimulant
- Registered European Fertiliser under EC No 2003/2003
  - Covers nutrient content, safety, and absence of adverse effects
- In-line with Agrii's view of Humic acid benefits and Mn, Zn and Cu nutrition
- Compatible with Agrii seed treatments

UK FERTILISER

CE PFC 1(C)(II)(b) COMPOUND INORGANIC MICRONUTRIENT FERTILISER in solution

Liquid mixture of micronutrients with Copper (Cu), Manganese (Mn) and Zinc (Zn).

Micronutrients %		
Copper (Cu),	0.50% soluble in water,	0.40% chelated by EDTA
Manganese (Mn),	0.90% soluble in water,	0.70% chelated by EDTA
Zinc (Zn),	1.20% soluble in water,	1.00% chelated by EDTA

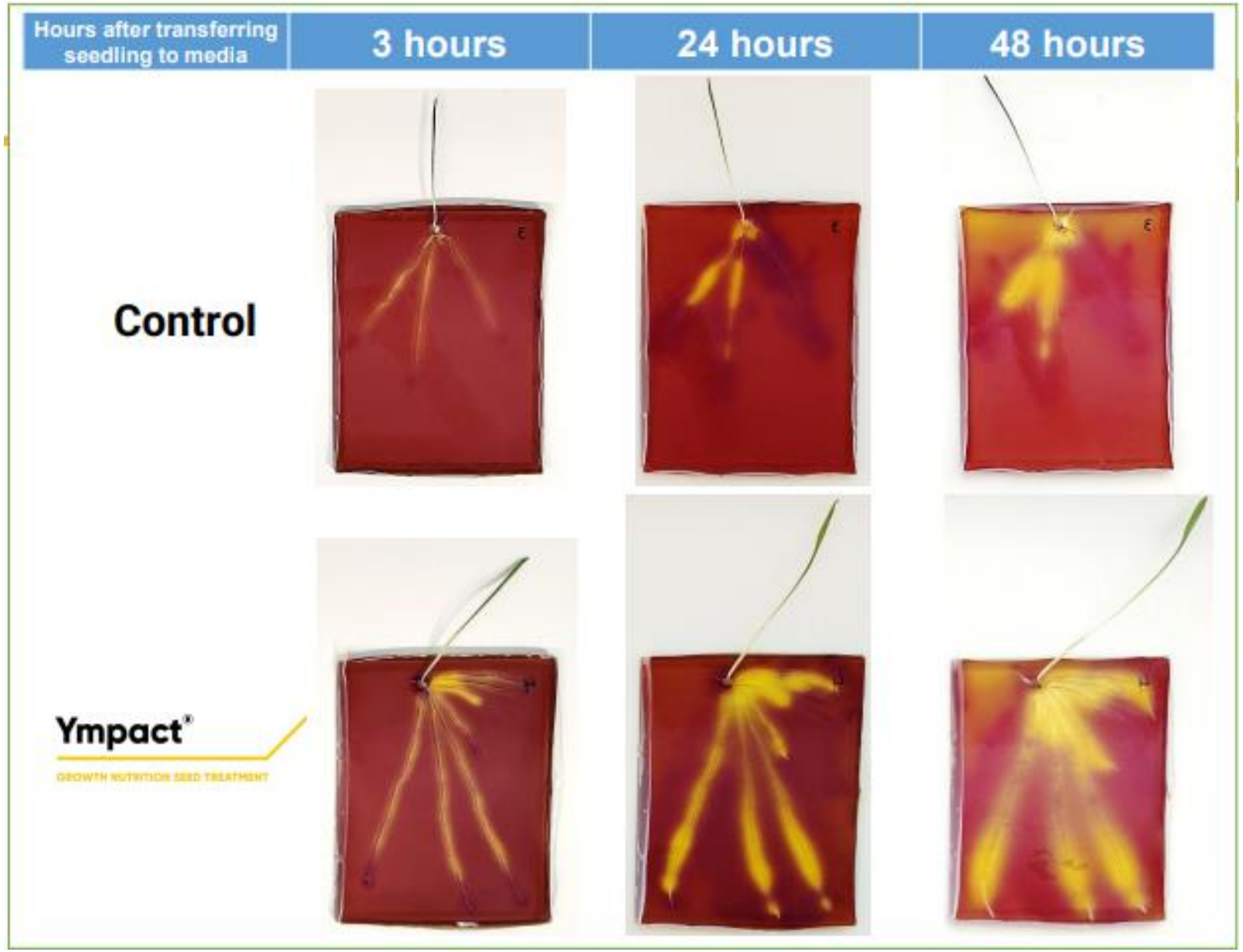
The product contains Humic acids potassium salts* (EC 271-030-1), Disodium [[N,N'-ethylenediylbis[N-(carboxylatomethyl)glycinato]](4-)-N,N',O,O',ON,ON']zincate(2-)* ($ZnNa_2$ EDTA, EC 237-865-0), Dipotassium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']manganate(2-)* (MnK_2 EDTA, EC 268-144-9), Disodium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cuprate(2-)* ($CuNa_2$ EDTA, EC 237-864-5)

* Virgin material substances and mixtures.

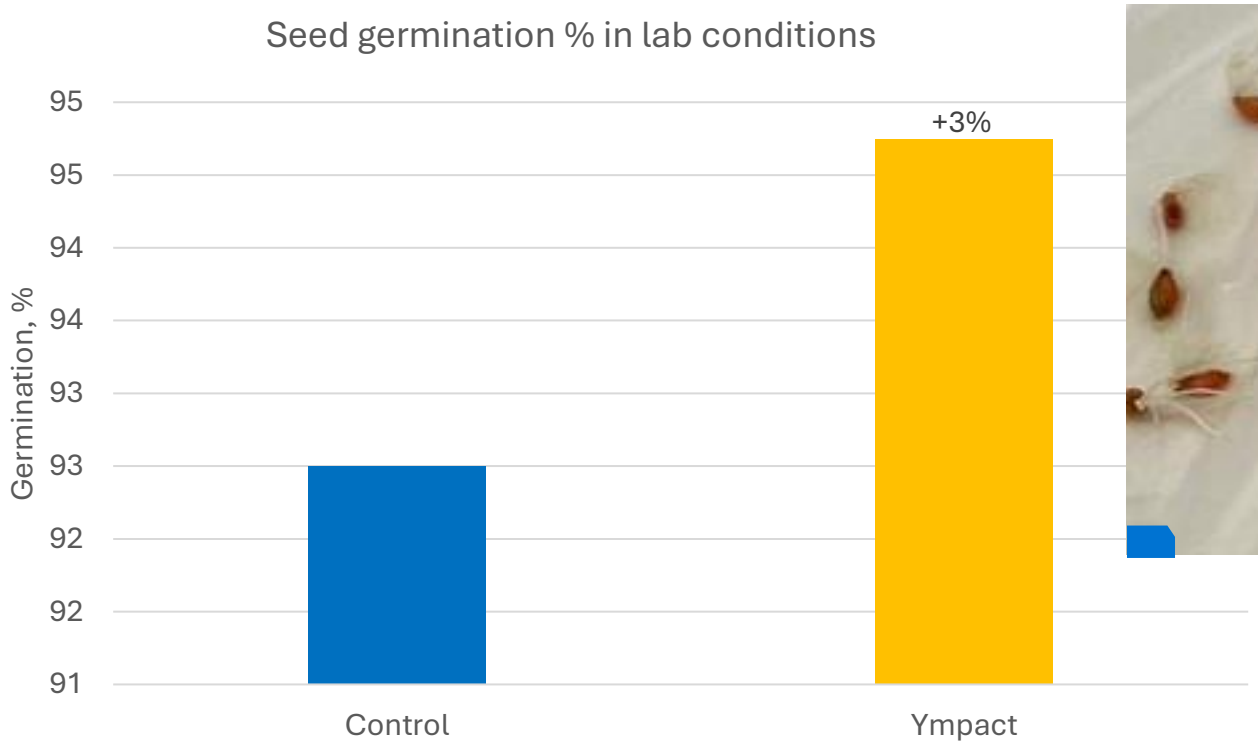
Humic Acid Benefits

- Increases cation exchange
- Causes cell wall acidification
- Low pH loosens cell walls
  - Increases root length
  - Promotes lateral and root hair formation

- Can be visualized using pH sensitive media
  - Red = pH 7
  - Orange < pH 6



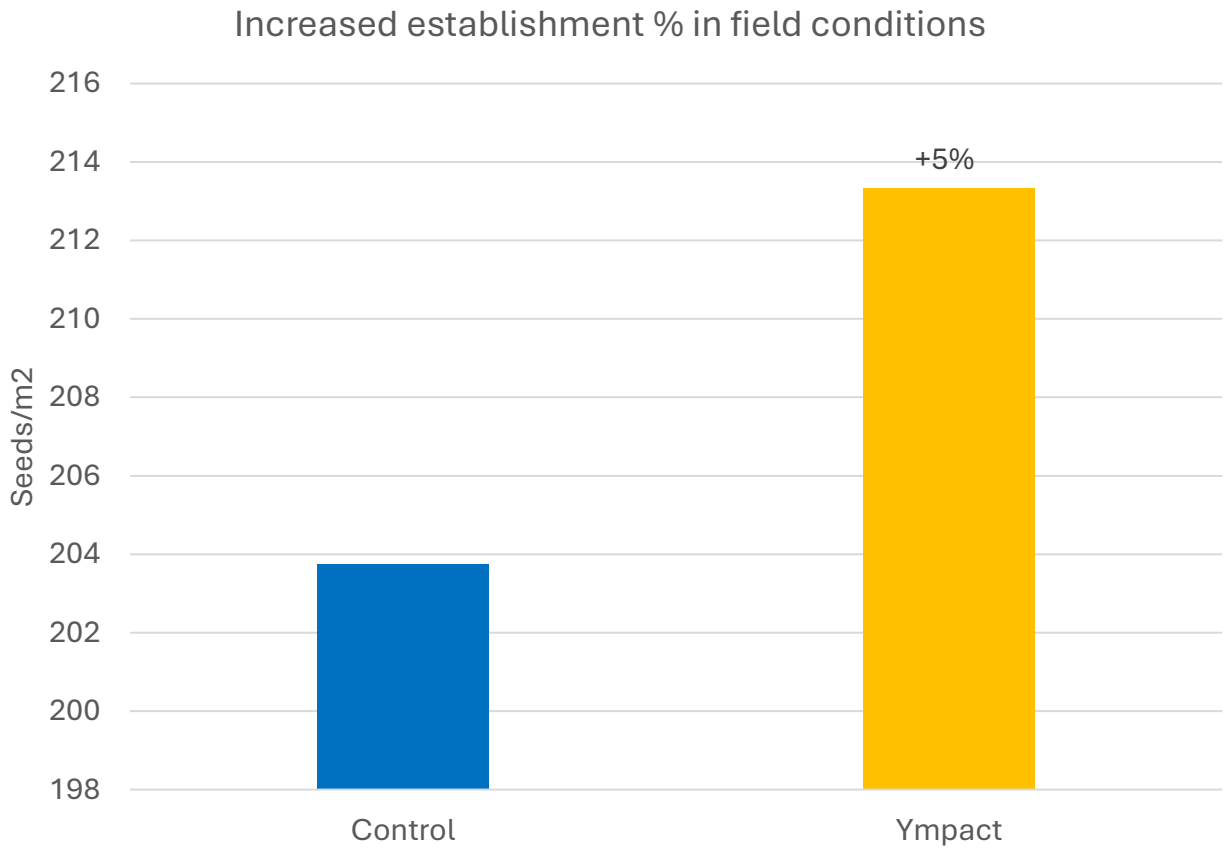
Ympact seed treatment promotes seed germination



Average of 2 tests on spring wheat, winter wheat, spring barley and winter barley, 2020

Methodology: Germination measured 14 days after planting on 200 seeds planted. 7 days at 10 °C and 7 days at room temperature 21 °C.
Control: 25 g/l difenoconazole, 25 g/l fludioxonil, 10 g/l tebuconazole.

Get crops off to the best start



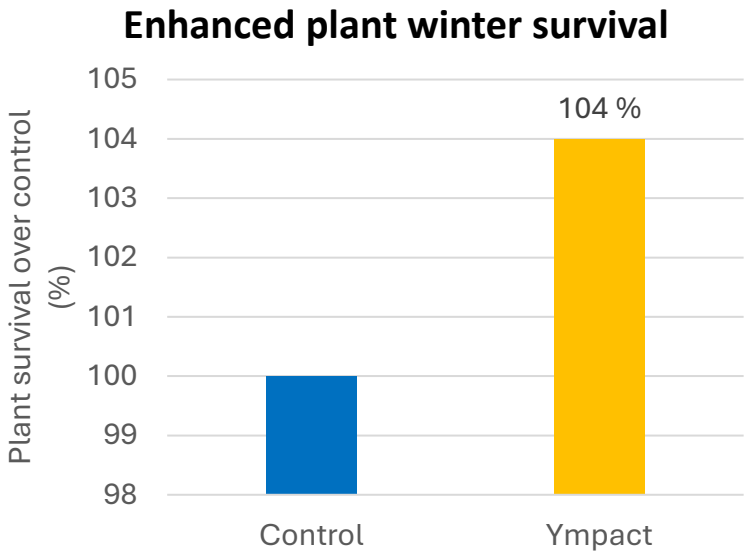
Vibrance

Vibrance + Ympact

Average of 6 locations in Europe, 2020
Average of w.wheat (2), w. barley (2) and spring barley (2) trials

Plant establishment and overwintering

Winter wheat plants in spring – more developed root system and better foliar development



Average of 4 sites, 2021
Winter wheat data

Winter wheat, Corteva Trials, 2024

March 2024

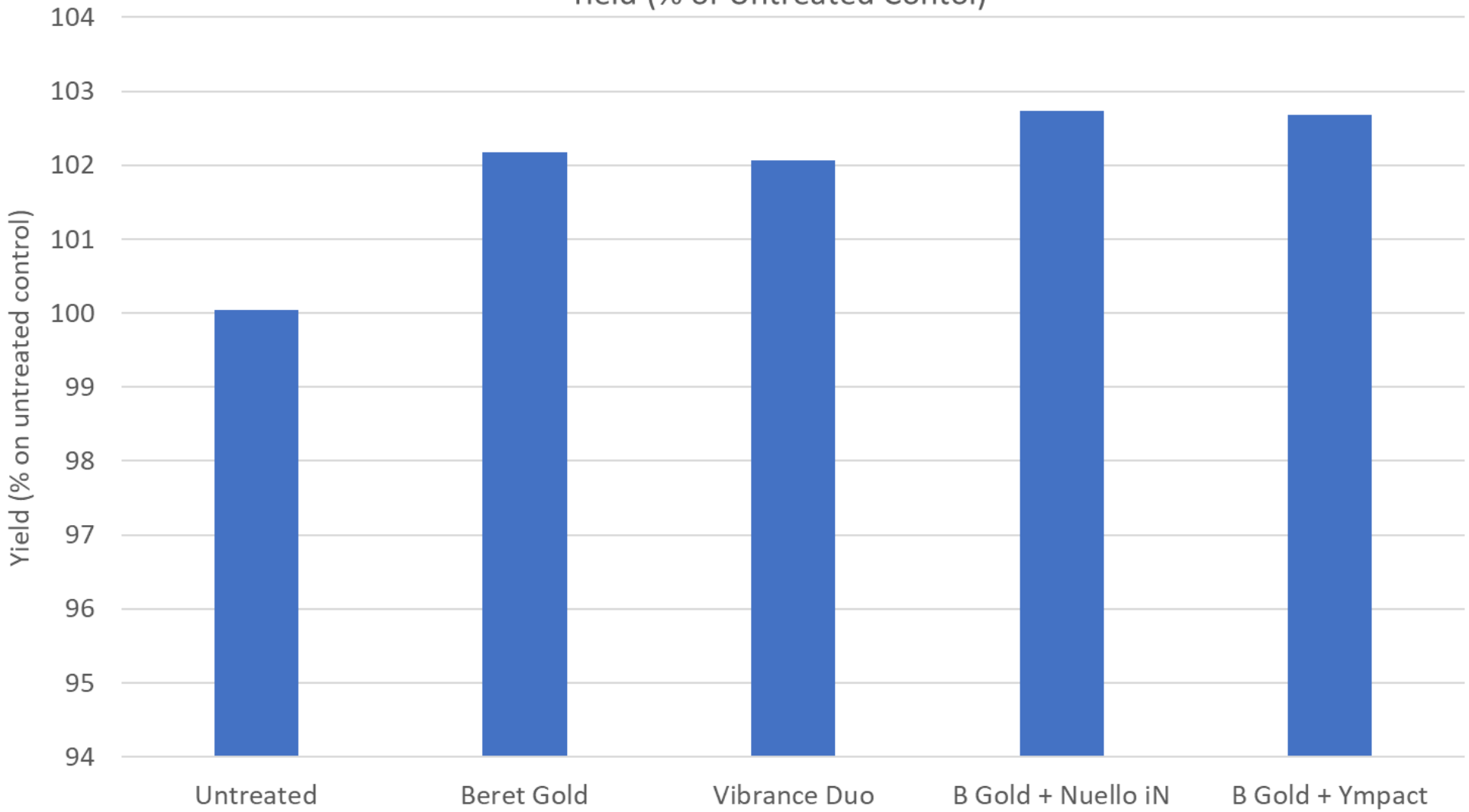
Re-cleaned only

Ympact

Beret Gold

Beret Gold + Ympact

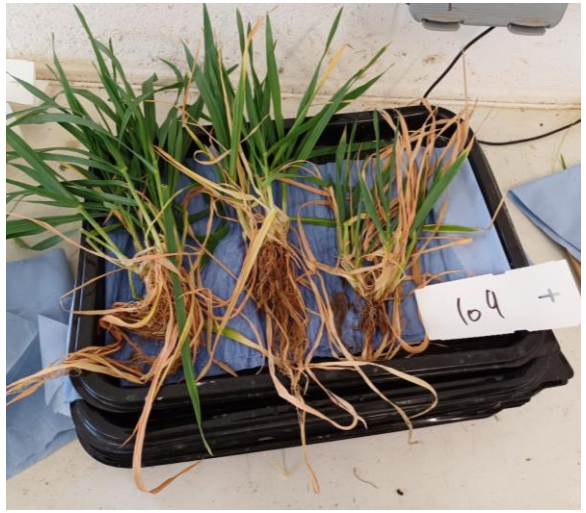
Winter Wheat Establishment Trials, 2022



Source: Mean of 5 trials (Langley, Agriifocus, South Wales, Bishop Burton and Carnoustie). Control Yield = 11.2t/ha, Variety: Ambassador with 29% Microdochium nivale

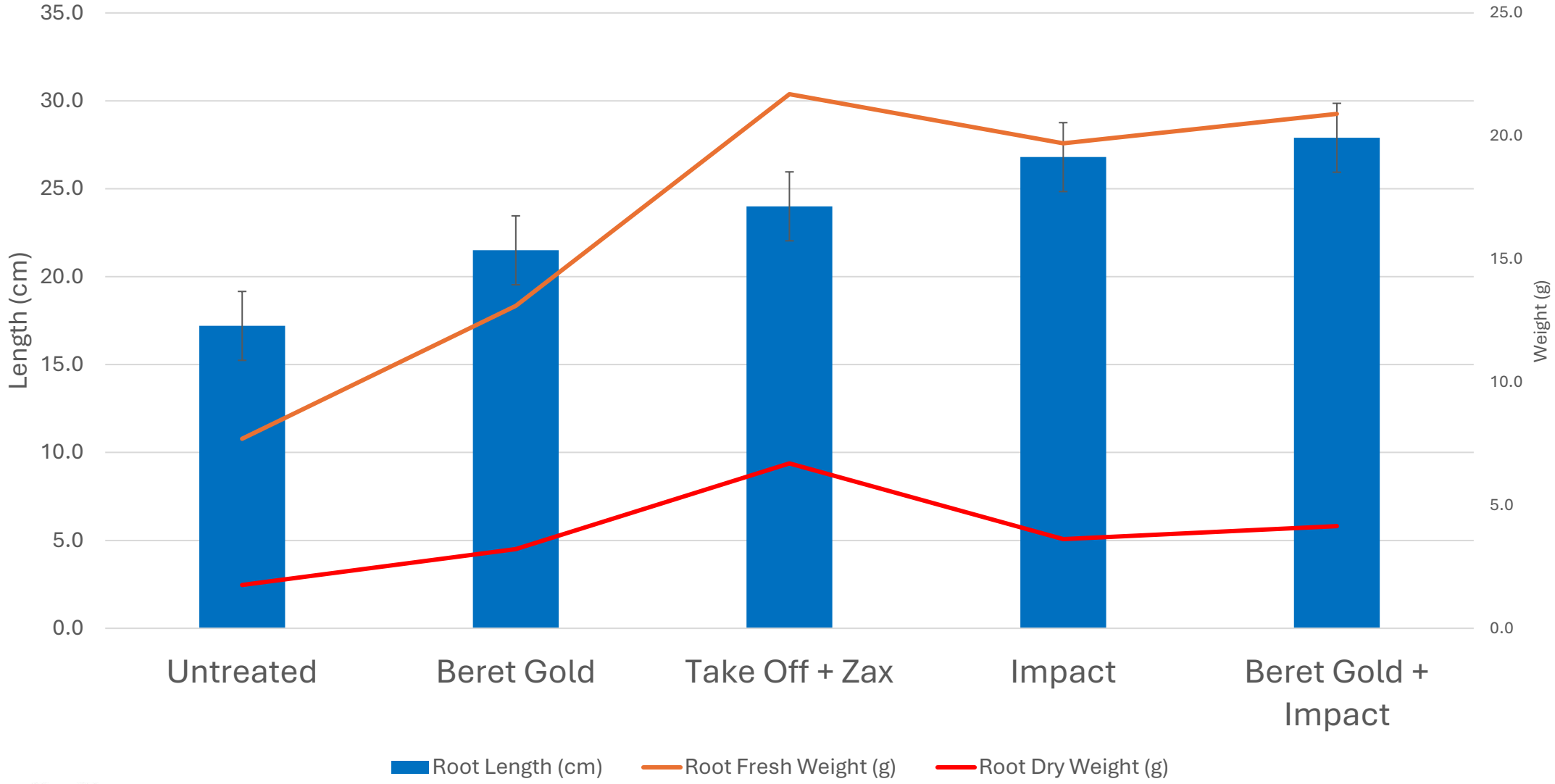
25097- Novel Seed Treatments

+ Tested at Throws
+ Root and stem measurments



Untreated	Take Off + Zax	Ympact	Ympact + Beret Gold

25097- Novel Seed Treatments



Support materials