

# YIELDON<sup>®</sup>

## MAIZE TECHNOTE



## WHAT IS YIELDON?

**YieldON** is a **biostimulant** developed to increase row, cereal and forage crop productivity by modulating the plants cell metabolism, division and expansion while improving the transport of sugars and nutrients.

	Maize Yield & Quality			
Treatment	DM%	Crude Protein (% of DM)	Metabolisable Energy (Kj, Kg/DM)	Commercial Yield (T DM/Ha)
UTC	29.4	6.7	10.5	27.5b
<b>YieldON</b>	<b>31.4</b>	<b>7.2</b>	<b>11.2</b>	<b>30.3a</b>

### Application Rate & Timing:

1 Application - 2L/ha at V6-V8 growth stage

### Trial Information:

**Location:** Tapapa, Waikato

**Cultivar:** Maize (for silage) cv. P1837

**Trial design:** Randomised complete block with 7 replicates.

**Application timing:** A = 01/12/2023

(V6, 6 with true leaves).

**Water rate:** 200L/ha

**YieldON:** 2L/ha

**Summary:** Compared to UTC, commercial yield was higher for YieldON (2.8 t DM/Ha).

### SUGAR & NUTRIENT UPTAKE

Improves the uptake and transport of sugars, and Microelements such as Zn and Fe.

### PROMOTION OF CELL DIVISION & EXPANSION

Gene upregulation from YieldON supports optimal seed production and proper seed development and maturation.

### FATTY ACIDS BIOSYNTHESIS & TRANSPORT

Vital for supporting the formation of membranes within the plant, supporting cell viability and strength.