

NETAFIM DRIP IRRIGATION RESULTS



PTI FARM – PONTIAC, IL

These results come from ongoing irrigation trials presented by **Jason Webster**, Lead Commercial Agronomist at **Precision Planting**, based on work conducted at the Precision Technology Institute (PTI) Farm in Pontiac, Illinois.

Surface vs. Subsurface Drip (2025)

In a side-by-side comparison, **subsurface drip irrigation outperformed surface drip**, producing a **7.4 bu/ac yield advantage**. The yield difference reflects the advantage of delivering water directly to the root zone.

Multi-Year Yield Performance (2019–2025)

Across seven growing seasons, Netafim drip irrigation delivered **consistent yield increases**, with annual gains ranging from **+28.8 to +105.2 bu/ac**.

On average, the system produced a **+55.7 bu/ac** yield increase, translating to an estimated **\$245.30 per acre return on investment** over the evaluated period.

Why This Matters

Rather than focusing on a single-year response, this data demonstrates the **long-term value of drip irrigation** when evaluated across multiple seasons and varying conditions. The consistency of results reinforces the importance of **water placement, control, and repeatability** in modern irrigation management.

