

Increased Sugarcane Yields with Fewer Applications

Conventional fertilizer sources need multiple split applications to provide agronomic needs of the crop. These multiple conventional applications require additional time, labor, and resources.

POLYON® fertilizer provides:

Efficiency:

A single POLYON® fertilizer blend application has maintained or increased sugarcane biomass and sucrose yield while reducing applications and total nutrients applied.

Environmental:

POLYON® meters out nutrients in the root zone to be available to the crop plant over time. Nutrients such as nitrogen and potassium may be rapidly leached on soils with low organic matter and cation exchange capacity particularly with high amounts of rainfall.

Flexibility:

Harrell's POLYON® fertilizer blends are versatile for growers and have been successfully incorporated into hybrid programs consisting of conventional and controlled release fertilizer applications.

- POLYON® fertilizer blend can be optimized to replace the later season conventional applications to carry the crop through the grand growth period.
- Hybrid programs have the potential to be more economical and further reduce total nutrient application.

Yield:

A five-ton net yield increase was achieved with a single application of a POLYON® fertilizer blend with less than 65% N and K₂O applied compared to the four-application grower standard in a ratoon cane study.

POLYON®
Controlled-Release Fertilizer

