

# HOW POLYON® FERTILIZER IS MADE (to be better).

The key to POLYON® fertilizer is its patented reactive layer coating (RLC) technology. Unlike other coated products, POLYON® fertilizer forms a bond with the urea substrate during the coating process that ensures consistency and durability in every particle. POLYON® fertilizer will not crack or lead to premature release of nutrients into the environment.

## STEP 1:

Fertilizer substrates (granules) are carefully selected. These make up the package of nutrients that will be fed over time to your crops.

## STEP 2:

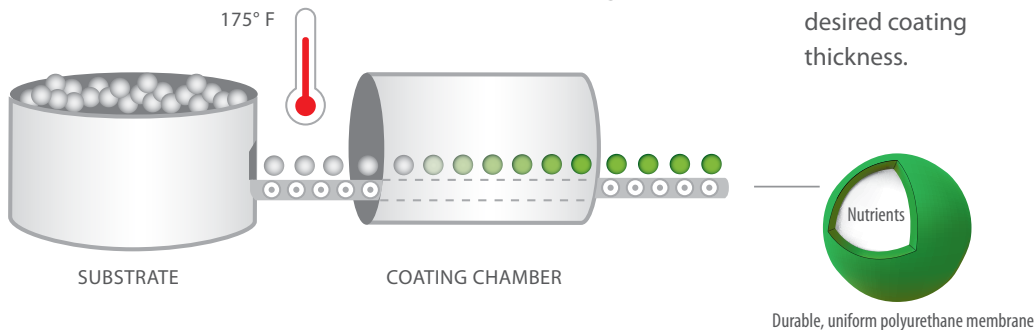
Only round, smooth, hard, uniformly sized and dust-free granules are selected for optimum coatability.

## STEP 3:

Thorough inspection of each substrate batch. Granules then pass through a fluid bed heater and are heated to 175° Fahrenheit before coating.

## STEP 4:

Heated fertilizer then enters the coating chamber, where monomer coatings and POLYON® green pigment are applied. The number of layers are based on final desired coating thickness.



## Custom-blends available.

### Because off the shelf is never on the mark.

Harrell's offers custom-blended fertility solutions that deliver the ideal release rates and nutrients to address your unique needs. We're able to do this because we maintain the largest inventory of homogenous substrates and professional blending components in the industry. Using our proprietary software programs, your Harrell's sales representative can help you dial in just the right prescription for your need – one that's 100% guaranteed or your money back.

## POLYON® fertilizer. Feeding Your Success.

Industry-proven, grower trusted. Supported by relationship-driven sales and technology professionals 100% committed to helping you achieve the best possible results.

Contact your Harrell's sales representative today.



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## POLYON® BENEFITS AT A GLANCE:

- **Reduced environmental impact** – an environmentally friendly source of nutrients.
- **Efficient** – consistent, predictable, dependable feeding.
- **Reduced labor** – fewer applications minimize labor input.
- **Increased yield and quality** – for enhanced marketability.
- **Reduced disease potential** – due to a more uniform and consistent plant nutrition delivery process.
- **Not affected by moisture** – patented reactive layer coating (RLC) meters out nutrients via temperature-activated diffusion.

POWERED BY  
**POLYON®**  
Controlled-Release Fertilizer



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