

BETTER PRACTICES. BIGGER PERFORMANCE.

Follow these best practices to apply Pivot Bio PROVEN® G3 correctly, optimize nitrogen replacement and maintain consistent results throughout the season.

01 Follow Stewardship

✓ **PROTECT MICROBE VIABILITY**

Store cool and dry (<70°F, <60% RH), avoid sunlight and minimize time to planting.

Apply and plant as quickly as possible.

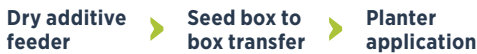
LIF (liquid in-furrow) Best Practices: Apply LIF products alone, with non-chlorinated water or via direct injection (Dosatron, etc.). Otherwise, starter fertilizer compatibility should be tested annually. If uncertain about the water, use a chlorine remediation product. After opening, apply in-furrow within 24 hours.

✓ **USE APPROVED APPLICATION METHODS**

OS (on-seed) Best Practices: Use approved Pivot Bio seed-treating partners.

Dry Best Practices: Follow best management practices for bucket mixing. Once product is mixed, it must be used in 5 days. After product is applied to seed, you have 3 days to plant.

Easy ways to apply G3 to seed:



03 Ensure Balanced Fertility

Make sure potassium (K) and sulfur (S) keep pace with nitrogen — especially as efficiency improves.

- Potassium (K) (-1:1 with N)
- Sulfur (S) (-10:1 with N)

Make sure that N replacements do not inadvertently reduce other key nutrients.

02 Tailored Nitrogen Replacement

✓ **USE AS A FOUNDATION TO N PLAN**

Use Pivot Bio to replace preplant or less efficient nitrogen, not in-season N.

Understand N sources, application amounts and timing, along with weather and soil effects.

Spoon-Fed Ammonium: Pivot Bio products spoon-feed directly to roots during vegetative stages.

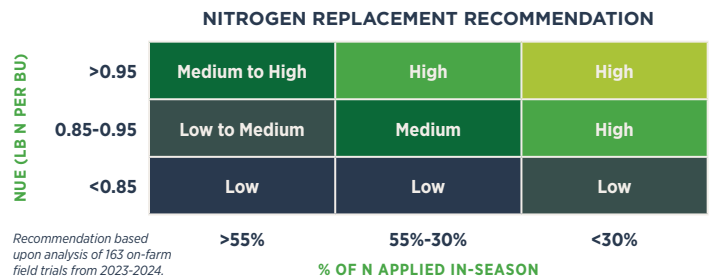
✓ **CUSTOMIZE TO YOUR OPERATION**

N substitution strategies should be personalized to each grower's N program.

Maintain **in-season nitrogen applications** to meet peak crop demand.

Monitor crop performance during **rapid growth and grain fill.**

Use Nitrogen Use Efficiency (NUE) and application timing to guide your replacement rates. See graph below.



04 Evaluate N Programs

✓ **COMPARE TO YOUR STANDARD N PROGRAM**

Always benchmark against full-rate nitrogen, not just reduced N.

✓ **EXPECT YIELD PARITY**

Success = yields within ~1% of your standard N program at reduced N rates.

✓ **RUN SIDE-BY-SIDE TRIALS**

Same field, multiple replications, treated vs. non-treated comparisons.

✓ **USE EXPERT SUPPORT**

Work with Pivot Bio agronomists to design and evaluate trials.