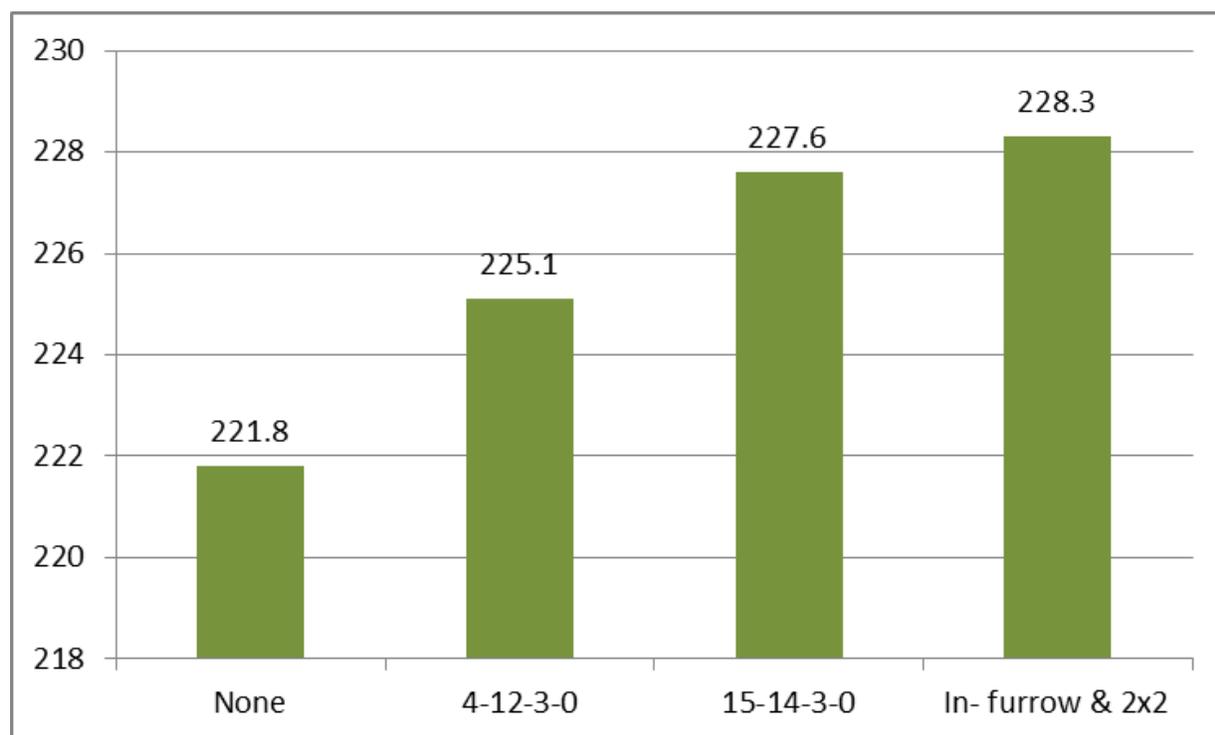


Agronomy Strip Trials

The purpose of the agronomy strip trials was to compare Earlybird's recommended fertility practices with the industry standard. For the liquid vs. dry fertilizer, we kept the plot consistent with the fertility practice for ten years.

| Fertility Plots | 10 Year Average |
|---|------------------------|
| Dry/Anhydrous Program 230-111-132 | 212.6 |
| Earlybird Liquid Program 193-91-100-26 | 227.2 |

Starter Fertilizer Trials



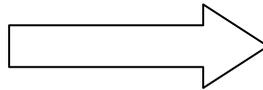
Banded Liquid Fertilizer Verses Broadcast Dry Fertilizer

Earlybird has ten years of data from our test plot to compare yield and profitability of banded liquid fertilizer verses broadcast dry fertilizer and anhydrous ammonia. The following are results from 2003 thru 2012.

On a 10 year average, banding liquid fertilizer on a corn rotation field increased yield by **14.6 bushels per acre** and **1.2 bushels per acre** for soybeans.

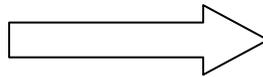
Liquid Fertilizer Surface Banded Fall Applied

28% Broadcast in the spring with chemical
Starter fertilizer 2x2
Sidedress 28%
225-113-156-35-1Zn



227.2 bushels per acre
21.3% moisture

Dry Fertilizer Broadcast
Anhydrous Ammonia, fall applied
230-111-132



212.6 bushels per acre
21.6% moisture

Liquid Program Profit Advantage = \$54.83*

Gross profit calculated using \$6.00/bushel corn minus \$.04/bushel drying cost and fertilizer costs.

Surface banding liquid fertilizer is a practice that Earlybird has promoted for many years. This effort is based on personal experience and research that has proven banded liquid nutrients are more efficient and more profitable.

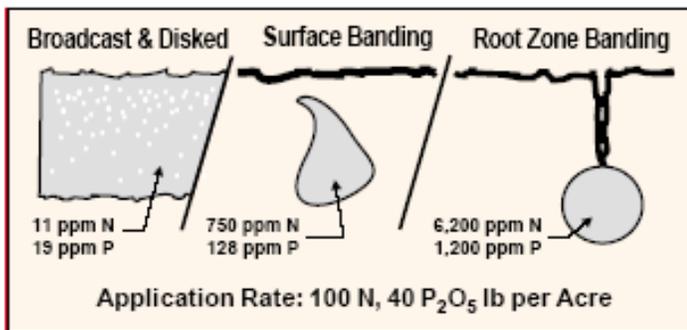


Figure 1. Soil nutrient concentrations comparing broadcasting, surface banding, and subsurface banding.

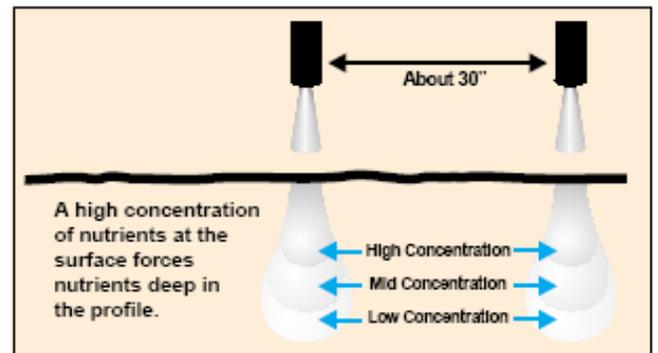


Figure 7. Movement of nutrients into soil when surface banding.

Surface banding provides:

- ✓ Better soil contact
- ✓ Higher nutrition concentration
- ✓ Diminished nutrient fixation
- ✓ Greater availability

Benefits of Banding:

- ✓ Higher corn and soybean yields
- ✓ Better return on your investment

