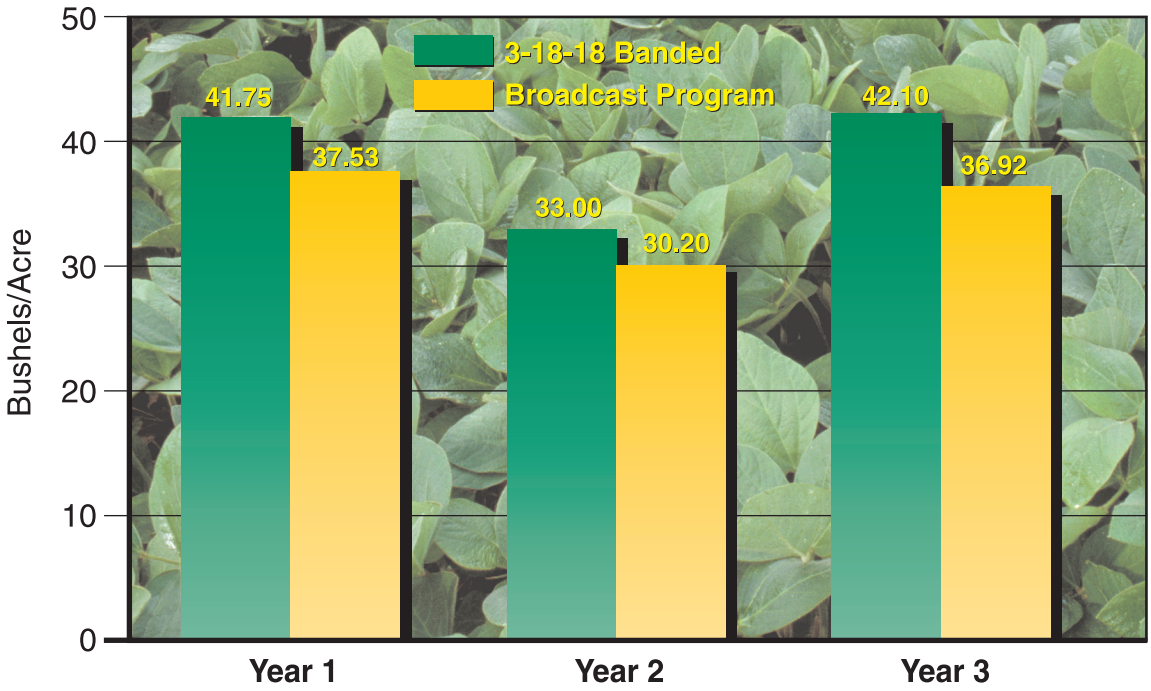
PureGrade™ Liquid Plant Food — Manufactured only by Nutra-Flo® Company

PureGrade Liquid Plant Food

Row-Placed 3-18-18 Beats Broadcast

Three Years in a Row on Soybeans[1]

The increased efficiency of seed-row banding 3-18-18 liquid starter fertilizer compared to a standard broadcast fertility program was shown to be very effective in consistently increasing the yield of soybeans. The row-banded, liquid 3-18-18 yielded 4.1 bushels/acre more when averaged over 3 years.



Soybean Yield data for 3-18-18[2]:

Year 1 .....41.75 bu/a.....+4.22 bu/a over the broadcast program
Year 2 .....33.00 bu/a.....+2.80 bu/a over the broadcast program
Year 3 .....42.10 bu/a.....+5.18 bu/a over the broadcast program

Materials & Procedures:

Fertilizer:	3 gal/ac liquid, low-salt 3-18-18 row-banded vs. 20-20-35 as a dry broadcast. Each program was applied annually.
Soil:	Marshall silt loam, pH=6.3. Other soil test data not recorded.
Drill:	Best no-till drill, row spacing was 8 inches.
Rotation:	Continuous soybeans.
Variety:	Union. Seeding rate was 60 pounds/acre.
Replications:	4 in each of the three years.

Statistical conclusion:

The yield increase for the row-banded 3-18-18 was statistically significant at the .05 level of significance. The L.S.D was 2.9667.

Note: Row banding a starter fertilizer is considered a part of a well-balanced fertility program. Follow soil test recommendations.

[1]Johnson, Glenn. Fertilizer Placement—Soybeans, Missouri Western State College, St. Joseph, MO. 1985.
[2]The 3-18-18 used in this study was a low-salt, neutral pH, non-corrosive starter fertilizer comparable to Nutra-Flo's GoldStart 3-18-18.

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