



2010 AgroVantage Technical Bulletin

Placement of Feast Starter Fertilizer for Oil Seed Crops

Revised AgroVantage Soybean and oil seed crop (sunflower, cotton, etc.) recommendations:

To maximize the efficiency and effectiveness of Conklin's AgroVantage starter fertilizers on Soybean and oil seed crops, recommendations are being revised. The changes will be incorporated into the automated system as soon as possible; but for now the end user must interpret the recommendations using the guidelines below.

The three primary revisions are: First maximum/standard starter fertilizer rates are now 2 gallons per acre. Second and closely related to item one, if the starter recommendation exceeds 2 GPA the excess fertilizer requirement should be applied foliar. Third placement method for starter fertilizer will be based upon each soils OM and CEC readings

Instructions for interpreting new recommendations:

Standard Starter Rate Recommendation

The standard starter recommendation is 2 gallons of Feast NPK fertilizer. If the AgroVantage System recommendation calls for more than 2 gallons of starter fertilizer, the additional fertilizer should be applied foliar at V4-V5 growth stage. The recommended Side-Kick (0-0-25-17S) and micro-nutrients rates should be divided in two; half applied with the starter application and half applied foliar at the V4-V5 stage of growth.

Starter Fertilizer Placement

There are two placement methods recommended for starter fertilizer on soybeans and oil seed crops; splitter and 2x2. Splitter means placing the fertilizer material in the seed furrow without direct seed contact. Keaton and Schaffert are two commonly available equipment brands that offer this type of technology. 2x2 means 2 inches to the side of the furrow and 2 inches below the soil surface. Soil organic matter (OM) and cation exchange capacity (CEC) values determine the recommended placement method. For soils with OM less than 0.45 and/or CEC less than 4, fertilizer must be placed beside the row such as 2X2. These soils are typically light, sandy soils. AgroVantage System recommendations for soils having these characteristics will be made by Conklin Ag Marketing on a case by case basis; please contact Conklin AgroVantage System Marketing for recommendations.

Please note these new OM and CEC requirements when making fertilizer recommendations. When soil reports indicate low OM and/or CEC, the recommendation will include the following statement "Contact your Conklin IBO for recommendations".

Please see the Oil Seed Crop Row Placement Guidelines Chart for detailed information on in-row with splitter and 2X2 applications.