The Crop Plan for the Program *Based on WinField United data, these are the details that make up the Advanced Acre™ Rx prescription program plan for* ***Selmer, TN*** *location. The details of this plan are subject to in-season adjustments based on weather conditions and other unforeseen events.*

The soybean variety chosen for this field is CROPLAN® CP4520XS.

- Seed
  - *Planting rate 140K per acre*
    - *Seed selection based on data from the R7® Tool and CHT tool*
  - *CP4520 was selected to be placed here by using the R7 tool and CHT tool. Key factor in choosing CP4520 is that is a WinPak®. The two soybeans that make this WinPak CP4516 and CP4619. A WinPak is a great tool to get the benefit of both soybeans in one bag. This helps overcome some of the challenges of variation in soil type in this geography.*
  - *(soybeans Warden® CX treatment)*

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- Crop Protection
    - Guidelines for multiple passes and modes of action
    - The right adjuvant pairing for the best efficacy
    - Fungicides
    - Micronutrients
    - Plant Growth Regulators Ascend
- Ag Technology
    - Tools used to monitor the in-season progress and make adjustments when necessary
    - R7 Field Monitoring Tool
    - R7 Field Forecasting Tool
    - NutriSolutions® tissue testing
- Nutrition Plan
    - This plan is based on soil test, field history, hybrid selection and preferred guidelines.
    - Macronutrient applications Dap, potash and 28%
    - Micronutrient applications LS crop mix 2

Pre-Herbicide Application Details

- Moisture after application: adequate
- 5-15-2020 RoundUp, Dicamba (*not sure on rates, this was applied as burndown by grower*)
- 6-2-2020 Preplant: Class Act@ 1.25%, Zidua@ 2.75oz/A, Cornerstone 5@ 22oz/A, Liberty@ 29oz/A, MasterLock@ 6oz/A
- 6-16-2020- Pre-Emerge: Class Act@ 1.25%, Zidua@ 2.75oz/A, Cornerstone 5@ 22oz/A, InterLock@ 4oz

Planting

- June 16th this was a late planting date. The rain kept pushing us out of the field.
- 140K
- 76 degrees
- Provide Soil moisture
    - adequate
- Planting depth is 1in.
- Warden CX seed treatment
- The planting date was much later than expected

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Stand Count

- July 6th the stand count was 133K
- 95% of planted stand

Early Post Application

July 6, 2020.

- Post at V3: Class Act @ 2.5%, Prefix @ 1.6pt/A, Glystar Plus@ 1qt/A, InterLock @ 4oz/A
- Weather conditions
    - Temp 90. SW wind 5mph
- Current weed pressure is low

Tissue samples were pulled today 7/14/20.

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