No-till Planting: Equipment, Adjustment, and Operation

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Planter provided by Case-IH

Basic Functions of Planting Equipment
1. Meter the seed
2. Cut/handle the residue
3. Penetrate the soil to desired seeding depth
4. Establish seed-soil contact
5. Close the seed-vee
6-?. Apply fertilizer, insecticide, herbicide, fungicide, etc.

Yield loss because of spacing variability
4 bu/A per inch of SD over 2 inches StdDev

Yield loss because of nonuniform emergence
1-2 leaves behind 50%
3 or more leaves 100%

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