

No-Till Drills And Air-Seeders.

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Needham Ag Technologies LLC.

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Well Sown = Half Grown

Seeding System Goals

- Consistent Seeding Depth
- Consistent Emergence
- Seed Distribution Within The Row
- Row Spacing
- Draft Requirements
- Purchase Price
- The Impact Speed Has On Seeding Performance
- Reliability/Durability over time
- Ability To Place Nutrients
- Ability To Cut Through Heavy Residue (Not Hairpin)

OVERSIZE









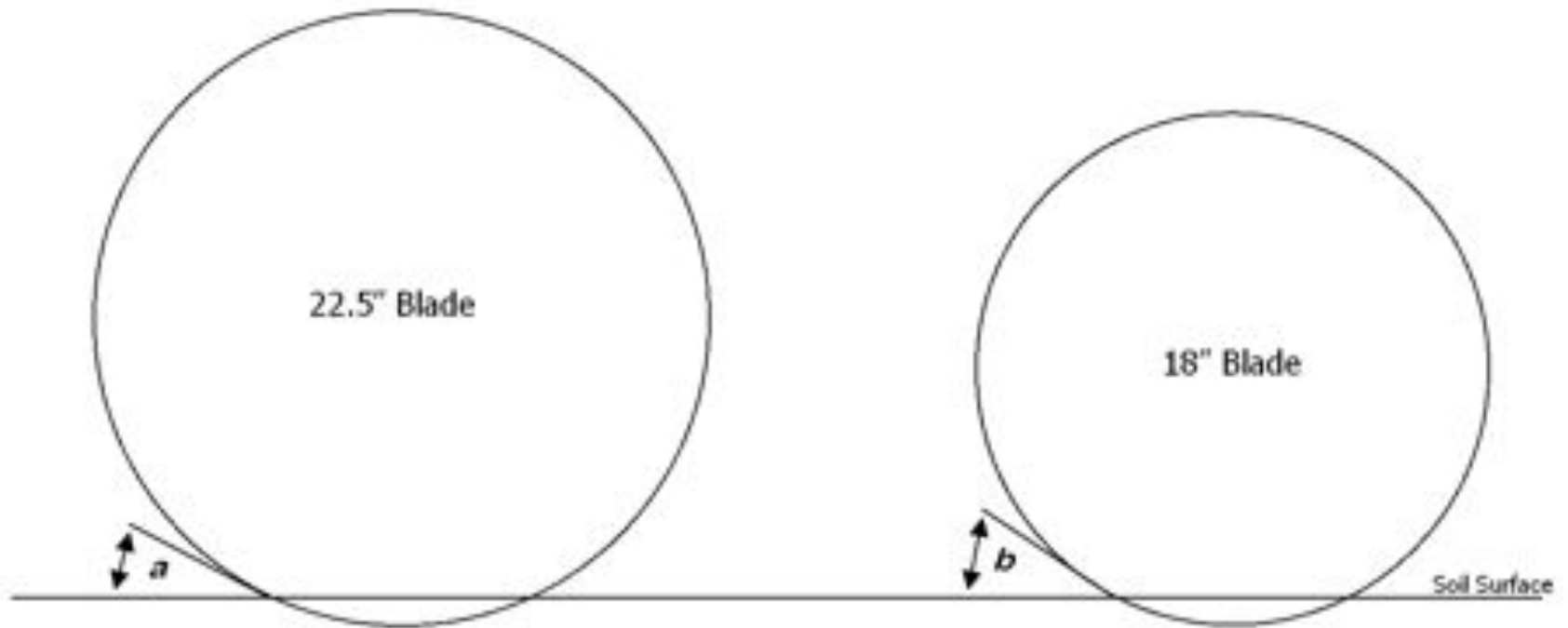






Disc Characteristics

Disc Diameter ?







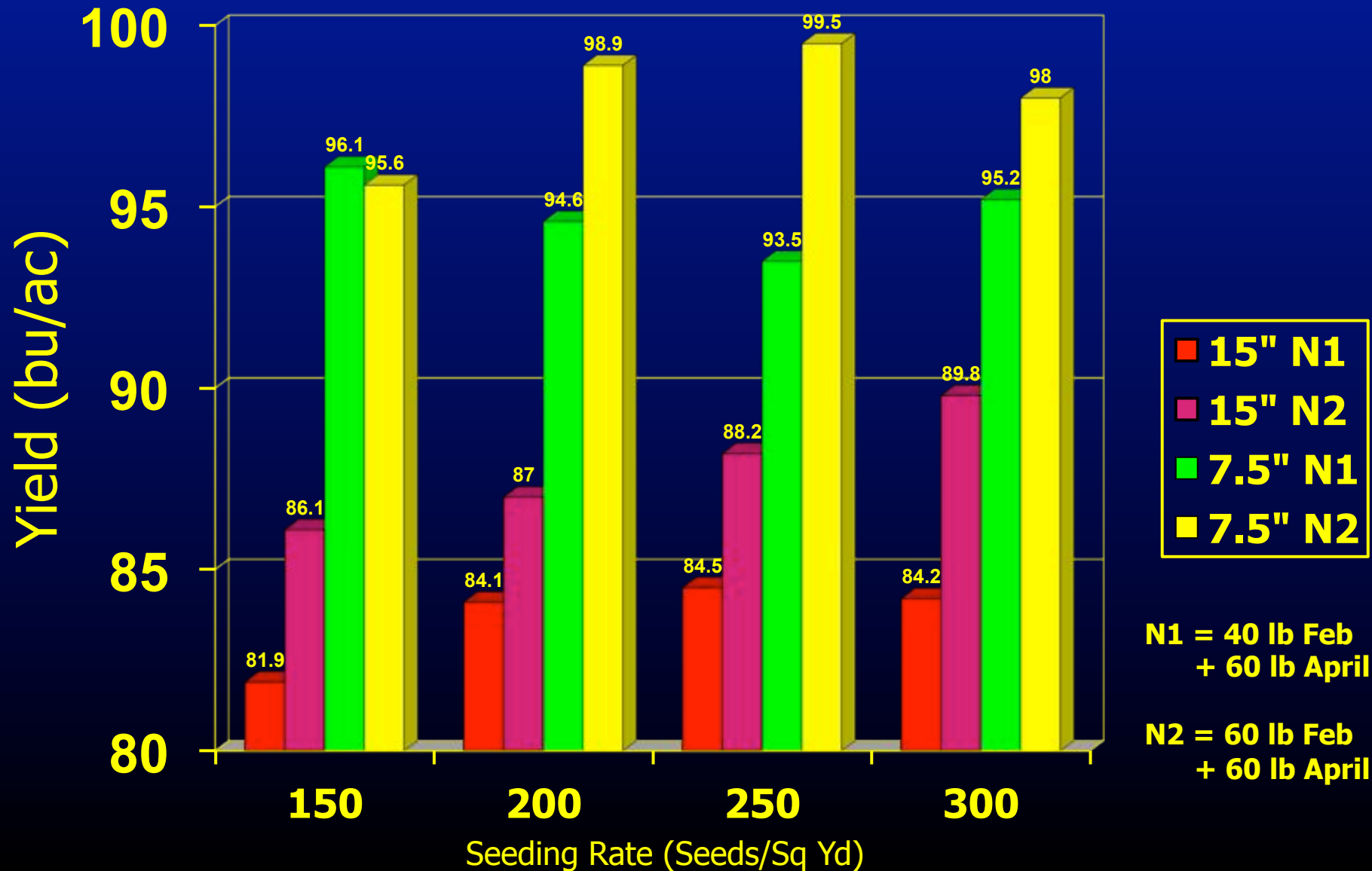




Row Spacing

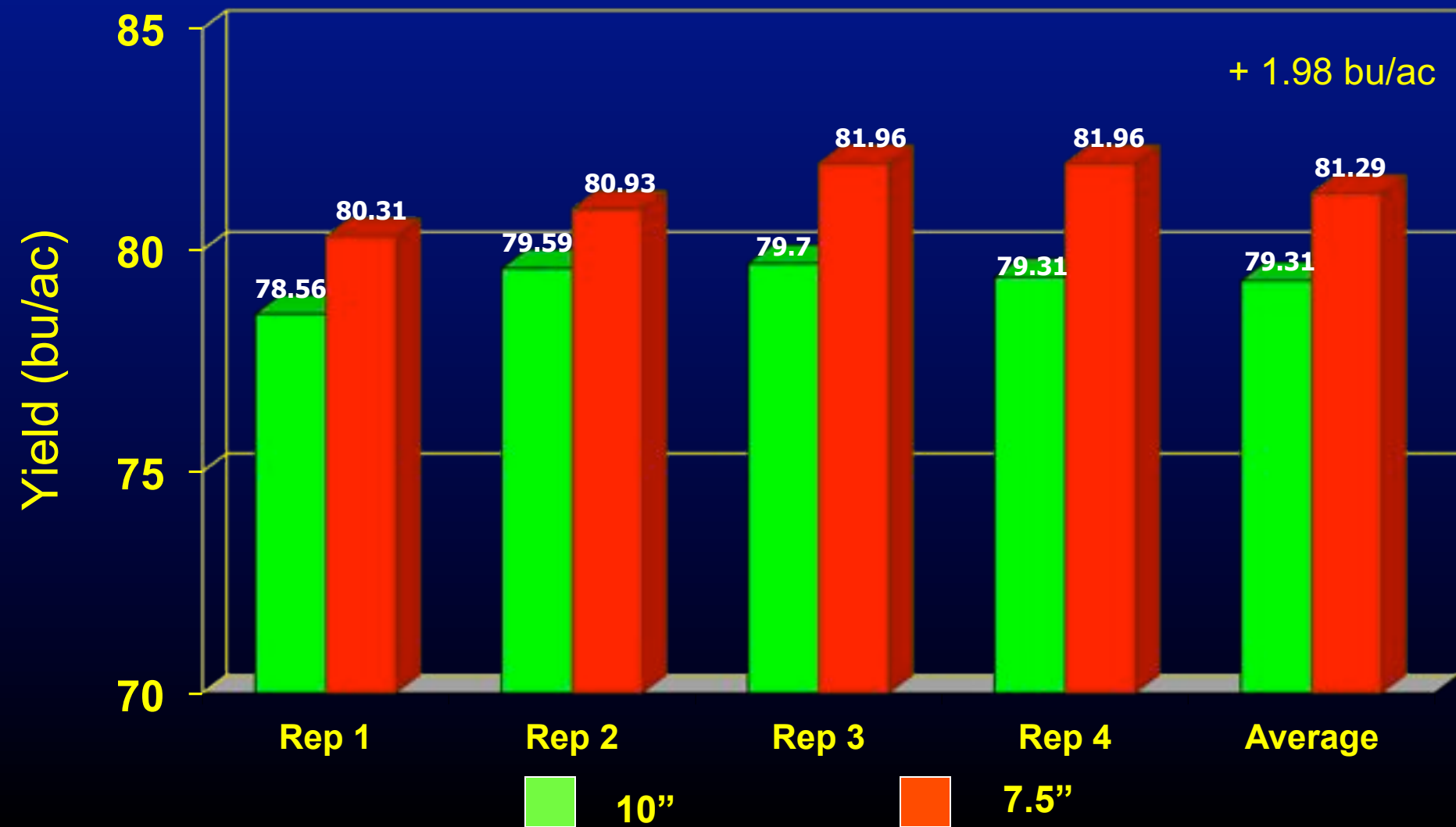
The Influence of Seeding Rate On Wheat Yield, Across 2 Different Row Spacings, And 2 Different N Rates

Source: Miles Opti-Crop Research, Schochoh, KY, 2010



Needham Ag Technologies & Great Plains: Row Spacing Study. Jewell, KS

Yields From Harvest 2010 - Fungicide Treated Plots



Fertilizer Placement











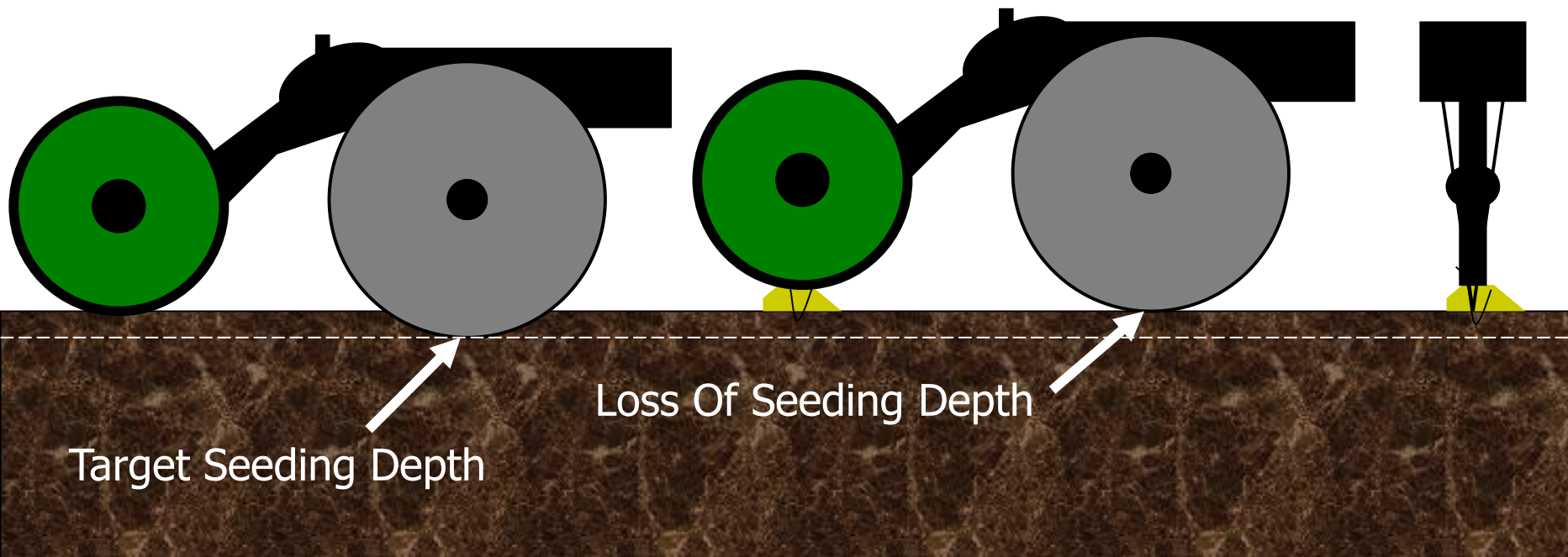




Double Disc Drills

Side View

Rear View



Target Seeding Depth

Loss Of Seeding Depth





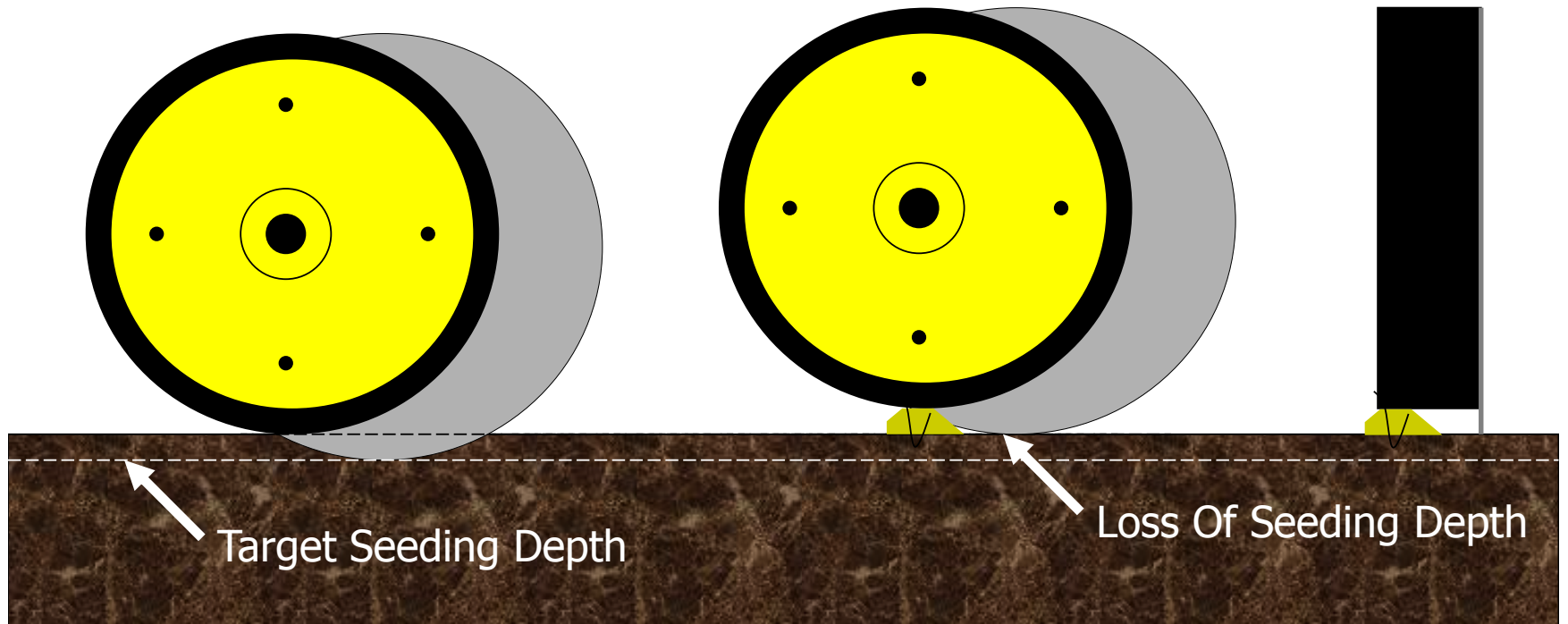




Single Disc Drills

Side View

Rear View





Other Seeding Equipment

Cross Slot



Bourgault 3710





Amity Twin-Disc



Thank You !!

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