Row Spacing and Population Effects

- Narrow rows lead to quicker canopy closure.
  - Plants are able to maximize light interception and generate more energy.
  - This creates an environment capable of producing higher yields.
- Increasing populations result in higher yields up to 200,000 plants/acre.
  - Higher plant populations and higher yields are not always more profitable.

2012 Population X Row Spacing Trial

Treatments

1 – 100,000 seeds/acre at 30 in row spacing
2 – 100,000 seeds/acre at 15 in row spacing
3 – 150,000 seeds/acre at 30 in row spacing
4 – 150,000 seeds/acre at 15 in row spacing
5 – 200,000 seeds/acre at 30 in row spacing
6 – 200,000 seeds/acre at 15 in row spacing

2012 Population X Relative Maturity Trial

Treatments

1 – 100,000 seeds/acre with a 2.4 RM soybean
2 – 100,000 seeds/acre with a 2.9 RM soybean
3 – 100,000 seeds/acre with a 3.4 RM soybean
4 – 150,000 seeds/acre with a 2.4 RM soybean
5 – 150,000 seeds/acre with a 2.9 RM soybean
6 – 150,000 seeds/acre with a 3.4 RM soybean
7 – 200,000 seeds/acre with a 2.4 RM soybean
8 – 200,000 seeds/acre with a 2.9 RM soybean
9 – 200,000 seeds/acre with a 3.4 RM soybean

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