

# Access PDF Effect Of Row Spacing On Growth And Yield Of Sesame

## Effect Of Row Spacing On Growth And Yield Of Sesame

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~~Effect of faba bean and chickpea row spacing on common  
sowthistle Soybean Row Spacing and Population #975 (Air  
Date 12-11-16) Solar Inter Row Spacing Corn Population  
/u0026 Row Spacing Alternate row spacing on corn used to  
incorporate cover crops and to increase profits. Soybean  
Row Spacing - Greg Kruger - August 30, 2013 ~~Soybean  
School West: All About Row Spacing Row Spacing and  
Seeding Rate How narrow should corn rows go? Soybean  
Stature by Row Spacing Row Spacing as a Weed  
Management Tool Planting Corn in 60-in. Row-Widths for  
Interseeding Cover Crops - Farmer-Led Research Stacking  
Cordwood The Proper Way!!! Twin Row Maize ~~Corn School  
Planting Depth Lessons~~~~~~

Corn: Fertilizing (Side Dressing)Interseeding Cover Crops  
into Corn with Producer Rob Olson and Daughters 2019

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Apple MacBook Pro 15" Possible Recall - Spacebar on Keyboard Stuck! Cover Crops Following Winter Wheat or Corn Silage Harvest 60" wide twin row corn interseeded with nitrogen fixing cover crops! Soybean School: Lower populations pack yield potential

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How to Fix the Double Keystroke Problem on Macbook Pro 2016 Plant Spacing - Demystified Plant Population /u0026 Row Spacing #664 (Air Date 12/26/10) HOW TO GROW SPINACH No Content Book Journal Interiors for KDP Print Photoshop Tutorial: How to Make a Comic Book, Pop Art, Cartoon from a Photo Gimp: How to Make a Retro Comic Book Text Effect Soybean School: What 's Old Is New Again in Row Spacing ~~MacBook Keyboard FIXED in ONE CLICK / Daily Vlog 019~~ Effect Of Row Spacing On

Soybean planted in 38 cm row spacing yielded 248 kg ha<sup>-1</sup> greater than soybean planted in 76 cm rows after adjustment for differences in final plant populations. Maximum yield at all locations was attained at a final harvest population of 462,200 plants ha<sup>-1</sup> but >95% of the maximum yield was achieved with final populations as low as 258 600 plants ha<sup>-1</sup>.

Effect of Row Spacing and Seeding Rate on Soybean Yield ... The aim was to evaluate yield and yield parameters, such as number of capitula, floret yield, and carthamidin content for (i) two cultivars grown with (ii) two row spacing (12 and 33 cm) using (iii) two sowing densities (40 and 75 plants m<sup>-2</sup>), and (iv) five harvest dates. Results showed that lower sowing densities resulted in a significantly larger number of branches and capitula per plant and higher yields of florets and carthamidin.

Agronomy | Free Full-Text | Effect of Row Spacing, Sowing ...

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Transgenic, herbicide-resistant cultivars and equipment to spindle-pick 38-cm rows has renewed interest in narrow-row cotton production. Field experiments were conducted at four locations in North Carolina during 2004 and 2005 to evaluate weed management systems in glufosinate-resistant cotton planted in 38- and 97-cm rows. Weeds included broadleaf signalgrass, goosegrass, fall panicum, large ...

Effect of Row Spacing on Weed Management in Glufosinate

...

No significant effects of row spacing and plant density were detected. The yields for 0 and 40 kg N ha<sup>-1</sup> rates were similar, while applying 20 kg N ha<sup>-1</sup> reduced, on average, soybean yield by 14.5%. The planting densities, row spacing, and N rates did not affect wheat yield, or oil and protein content in soybean seeds.

Effect of Nitrogen, Row Spacing, and Plant Density on ...

The extinction coefficient showed a linear decrease as row spacing increased. For each crop, the effect of row spacing on  $k$  was described by one linear regression for most data. Stage of crop development and stage of development  $\times$  row spacing interaction did not significantly affect  $k$  during the period of measurements. The effect of time of day was significant for all four crops, and the time of day  $\times$  row spacing interaction was significant for soybean and sunflower.

Row Spacing Effects on Light Extinction Coefficients of ...

The results showed that using of different row spacing had no significant effect on. parameters that have been taken except the plant height; however plant height, number of tiller per plant, spikelet. per spike, grains per spike,

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biological yield, grain yield and straw were significantly affected by different seed.

Effects of Seed Rate and Row Spacing on Yield and Yield ...

The effect of row spacing showed that the highest biological yield of 14.13 t ha<sup>-1</sup> was obtained from cross sowing of 30 x 30 cm<sup>2</sup> apart while lowest 7.88 t ha<sup>-1</sup> was obtained from 45 cm apart rows. The results obtained agree with Nazir et al. (1987) who reported that cross sowing increased biological yield. Grain yield (t ha<sup>-1</sup>)

Effect of Row Spacing on the Grain Yield and the Yield ...

The combined main effect of inter- and intra-row spacing was highly significant ( $P < 0.01$ ), while their interaction had no significant effect on plant height (Table 1). The maximum plant height (79.83 cm) was recorded at inter-row spacing of 20, 30 and 40 cm (Table 2).

Effect of inter- and intra-row spacing on yield and yield ...

Significant effect of seed rate and row spacing on different parameters was recorded. Row spacing at 45cm produced the highest number of cobs/m<sup>2</sup>, number of cobs/plant and 1000 grain weight. In each row spacing increase in seed rate resulted in increase in plant height. Increase in the seed rate and row spacing resulted in decreased stem diameter. Maximum yield was recorded with 45cm spacing and 35kg/ha seed rate.

Effect of seed rate and row spacing on grain yield of ...

On the other hand, row spacing effects on  $k$  ( $P < 0.05$ ) were only detected at the lowest plant population, where a more square planting pattern (wide-row spacing) promoted a significant increase in  $k$ . The light attenuation–GLAI relationship ( Fig. 4 ) fitted to our data at this stage did not

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provide evidence of a direct effect of leaf azimuthal distribution on light interception.

Plant population density, row spacing and hybrid effects ... The interaction effect of variety and inter row spacing were highly significant on number of primary branches, on crop stand count percentage at harvest, grain yield and harvest index, number of pods per plant, grain yield

## Effect of Inter Row Spacing on Yield Components and Yield

...

In most cases, there is no difference between 7.5, 10, 15, or 20 inch row spacing and anything less than 30 inch is therefore consider narrow row spacing. Most of these studies have concluded that planting soybean in narrow rows will increase yields with the largest increases in yield occurring in the northern Corn Belt.

## Row Spacing is important to maximize your yield ...

afield experiment was conducted at Addis Ababa university, selale campus horticulture department demonstration farm to assess the effect of plant density (intra-row spacing) on growth (days to maturity, plant height, leaf length and leaf number) and

## (PDF) Effect of Intra-Row Spacing on Growth and Yield ...

All 3 varieties tested in 2012 had greater average yield in 7.5-inch row width than 15-inch row width. Yield response to row width in 2012 was similar to results observed in 2010. 2011 was an unusual year in which 15-inch row width had greater yields than 7.5-inch row width. 25R40 had the highest yield across both row widths.

## Row Spacing Effect on Yield of Wheat Varieties | Pioneer

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## Seeds

Jason L. De Bruin, Palle Pedersen, Effect of Row Spacing and Seeding Rate on Soybean Yield, *Agronomy Journal*, 10.2134/agronj2007.0106, 100, 3, (704-710), (2008). Wiley Online Library  
Jason L. De Bruin, Palle Pedersen, Soybean Seed Yield Response to Planting Date and Seeding Rate in the Upper Midwest, *Agronomy Journal*, 10.2134/agronj2007.0115, 100, 3, (696-703), (2008).

## Effect of Plant Population and Row Spacing on Soybean ...

The low productivity of maize is attributed to many factors such as poor agronomic practices like inappropriate seed rate, row and plant spacing, poor soil fertility, drought, insects, diseases and weeds, farmers ' limited access to fertilizers, and low access to seeds of improved maize varieties [ 5].

## Effect of Inter and Intra Row Spacing on Growth, Yield ...

The productivity of common bean is low due to use of inappropriate inter and intra row spacing for varieties with different seed sizes and growth habits in the study area.

## Effect of Plant Spacing on Yield and Yield Related Traits ...

Abstract and Figures To determine the effect of row spacing on earliness in cotton, 3 cultivars viz., NIAB-111, CIM-496 and FH-901 were grown with three row spacings of 60, 75 and 90 cm following a...

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