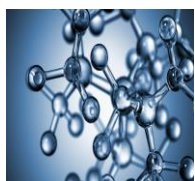


Growth, Yield and Oil Quality of Canola (*Brassica napus* L.) Effect By Nitrogen Fertilizer and Seeding Rate

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Abstract:

This study was conducted at “Girdarasha” research fields – College of Agriculture/University of Salahaddin-Erbil-Iraq–, during the winter season of (2017-2018) to determine the effect of seeding rates and nitrogen fertilizer on growth, yield, yield components and quality of canola (*Brassica napus* L.). Split plot designs with four replicates were used, Main plots represented by four nitrogen rates (0, 100, 200, 300 kg N/ha), While sub plots were represented by three levels of seeding rates (5, 6, 7 kg/ha).

The following results were obtained:

- Seeding rate of 5 kg/ha led to elongate the duration from emergence to inflorescence, increase of leaves number and total leaf area at 134 days from seeding, and led to increase of plant height, number of primary branches, then the number of siliques in compare to other seed rates, but the 7 kg/ha seed rate elongate the period from inflorescence to physiological maturity and the period from emergence to physiological maturity.



Biography : Saifaddin S. Ali has completed his Msc at the age of 26 years from salahaddin University (2010) and PhD from Mosul University collage of Agriculture (2016). He is the director of Industrial crops , a premier Bio-Soft service organization. He has published more than 4 resaerches in reputed journals in Iraq. Saif is working as adminstration manager in Allawa company from (2017) and he is supervising of all agriculture program in the Allawa company.

Publication:

1. Effect of nitrogen (mineral and organic) fertilizer and row spacing on growth, yield, yield components and quality characters of sunflower (*Helianthus annuus* L.)
2. Mechanism of Low Phosphorus Inducing the Main Root Lengthening of Rice
3. Fulleranol can Ameliorate Iron Deficiency in Cucumber Grown Hydroponically
4. Insights into the Molecular Mechanism of Arsenic Phytoremediation
5. Chemical Potential-Induced Wall State Transitions in Plant Cell Growth

[7th Annual Congress on Plant Science and Molecular Biology, Auckland, New Zealand May 18-19, 2020 .](#)

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