

**Efektivitas Pemberian Pupuk NPK dan Pengaruh Jarak Tanam Terhadap Produksi dan Mutu Benih Jagung (*Zea Mays L.*). *The Effectiveness Of NPK Fertilizer Application And The Effect Of Planting Distance On The Production And Quality Of Corn Seeds (Zea Mays L.)*. Supervisor by :
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ABSTRACT

Efforts that can be made to increase the yield of corn plants are by providing organic and inorganic fertilizers. Besides giving NPK fertilizer. Plant spacing is one of the factors that can affect crop production and increase optimal yield. This study used Factorial Randomized Block Design (RBD) with 2 factors. Factor 1, fertilizer application consisted of 3 levels (P1 = 200 kg / ha, P2 = 300 kg / ha, P3 = 400 kg / ha). Factor 2 plant spacing consists of 3 levels (J1 = 50 x 25 cm, J2 = 60 x 25 cm, J3 = 70 x 25 cm). each treatment was repeated three times. The treatment of NPK fertilizer application was very significant (**) on the weight of cob + seeds (dry), number of seeds per ear, seed weight (dry), ear weight (odd), number of seeds per ear, seed production per hectare. The treatment of spacing is very significant (**) in observing the weight of cob + seeds (dry), number of seeds per ear, weight of seeds (dry), weight of cob (odd), number of seeds per ear, seed production per hectare.

Key words: corn, NPK fertilizer. Spacing