

**Effect of planting date and nitrogen fertilization on yield of broccoli Sakura figure in Mazandaran**

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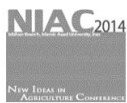
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**Abstract:**

Broccoli (*Brassica oleracea var. Italica*) and an annual herbaceous plant of the cabbage family and is native to the Mediterranean coast. According to FAO statistics, in 2008 China, India, America, Spain, Italy, France, Mexico, Poland, Pakistan and Great Britain ten largest producer in the world is cauliflower and broccoli. Direct Dvsrvt transplanting cabbage are planted. In this method, the distance between rows 50, 20 and 30 plant spacing and planting depth of 1 to 2 cm is considered. The heads of cabbage watered regularly and arrive on time is essential. Broccoli Cauliflower than endure the high temperatures and long growing season it's more of Cauliflower. The experiments have been conducted in broccoli cooling season, the best and most product development. Starter fertilizer for trees and shrubs in the middle of the road fertilizer containing nitrogen have been given to it. Aphids are important pests in spring and the best way to destroy aphids, wash the plant with water pressure. The broccoli head size, and color variety, sowing and planting medium dependent. The Best PH soil testing procedures, six and a half and have better performance in neutral territory. Most of the cultivated soils in broccoli, lime and organic materials are poor. Due to the lack of nitrogen in calcareous soils and the high quality and performance of the broccoli, the aim of this study was to investigate the effect of different nitrogen levels on yield of broccoli cultivars Sakura. Broccoli is one of the vegetables with high nutritional value that contain varying amounts of various vitamins, chlorophyll and protein. Hundreds of heads of broccoli florets are immature on a fleshy stem is formed. Broccoli flowers with sepal sepal and due to high chlorophyll require high amounts of nitrogen to photosynthetic activity there. Therefore, sufficient nitrogen to achieve the desired quality of the product is necessary .nitrogen suitable for achieving quality in calcareous soils is broccoli.

**Keywords:** broccoli, nitrogen, Sakura figure



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