

عنوان مقاله:

(Effectiveness of weed management practices in groundnut (*Arachis hypogaea*)

محل انتشار:

Journal of Agricultural Sciences and Engineering, دوره 2, شماره 3 (سال: 1399)

تعداد صفحات اصل مقاله: 8

نویسندگان:

D Timsina – Agriculture and Forestry University, Rampur, Chitwan, Nepal

Abhisek shrestha – post- graduate student from Tribhuvan University and worked as technical officer at NARC

Bharti Thapa – Institute of Agriculture and Animal science, Lamjung, Nepal

خلاصه مقاله:

A field experiment was conducted in pre-monsoon season during 2017 and 2018 at National oil seed research program, Nawalpur, Sarlahi, Nepal, to study the impact of weed management practices in groundnut production. Pendimethalin as pre-emergence, while Metribuzin, Propaquizafop at 100 g per hectare, Quizalofop ethyl at 100 g per hectare, as post emergence was used along with integration with hand weeding and intercultural operation. The result revealed that supplement of the hand weeding after the application of the pre-emergence herbicides pendimethalin was found effective in reducing the weed severity and improves the growth and yield attributes and ultimately yielded 2101 kg ha⁻¹. This treatment also recorded the highest gross and net return (NRS 168080 and 48470) and benefit cost ratio (1.4) thus, this integrated weed management practice could become effective and economic under southern belt terai agro climatic condition of Nepal

کلمات کلیدی:

Hand weeding, Pendimethalin, Pre emergence, Weeds

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/2091524>

