

عنوان مقاله:

Marigold (*Calendula officinalis*) yield as affected by lamb s-quarters (*Chenopodium album*) competition

محل انتشار:

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تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

To study interferential effect of lamb s-quarters (*Chenopodium album* L.) on marigold (*Calendula officinalis*) yield and lamb s-quarters seed production two factorial field experiments were conducted in Tabriz, Iran, during 2010-2011. Treatments were densities of lamb s-quarters (0, 2, 4, 6 and 8 plants per meter row) and relative times of its emergence (0, 10, 20, 30 and 40 days after marigold emergence). Marigold could tolerate 4 lamb s-quarters plants per meter row without any significant yield reduction, when it emerges 40 days after that of marigold. A suitable fit to model of Cousens et al. was obtained for all marigold flower yield data sets at interference with lamb s-quarters. Results also indicate that controlling lamb s-quarters early in the season may reduce its seed production capacity.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/939221>

