

## عنوان مقاله:

Effect of Long-term Reduced Tillage on Yield and Weeds of Spring Barley

## محل انتشار:

مجله علوم و فناوری کشاورزی، دوره 15، شماره 7 (سال: 1392)

تعداد صفحات اصل مقاله: 8

## نویسندگان:

A. Wozniak - *Department of Herbology and Plant Cultivation Techniques, University of Life Sciences in Lublin, Akademicka ۱۳, ۲۰-۹۵۰ Lublin*

C. Kwiatkowski - *Department of Herbology and Plant Cultivation Techniques, University of Life Sciences in Lublin, Akademicka ۱۳, ۲۰-۹۵۰ Lublin*

## خلاصه مقاله:

The aim of this study was to evaluate the effect of long-term reduced tillage on yield and weeds of spring barley. Treatments consisted of three tillage systems including: (a) conventional tillage (CT), (b) reduced tillage (RT), and (c) herbicide tillage (HT) as the main plot, and two cultivars of spring barley (Tocada and Rastik) as subplots. The results showed that the yield of both cultivars was the highest in CT and the lowest in HT and RT tillage systems. Yield reductions in both HT and RT tillage systems were due to lower spikes per m<sup>2</sup> and ۱,۰۰۰ grain weight. Weeds numbers and dry weight were more in HT and RT than CT tillage.

## کلمات کلیدی:

Weeds dry weight, Weed number, Species composition, Tillage systems

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1826818>

