

## Effect of weed competition in the characteristics of growth and yield and its components of wheat crop *Triticum aestivum* L.: A mini review

**Authors:**

Watheq Falhi Hammood and  
Suhad Mathkooor Safi A

**Institution:**

College of Agriculture,  
University of Baghdad,  
Iraq.

**Corresponding author:**

Watheq Falhi Hammood

**ABSTRACT:**

The variation of wheat varieties in most vegetative traits such as plant height, number of tillers and leaf area may be one of the criteria in determining the variability of these varieties in their ability to compete with the weeds in general. It is reflected in the difference in the percentage of loss to the final crop, as the competition of the weeds for wheat crop has a clear impact. The growth rate of the crop is a determinant factor for the growth, development and production of the crop in later stages. Many researchers have pointed out that the decline of the biological record in the presence of the weeds may be due to the competition of the broad leaf weeds rather than the narrow leaf. This may also be due to the low density of the narrow leaf weeds compared to the broad leaf and low dry weights, which contributed to increase the height of the plant and the number of tillers and dry weight of plants and thus increase the biological yield. The yield of cereals in the transactions were after 4-7 weeks from the emergence of the crop and greatly depend on the absence of weeds.

**Keywords:**

*Triticum aestivum*, Wheat crop, *Lolium rigidum* L.