

Role of Brassinosteroids (BRs) in plants

Authors:

**Hayder A. Baqir,
Mohammed FH. Al-Hassan
and Jamal W. Mahmood**

Institution:

Department of Field Crops,
College of Agriculture
Engineering Science
University of Baghdad, Iraq.

Corresponding author:

Hayder A. Baqir

ABSTRACT:

It is thought that the plant growth and development are organized by five hormone groups: auxins, gibberellins, cytokinins, abscisic acid, and ethylene, however, research proved that Brassinosteroids (BRs) are the sixth group of the plant hormones. They are a group of steroidal substances isolated firstly from the pollen grains of Vape (*Brassica napus* L.). Some studies refer to the unique capability of Brassinosteroids in increasing the crop yield significantly by protecting the plants against the environmental stresses and gene manipulation. This confirms the value of investigating the Brassinosteroid role in enhancing plant growth and productivity.

Keywords:

Brassinosteroids, BRs, Plants.