

## **Preface to special issue on Legumes Research**

We are pleased to present the current issue of the *International Journal of Agriculture and Forestry Journal* as a special issue entitled '*Legumes research*'. This special issue is designed to bring out the original research articles on physiology, ecology, bacterial activity, production, quality, biochemistry and seeds of legumes crops. The objective of the special issue is to serve as a forum for scientific community to publish their research findings on legumes to provide basis for new research.

This special issue presents a series of peer reviewed articles that the guest editor believe will aid in increasing the quality of the research focus across a growing field of legume research. After a rigorous review of the manuscripts submitted, four articles are accommodated in this issue with due consideration of the objective. The first article in this special issue discusses the grain yield and yield components of soybean affected by integrated fertilization methods. Soybean is sensitive to iron deficiency, but different genotypes are various in efficiency of iron consumption. The response of soybean to nano-iron fertilizers evaluated in this article. The second article discusses the some physical properties of chickpea seeds in Kurdistan region of Iran. Physical and mechanical properties of food crops gain importance during design, improvement and optimization of separation and cleaning. Therefore, the objective of this work was comparing some physical properties between four varieties of chickpea seeds (Kaka, Pirooz, ILC and Jam). The third article discusses the effect of moisture content on terminal velocity of chickpea varieties. In this article the terminal velocity of four Iranian varieties of chickpea seeds at six moisture contents levels, experimentally and using mathematical model was obtained. Finally last article discusses the effects of water seed pre-treatment on soybean vegetative and reproductive traits.

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### **Guest Editor**

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