

In the name of God

Managing editor:
Dr. M. A. Kamali Sarvestani
Editor in chief:
Dr. S. Rafiei
Executive & Internal manager:
Eng. H. Dadju

Editorial boards:

Dr. A. Ahoonmanesh, Dr. K. Arzani, Dr.
L. Anviah Takieh, Dr. A. Taghavi Motlagh,
Dr. M. Khayam Nekooye, Dr. A. Salajeghe,
Dr. M. Shahedi, Dr. F. Sharifi, Dr. N. Toghrayee,
Dr. R. Tahmasebi, Dr. P. Falsafi, Dr. A. Keykha,
Dr. M. Gorji, Dr. H. Goshtasb Meygooni, Dr.
M. Mohseni Saravi, Dr. R. Valizadeh, Dr. A.
Hemmat

Lithography, Print, Binding:

Andish-e- Idea-e-Taban

Page arrangement:
H. Dadju

Range of distribution:
All of the country (Iran)

Address: P.B. 14145-561, Tehran-Iran

Fax: +982188952146

JSSN: 1735-1545

www.iaeo.org
Email: Journal@iaeo.org

**Agriculture and Natural Resources
Engineering Organization of
Islamic Republic of Iran
Quarterly**

Investigative, Information, Educational

Vol. 14

No. 54

Winter 2017



ISSN: 1735-1545

Content

- Editorial / 2
- Readout of Leader speech / 4
- Correspondences of ANREDO/ 6
- Training announcement / 10
- News of central organization / 11
- News of provincial organizations / 15
- Special Report / 17
- Appointments in ANREDO / 18
- Ratifications of central council/ 19
- Laws and regulations related to agriculture / 21
- New scientific information / 23
- Status of agriculture and food / 27
- Biological nitrogen fixation / 31
- Extraction and identification of chemical compounds of *Achillea*/ 34
- Proteins and Nucleic acid Sequencing by nanopore / 38
- Management and improvement of saline soils / 41
- Fire effects on forest soil biology / 45
- The problems of Modernization of apple industry / 50
- Agricultural news / 56
- Instructions for Author's Manuscript / 63
- English page / 64

Instructions for Author's Manuscript

Title and authors names and address must be given in the front page. This must be followed by the abstract on separate page. Thereafter, material and method, results and discussion, acknowledgements, references. Tables, photographs and all figures including drawings, graphics, and diagrams must be attached after the references. Articles should be computer-typed single spaced throughout on A4 papers and must be sent via email address of issue. British spelling should be followed. All queries marked in the annotated MS by editor/ reviewer (s) must be replied and returned back promptly. In case of an article having more than one author, the entire correspondence regarding article will be made with correspondence author.