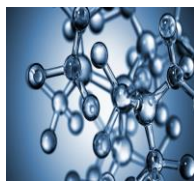


New Techniques for Evaluation of Water Stress and Drought Effects in Crop and Rangeland Plants

Muhtor Nasyrov

Samarkand state university, Uzbekistan



Abstract:

Temperature and water regimes are the main factors that affect the growth, development, and yield of plants growing in arid and semi-arid regions. Consequently, any change in climate will likely have a major influence on plants growing in these areas. For example, a 1-3 0C rise in temperature can shift growth to 5-14 days earlier, which may result in growth initiation during the last week of February. This shift may be critical for the growth of vegetation where growth would be shifted to a period of more intensive rainfall and lower air temperatures, resulting in declines in total biomass production. This may be particularly important for sedges (*Carex* spp.), a main fodder crop in Central Asia, which have previously been shown to exhibit considerable reductions in height during the last 30 years.



Biography : Muhtor Nasyrov is currently working as a Vice Rector, International Relations and Dean, Faculty of Natural Science, Samarkand State University Samarkand, Uzbekistan.

Publication:

1. Drought Tolerance Strategies in Plants: A Mechanistic Approach
2. Physiological Aspects of Melon (*Cucumis melo* L.) as a Function of Salinity
3. Biocontrol Activity and Plant Growth Promotion Exerted by *Aureobasidium pullulans* Strains
4. Seed Coat Structural and Permeability Properties of *Tilia miqueliana* Seeds
5. Genetic Diversity in Frontal Temporal Dementia

[7th Annual Congress on Plant Science and Molecular Biology, Auckland, New Zealand May 18-19, 2020 .](#)

Abstract Citation: [Danial Khavatan, The effects of Raspberry stem cells as an antioxidant in UVB-induced damaged ,Plant Science Congress 2020 , 7th Annual Congress on Plant Science and Molecular Biology, Auckland, New Zealand, May 18-19, 2020 pp: 0-1](#)