

# Accepted Manuscript

Impact of Ethylene diurea (EDU) on growth, yield and proteome of two winter wheat varieties under high ambient ozone phytotoxicity

Sunil K. Gupta, Marisha Sharma, Baisakhi Majumder, Vivek K. Maurya, Meenakshi Lohani, Farah Deebea, Vivek Pandey



PII: S0045-6535(17)32128-8

DOI: [10.1016/j.chemosphere.2017.12.150](https://doi.org/10.1016/j.chemosphere.2017.12.150)

Reference: CHEM 20531

To appear in: *ECSN*

Received Date: 23 September 2017

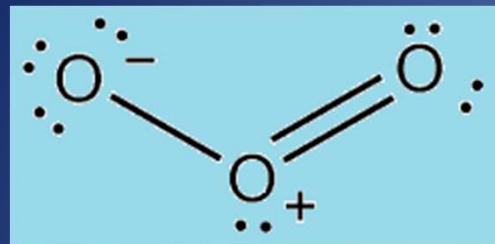
Revised Date: 19 December 2017

Accepted Date: 22 December 2017

Please cite this article as: Gupta, S.K., Sharma, M., Majumder, B., Maurya, V.K., Lohani, M., Deebea, F., Pandey, V., Impact of Ethylene diurea (EDU) on growth, yield and proteome of two winter wheat varieties under high ambient ozone phytotoxicity, *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2017.12.150.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Phytotoxic ambient Ozone  
60 ppb



Harms



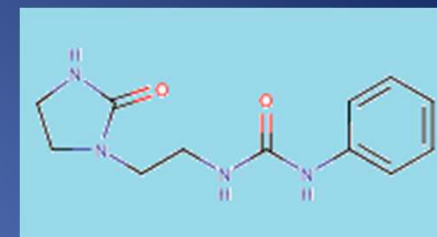
Foliar EDU Spray



Protects



Ethylene Diurea  
200 & 300 ppm



Morphological

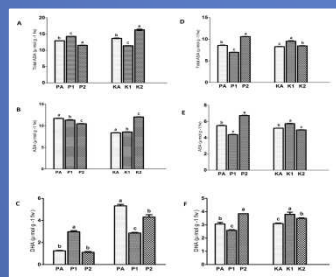


Visible Injury

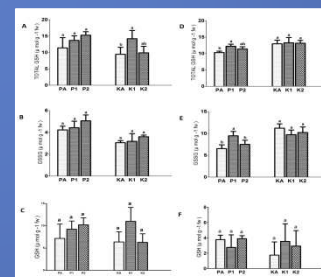


Plant height

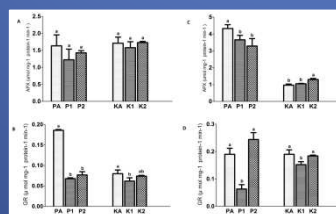
Biochemical



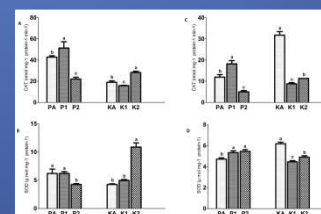
ASA



GSH



APX & GR



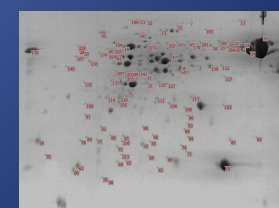
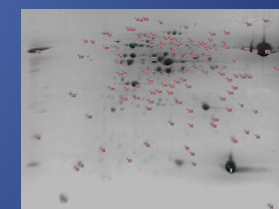
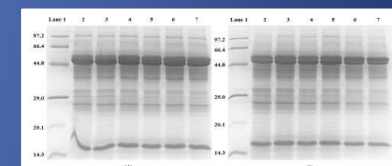
SOD & CAT

SDS-PAGE

KUNDAN

PBW 343

Proteomics



Download English Version:

<https://daneshyari.com/en/article/8852098>

Download Persian Version:

<https://daneshyari.com/article/8852098>

[Daneshyari.com](https://daneshyari.com)