

**Alert No. 49 (5 May 2017)**

1. Least limiting water range for two conservation agriculture cropping systems in India. By Amit Kumar Mishra et al. Soil & Tillage Research 150: 43–56 (2015).
2. Temperature sensitivity of soil organic carbon decomposition as affected by long-term fertilization under a soybean based cropping system in a sub-tropical Alfisol. By Avijit Ghosh et al. Agriculture, Ecosystems and Environment 233: 202–213 (2016).
3. Conservation agriculture effects on soil organic carbon accumulation and crop productivity under a rice–wheat cropping system in the western Indo-Gangetic Plains. By. Ranjan Bhattacharyya et al. Europ. J. Agronomy 70: 11-21 (2015).
4. Back to the Prairie: Carbon-wise practices feed the soil. By Susan Winsor. The Progressive Farmer, Special Issue. Mid-February 2016.
5. Impacts of conservation agriculture on total soil organic carbon retention potential under an irrigated agro-ecosystem of the western Indo-Gangetic Plains. By T.K. Das et al. Europ. J. Agronomy 51: 34– 42 (2013).
6. Conservation agriculture in an irrigated cotton–wheat system of the western Indo-Gangetic Plains: Crop and water productivity and economic profitability. By T.K. Das. Field Crops Research 158: 24–33 (2014).
7. Effects of conservation agriculture on crop productivity and water-use efficiency under an irrigated pigeonpea–wheat cropping system in the western Indo-Gangetic Plains. By T.K.Das et al. Journal of Agricultural Science, Page 1 to 16 (2016).
8. Conservation tillage is not conservation agriculture. By Don Reicosky. Journal of Soil and Water Conservation. Sept/Oct 2015 - Vol. 70, N0. 5.

9. Conservation agriculture impact for soil conservation in maize–wheat cropping system in the Indian sub-Himalayas. By B. N. Ghosh et al. International Soil and Water Conservation Research 3: 112–118 (2015).
10. Impact of conservation practices on soil aggregation and the carbon management index after seven years of maize–wheat cropping system in the Indian Himalayas. By B.N.Ghosh et al. Agriculture, Ecosystems and Environment 216 (2016) 247–257
11. Light grazing of crop residues by sheep in a Mediterranean-type environment has little impact on following no-tillage crops. By Cara J. Allan et al. Europ. J. Agronomy 77: 70–80 (2016).
12. Low-carbon agriculture in South America to mitigate global climate change and advance food security. By João Carlos de Moraes Sá et al. Environment International (2016).
13. Relay intercropping and mineral fertilizer effects on biomass production, maize productivity and weed dynamics in contrasting soils under conservation agriculture. By B. Mhlanga et al. Journal of Agricultural Science, Page 1 to 12 (2016).
14. Energy auditing of a maize-wheat-green gram cropping system under conventional and conservation agriculture in irrigated north-western Indo-Gangetic Plains. By A.A. Saad et al. Energy 116: 293-305 (2016).
15. Soil Degradation in India: Challenges and Potential Solutions. By Ranjan Bhattacharyya. Sustainability 7: 3528-3570 (2015).
16. Soil Conservation Issues in India. By Ranjan Bhattacharyya et al. Sustainability, 8: 565-602 (2016).
17. **Up-dating Conservation Agriculture Database in AquaStat, FAO.**

The CA land area database is updated periodically based on the feedback received from our regular sources of information. These include: official government sources, no-till associations, NGOs, national and international research institutes, and informed individuals. The information is posted in AquaStat. The latest figures (update 2013) can be seen at the FAO CA-Website at (<http://www.fao.org/ag/ca/6c.html>).

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