

**Alert No. 37 (22 December 2014)**

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2. Earthworm richness in land-use systems in Santa Catarina, Brazil. By Marie Bartz et al. Applied Soil Ecology 83: 59-70 (2014)  
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3. Comparative advantages of Conservation Agriculture based rice-wheat rotation systems under water and salt dynamics typical for the irrigated arid drylands in Central Asia. By K.P. Devkota et al. European Journal of Agronomy 62: 98-109 (2015)  
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6. Tillage and nitrogen fertilization effects on yield and nitrogen use efficiency of irrigated cotton. By M. Devkota et al. Soil and Tillage Research 134: 72-82 (2013)  
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8. The spread of Conservation Agriculture: Policy and institutional support for adoption and uptake. By A.H. Kassam et al. Field Action Science Reports Vol. 7 (2014) (<http://factsreports.revues.org/3720>)
9. Torque and energy characteristics for strip-tillage cultivation when cutting furrows using three designs of rotary blades. By M.A. Matin et al. Biosystems Engineering 129: 329-340 (2014) (<http://www.sciencedirect.com/science/article/pii/S1537511014002001>)
10. Furrow parameters in rotary strip tillage: Effect of blade geometry and rotary speed. By M.A. Matin et al. Biosystems Engineering 118: 7-15 (2014) (<http://www.sciencedirect.com/science/article/pii/S153751101300175X>)
11. Conservation Agriculture for small holder rainfed farming: Opportunities and constraints of new mechanized systems. By C. Johansen et al. Field Crops Research 132: 18-32 (2012) (<http://www.sciencedirect.com/science/article/pii/S0378429011004138>)
12. Sustainable intensification in agricultural systems. By Jules Pretty and Zareen Bharucha. Annals of Botany (2014) (doi:10.1093/aob/mcu205, available at: [www.aob.oxfordjournals.org](http://www.aob.oxfordjournals.org))
13. Weed community responses to rotations with cover crops in maize-based Conservation Agriculture systems in Zimbabwe. By Blessing Mhalanga et al. Crop Protection 69: 1-8 (2015) (<http://www.sciencedirect.com/science/article/pii/S0261219414003627>)
14. Long term effects of cover crops on crop yields, soil organic carbon stocks and sequestration. By Kenneth Olson et al. Open Journal of Soil Science 4: 284-292 (2014) (<http://dx.doi.org/10.4236/ojss.2014.48030>)
15. A renewed view of Conservation Agriculture and its evolution over the last decade in Spain. By E.J.Gonzalez-Sanchez et al. Soil and Tillage Research 146: 204-212 (2015) (<http://dx.doi.org/10.1016/j.still.2014.10.016>)
16. Yield response to maize to Conservation Agriculture cropping system in Southern Africa. By C. Thierfelder et al. Soil and Tillage Research 146: 230-242 (2015) (<http://www.sciencedirect.com/science/article/pii/S0167198714002281>)

17. [No Ordinary Matter: Conserving, restoring, enhancing Africa's Soils. Montpellier Panel Report December 2014.](#)
18. [Cover crop survey report 2012-2013. Conservation Technology Information Centre \(CTIC\) and Sustainable Agriculture Research and Education \(SARE\)](#)
19. [Ukraine: Soil fertility to strengthen climate resilience – Preliminary assessment of the potential benefits of Conservation Agriculture. By Turi Fileccia et al. FAO Investment Centre and World Bank](#)
20. [Exchanging experience with Conservation Agriculture: Towards climate resilience. By Li Hongwen et al. Popular Science Press and World Bank](#)
21. **Up-dating Conservation Agriculture Data Base in AquaStat, FAO**

The CA land area data base is updated periodically based on the feedback received from our regular sources of information and is posted in AquaStat. The latest figures can be seen at the FAO CA-Website at (<http://www.fao.org/ag/ca/6c.html>).

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