**CA-CoP CONSERVATION AGRICULTURE COMMUNITY OF PRACTICE**

***for sustainable production intensification***

**Alert No. 44 (4 March 2016)**

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4. [**Integration of conservation agriculture with best management practices for improving system performance of the rice–wheat rotation in the Eastern Indo-Gangetic Plains of India. By Ranjan Laik et al. Agriculture, Ecosystems and Environment 195: 68-82 (2015).**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/200.%20Liak%20et%20al%20AEA%202014%20on-line.pdf)
5. [**Fire-free fallow management by mechanized chopping of biomass for sustainable agriculture in Eastern Amazon: Effects of soil compactness, porosity, and water retention and availability. By José Miguel Reichert et al. Land Degradation and Development (2015) (doi: 10.1002/ldr.2395).**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/C_2015_Reichert%20et%20al.,%202015-FIRE-FREE%20FALLOW%20MANAGEMENT%20BY%20MECHANIZED%20CHOPPING%20OF%20BIOMASS%20FOR%20SUSTAINABLE%20AGRICULTURE%20IN%20EASTERN%20AMAZON-1.pdf)
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7. [**Evaluating manual conservation agriculture systems in southern Africa. By Christian Thierfelder et al. Agriculture, Ecosystems and Environment 222: 112–124 (2016).**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/Thierfelder%20et%20al.%202016.%20Evaluating%20manual%20CA%20systems.%20AEE.pdf)
8. [**Mechanized land preparation in eastern Amazon in fire-free forest-based fallow systems as alternatives to slash-and-burn practices: Hydraulic and mechanical soil properties. By Jose Miguel Reichert et al. Agriculture, Ecosystems and Environment (2014) (doi: 10.1016/j.agee.2014.03.046).**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/2014_Reichert%20et%20al.,%202014%20-%20Mechanized%20land%20preparation.pdf)
9. [**Fragmentation, fiber separation, decomposition, and nutrient release of secondary-forest biomass, mechanically chopped-and-mulched, and cassava production in the Amazon. By José Miguel Reichert et al. Agriculture, Ecosystems and Environment 204: 8-16 (2015**).](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/C_2015_Reichert%20et%20al.,%202015%20-%20Fragmentation,%20fiber%20separation,%20and%20release%20of%20secondary-forest%20biomass.pdf)
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14. [**Save and Grow in Practice: Maize, Rice and Wheat – A Guide to Sustainable Production. FAO, Rome (2016).**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/Save%20&%20Grow%20in%20Practice.pdf)
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16. [**Fighting Microbes with Microbes Doctors turn to good microbes to fight disease. Will the same strategy work with crops? By Amy Coombs. The Scientist January 2013.**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/Fighting%20Microbes%20with%20Microbes%20_%20The%20Scientist%20Magazine-%AB.pdf)
17. [**Zero tillage – The voice of farmers. R.K.Malik et al. Directorate of Extension CCS Haryana Agricultural University, Hissar, India.**](ftp://ext-ftp.fao.org/ag/Data/agp/Friedrich/Alert%2044/Zero%20Tillage%20-%20The%20Voice%20of%20Famrers.pdf)
18. **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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