The sustainability of changes in agricultural technology: The carbon, economic and labour implications of mechanisation and synthetic fertiliser use

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Ambio, 2016, 45, 885-894.

#	Paper	IF	Citations
15	Effects of different mechanized soil fertilization methods on corn soil fertility under continuous cropping. *IOP Conference Series: Earth and Environmental Science*, **2017**, 64, 012109	0.3	1
14	Effects of different mechanized soil fertilization methods on corn nutrient accumulation and yield. *IOP Conference Series: Earth and Environmental Science*, **2017**, 64, 012106	0.3	1
13	Humusica 2, article 17: techno humus systems and global change – three crucial questions. *Applied Soil Ecology*, **2018**, 122, 237-253	5	7
12	Effects of Different Mechanized Organic Fertilization Methods on the Soil Physicochemical Properties of Corn Field. *IOP Conference Series: Earth and Environmental Science*, **2019**, 233, 042009	0.3	
11	Towards Lower-Carbon Indian Agricultural Development: An Experiment in Multi-criteria Mapping. *Review of Development and Change*, **2019**, 24, 5-30	0.4	2
10	From animals to machines. The impact of mechanization on the carbon footprint of traction in Spanish agriculture: 1900–2014. *Journal of Cleaner Production*, **2019**, 221, 295-305	10.3	23
9	A sustainability-oriented design approach for agricultural machinery and its associated service ecosystem development. *Journal of Cleaner Production*, **2020**, 264, 121642	10.3	13
8	GARCH model to estimate the impact of agricultural greenhouse gas emissions per sociodemographic factors and CAP in Spain. *Environment, Development and Sustainability*, **2021**, 23, 4675-4697	4.5	2
7	Understanding transitions in farming systems and their effects on livestock rearing and smallholder livelihoods in Telangana, India. *Ambio*, **2021**, 50, 1809-1823	6.5	3
6	Testing quality of working ploughing aggregate in autumn plouging. *Savremena Poljoprivredna Tehnika*, **2019**, 45, 31-36	0	
5	Understanding farming systems and their economic performance in Telangana, India: Not all that glitters is gold. *Current Research in Environmental Sustainability*, **2022**, 4, 100120	5	1
4	Designerly Ways for Sustainable Livelihoods. *Design Science and Innovation*, **2022**, 59-84	0.2	
3	Impact of Tillage and Fertilization on CO2 Emission from Soil under Maize Cultivation. *Agriculture (Switzerland)*, **2022**, 12, 555	3	0
2	Energy input–output analysis and greenhouse gas emission in okra and tomato production in Chotanagpur plateau region of India.		
1	Rice cultivation and processing: Highlights from a life cycle thinking perspective. **2023**, 871, 162079		0