

Bibliography from Web of Science 20080626

TS=(no tillage) OR TS=(conservation tillage) AND Document Type=(Review)

Timespan=2006-2008. Databases=SCI-EXPANDED, SSCI, A&HCI.

Aboudrare, A., Debaeke, P., Bouaziz, A., & Chekli, H. (2006)

Effects of soil tillage and fallow management on soil water storage and sunflower production in a semi-arid Mediterranean climate. *Agricultural Water Management*, 83, 3, pp 183-196

<Go to ISI>://WOS:000238297500001

Abrahamson, D.A., Radcliffe, D.E., Steiner, J.L., Cabrera, M.L., Endale, D.M., & Hoogenboom, G. (2006)

Evaluation of the RZWQM for simulating tile drainage and leached nitrate in the Georgia piedmont. *Agronomy Journal*, 98, 3, pp 644-654

<Go to ISI>://WOS:000237867600027

Abrisqueta, J.M., Plana, V., Franco, J.A., & Ruiz-Sanchez, M.C. (2006)

Effect of tillage and water pressure head on the hydraulic properties of a loamy soil surface. *Spanish Journal of Agricultural Research*, 4, pp 180-186

<Go to ISI>://WOS:000238028600010

Adl, S.M., Coleman, D.C., & Read, F. (2006)

Slow recovery of soil biodiversity in sandy loam soils of Georgia after 25 years of no-tillage management. *Agriculture Ecosystems & Environment*, 114, 2-4, pp 323-334

<Go to ISI>://WOS:000236776600015

Agbede, T.M. (2006)

Effect of tillage on soil properties and yam yield on an Alfisol in southwestern Nigeria. *Soil & Tillage Research*, 86, 1, pp 1-8

<Go to ISI>://WOS:000235253500001

Ahaneku, I.E. (2006)

Influence of tillage method on emergence and yield of soybean. *Discovery and Innovation*, 18, 1, pp 30-36

<Go to ISI>://WOS:000239263800006

Ahuja, L.R., Ma, L.W., & Timlin, D.J. (2006)

Trans-disciplinary soil physics research critical to synthesis and modeling of agricultural systems. *Soil Science Society of America Journal*, 70, 2, pp 311-326

<Go to ISI>://WOS:000236009100001

Aita, C., Chiapinotto, I.C., Giacomini, S.J., Hubner, A.P., & Marques, M.G. (2006)

Decomposition of black oat straw and pig slurry in a soil under no-tillage. *Revista Brasileira De Ciencia Do Solo*, 30, 1, pp 149-161

<Go to ISI>://WOS:000236040100015

Akiyoshi Sanches Suzuki, L.E. & Alves, M.C. (2006)

Cover crops biomass on different crop sequences and tillage systems. *Bragantia*, 65, 1, pp 121-127

<Go to ISI>://BIOSIS:PREV200700559589

Alves, B.J.R., Zotarelli, L., Fernandes, F.M., Heckler, J.C., de Macedo, R.A.T., Boddey, R.M., Jantalia, C.P., & Urquiaga, S. (2006)

Biological nitrogen fixation and nitrogen fertilizer on the nitrogen balance of soybean, maize and cotton. *Pesquisa Agropecuaria Brasileira*, 41, 3, pp 449-456

<Go to ISI>://WOS:000237741800011

Angas, P., Lampurlanes, J., & Cantero-Martinez, C. (2006)

Tillage and N fertilization - Effects on N dynamics and barley yield under semiarid Mediterranean conditions. *Soil & Tillage Research*, 87, 1, pp 59-71

<Go to ISI>://WOS:000235863500007

Barker, G.M. (2006)

Diversity in plants and other Collembola ameliorate impacts of *Sminthurus viridis* on plant community structure. *Acta Oecologica-International Journal of Ecology*, 29, 3, pp 256-265

<Go to ISI>://WOS:000238910500003

Barroso, J., Navarrete, L., Del Arco, M.J.S., Fernandez-Quintanilla, C., Lutman, P.J.W., Perry, N.H., & Hull, R.I. (2006)

Dispersal of *Avena fatua* and *Avena sterilis* patches by natural dissemination, soil tillage and combine harvesters. *Weed Research*, 46, 2, pp 118-128

<Go to ISI>://WOS:000235843400002

Bayer, C., Martin-Neto, L., Mielniczuk, J., Pavinato, A., & Dieckow, J. (2006)

Carbon sequestration in two Brazilian Cerrado soils under no-till. *Soil & Tillage Research*, 86, 2, pp 237-245

<Go to ISI>://WOS:000235577500011

Behera, S. & Panda, R.K. (2006)

Evaluation of management alternatives for an agricultural watershed in a sub-humid subtropical region using a physical process based model. *Agriculture Ecosystems & Environment*, 113, 1-4, pp 62-72

<Go to ISI>://WOS:000235765100006

Benetoli da Silva, T.R. & Lemos, L.B. (2006)

Black oat yield and seed physiologic quality under superficial lime application in no tillage system. *Acta Scientiarum Agronomy*, 28, 2, pp 207-211

<Go to ISI>://BIOSIS:PREV200600535138

Benitez, E., Nogales, R., Campos, M., & Ruano, F. (2006)

Biochemical variability of olive-orchard soils under different management systems. *Applied Soil Ecology*, 32, 2, pp 221-231

<Go to ISI>://WOS:000237904500007

Bernoux, M., Cerri, C.C., Cerri, C.E.P., Neto, M.S., Metay, A., Perrin, A.S., Scopel, E., Razafimbelo, T., Blavet, D., Piccolo, M.D., Pavei, M., & Milne, E. (2006)

Cropping systems, carbon sequestration and erosion in Brazil, a review. *Agronomy for Sustainable Development*, 26, 1, pp 1-8

<Go to ISI>://WOS:000236003300001

Bertol, I., do Amaral, A.J., Vazquez, E.V., Gonzalez, A.P., Barbosa, F.T., & Brignoni, L.F. (2006)

Relations of soil surface roughness with the rainfall volume and water aggregate stability. *Revista Brasileira De Ciencia Do Solo*, 30, 3, pp 543-553

<Go to ISI>://WOS:000239083100014

Bescansa, P., Imaz, M.J., Virto, I., Enrique, A., & Hoogmoed, W.B. (2006)

Soil water retention as affected by tillage and residue management in semiarid Spain. *Soil & Tillage Research*, 87, 1, pp 19-27

<Go to ISI>://WOS:000235863500003

Bhattacharyya, R., Prakash, V., Kundu, S., & Gupta, H.S. (2006)

Effect of tillage and crop rotations on pore size distribution and soil hydraulic conductivity in sandy clay loam soil of the Indian Himalayas. *Soil & Tillage Research*, 86, 2, pp 129-140

<Go to ISI>://WOS:000235577500001

Bittencourt, S. & Gobbi, E.F. (2006)

Maximum allowable phosphorus load in the Piraquara II Reservoir, a TMDL process application. *Revista Brasileira De Ciencia Do Solo*, 30, 3, pp 595-603

<Go to ISI>://WOS:000239083100019

Blackwood, C.B., Dell, C.J., Smucker, A.J.M., & Paul, E.A. (2006)

Eubacterial communities in different soil macroaggregate environments and cropping systems. *Soil Biology & Biochemistry*, 38, 4, pp 720-728

<Go to ISI>://WOS:000237051600010

Blanco-Canqui, H., Lal, R., Post, W.M., Izaurralde, R.C., & Owens, L.B. (2006)

Corn stover impacts on near-surface soil properties of no-till corn in Ohio. *Soil Science Society of America Journal*, 70, 1, pp 266-278

<Go to ISI>://WOS:000235088200029

Blanco-Canqui, H., Lal, R., Post, W.M., Izaurralde, R.C., & Owens, L.B. (2006)

Rapid changes in soil carbon and structural properties due to stover removal from no-till corn plots. *Soil Science*, 171, 6, pp 468-482

<Go to ISI>://WOS:000238831500004

Bolinder, M.A., VandenBygaart, A.J., Gregorich, E.G., Angers, D.A., & Janzen, H.H. (2006)

Modelling soil organic carbon stock change for estimating whole-farm greenhouse gas emissions. *Canadian Journal of Soil Science*, 86, 3, pp 419-429

<Go to ISI>://WOS:000240051100006

Bossuyt, H., Six, J., & Hendrix, P.F. (2006)

Interactive effects of functionally different earthworm species on aggregation and incorporation and decomposition of newly added residue carbon. *Geoderma*, 130, 1-2, pp 14-25

<Go to ISI>://WOS:000234709500002

- Botta, G.F., Jorajuria, D., Rosatto, H., & Ferrero, C. (2006)**
Light tractor traffic frequency on soil compaction in the Rolling Pampa region of Argentina. *Soil & Tillage Research*, 86, 1, pp 9-14
<Go to ISI>://WOS:000235253500002
- Bradbury, R.B. & Kirby, W.B. (2006)**
Farmland birds and resource protection in the UK: Cross-cutting solutions for multi-functional farming? *Biological Conservation*, 129, 4, pp 530-542
<Go to ISI>://WOS:000237878900010
- Bricklemeyer, R.S., Lawrence, R.L., Miller, P.R., & Battogtokh, N. (2006)**
Predicting tillage practices and agricultural soil disturbance in north central Montana with Landsat imagery. *Agriculture Ecosystems & Environment*, 114, 2-4, pp 210-216
<Go to ISI>://WOS:000236776600006
- Brmez, M., Ivezić, M., & Raspudic, E. (2006)**
Effect of mechanical disturbances on nematode communities in arable land. *Helminthologia*, 43, 2, pp 117-121
<Go to ISI>://WOS:000238854800011
- Bronson, K.F., Booker, J.D., Bordovsky, J.P., Keeling, J.W., Wheeler, T.A., Boman, R.K., Parajulee, M.N., Segarra, E., & Nichols, R.L. (2006)**
Site-specific irrigation and nitrogen management for cotton production in the Southern High Plains. *Agronomy Journal*, 98, 1, pp 212-219
<Go to ISI>://WOS:000235108100028
- Bruce, S.E., Kirkegaard, J.A., Pratley, J., & Howe, G. (2006)**
Growth suppression of canola through wheat stubble I. Separating physical and biochemical causes in the field. *Plant and Soil*, 281, 1-2, pp 203-218
<Go to ISI>://WOS:000237441800017
- Bueno, J., Amiama, C., Hernanz, J.L., & Pereira, J.M. (2006)**
Penetration resistance, soil water content, and workability of grasslands soils under two tillage systems. *Transactions of the Asabe*, 49, 4, pp 875-882
<Go to ISI>://WOS:000240580400004
- Bullied, W.J., Van Acker, R.C., Marginet, A.M., & Kenkel, N.C. (2006)**
Agronomic and environmental factors influence weed composition and canola competitiveness in southern Manitoba. *Canadian Journal of Plant Science*, 86, 2, pp 591-599
<Go to ISI>://WOS:000240051500034
- Caires, E.F., Garbuio, F.J., Alleoni, L.R.F., & Cambri, M.A. (2006)**
Surface lime application and black oat cover preceding corn and soybean crops under a no-till system. *Revista Brasileira De Ciencia Do Solo*, 30, 1, pp 87-98
<Go to ISI>://WOS:000236040100010
- Campbell, C.A., Selles, F., De Jong, R., Zentner, R.P., Hamel, C., Lemke, R., Jefferson, P.G., & McConkey, B.G. (2006)**
Effect of crop rotations on NO₃ leached over 17 years in a medium-textured Brown Chernozem. *Canadian Journal of Soil Science*, 86, 1, pp 109-118
<Go to ISI>://WOS:000239202000011
- Cantero-Martinez, C., Westfall, D.G., Sherrod, L.A., & Peterson, G.A. (2006)**
Long-term crop residue dynamics in no-till cropping systems under semi-arid conditions. *Journal of Soil and Water Conservation*, 61, 2, pp 84-95
<Go to ISI>://WOS:000238082500016
- Cantonwine, E.G., Culbreath, A.K., Stevenson, K.L., Kemerait, R.C., Brenneman, T.B., Smith, N.B., & Mullinix, B.G. (2006)**
Integrated disease management of leaf spot and spotted wilt of peanut. *Plant Disease*, 90, 4, pp 493-500
<Go to ISI>://WOS:000236186900018
- Cardoso, E.G., Zotarelli, L., Piccinin, J.L., Torres, E., Saraiva, O.F., & Guimaraes, M.D. (2006)**
Soybean root system in function of soil compaction under no-tillage system. *Pesquisa Agropecuaria Brasileira*, 41, 3, pp 493-501
<Go to ISI>://WOS:000237741800017
- Castro, L.G., Cogo, N.P., & Volk, L.B.D. (2006)**
Alterations in soil surface roughness by tillage and rainfall in relation to water erosion. *Revista Brasileira De Ciencia Do Solo*, 30, 2, pp 339-352
<Go to ISI>://WOS:000237402200014
- Cavaliere, K.M.V., Tormena, C.A., Vidigal, P.S., Goncalves, A.C.A., & da Costa, A.C.S. (2006)**
Effects of tillage systems on the soil physical properties of a dystrophic Red Latosol. *Revista Brasileira De Ciencia Do Solo*, 30, 1, pp 137-147

<Go to ISI>://WOS:000236040100014

- Charles, K.S., Ngouajio, M., Warncke, D.D., Poff, K.L., & Hausbeck, M.K. (2006)**
Integration of cover crops and fertilizer rates for weed management in celery. *Weed Science*, 54, 2, pp 326-334
<Go to ISI>://WOS:000236728600018
- Chauhan, B.S., Gill, G., & Preston, C. (2006)**
Factors affecting seed germination of threehorn bedstraw (*Galium tricornutum*) in Australia. *Weed Science*, 54, 3, pp 471-477
<Go to ISI>://WOS:000238440200011
- Chauhan, B.S., Gill, G., & Preston, C. (2006)**
Influence of tillage systems on vertical distribution, seedling recruitment and persistence of rigid ryegrass (*Lolium rigidum*) seed bank. *Weed Science*, 54, 4, pp 669-676
<Go to ISI>://WOS:000239469200009
- Chauhan, B.S., Gill, G., & Preston, C. (2006)**
Seedling recruitment pattern and depth of recruitment of 10 weed species in minimum tillage and no-till seeding systems. *Weed Science*, 54, 4, pp 658-668
<Go to ISI>://WOS:000239469200008
- Chen, S. (2006)**
Tillage and crop sequence effects on *Heterodera glycines* and soybean and corn yields. *Journal of Nematology*, 38, 2, pp 267-267
<Go to ISI>://WOS:000240672200043
- Chiroma, A.M., Folorunso, O.A., & Alhassan, A.B. (2006)**
Soil water conservation, growth, yield and water use efficiency of sorghum as affected by land configuration and wood-shavings mulch in semi-arid Northeast Nigeria. *Experimental Agriculture*, 42, 2, pp 199-216
<Go to ISI>://WOS:000236457200005
- Clegg, C.D. (2006)**
Impact of cattle grazing and inorganic fertiliser additions to managed grasslands on the microbial community composition of soils. *Applied Soil Ecology*, 31, 1-2, pp 73-82
<Go to ISI>://WOS:000235493700008
- Cramb, R.A. (2006)**
The role of social capital in the promotion of conservation farming: The case of 'landcare' in the southern Philippines. *Land Degradation & Development*, 17, 1, pp 23-30
<Go to ISI>://WOS:000235407300003
- Cullen, B.R. & Hill, J.O. (2006)**
A survey of the use of lucerne, butterfly pea and lablab in ley pastures in the mixed-farming systems of northern Australia. *Tropical Grasslands*, 40, 1, pp 24-32
<Go to ISI>://WOS:000237049300003
- da Silva, E.C., Muraoka, T., Buzetti, S., & Trivelin, P.C.O. (2006)**
Nitrogen management in corn under no-tillage with different cover crops in a Rhodic Hapludox soil. *Pesquisa Agropecuaria Brasileira*, 41, 3, pp 477-486
<Go to ISI>://WOS:000237741800015
- da Silva, M.A.S., Mafra, A.L., Albuquerque, J.A., Dalla Rosa, J., Bayer, C., & Mielniczuk, J. (2006)**
Soil physical proprieties and organic carbon concentration of a red a crisol under different uses and management systems. *Revista Brasileira De Ciencia Do Solo*, 30, 2, pp 329-337
<Go to ISI>://WOS:000237402200013
- da Silva, R.F., de Aquino, A.M., Mercante, F.M., & Guimaraes, M.D.F. (2006)**
Soil invertebrate macrofauna under different production systems in a Hapludox in the Cerrado Region. *Pesquisa Agropecuaria Brasileira*, 41, 4, pp 697-704
<Go to ISI>://WOS:000238923300022
- da Silva, T.R.B., Lemos, L.B., & Tavares, C.A. (2006)**
Yield and technological characteristics of common bean fertilized with nitrogen and molybdenum. *Pesquisa Agropecuaria Brasileira*, 41, 5, pp 739-745
<Go to ISI>://WOS:000240555700004
- da Silva, V.R., Reichert, J.M., & Reinert, D.J. (2006)**
Soil temperature variation in three different systems of soil management in blackbeans crop. *Revista Brasileira De Ciencia Do Solo*, 30, 3, pp 391-399
<Go to ISI>://WOS:000239083100001
- de Campos, B.H.C. & Gnatta, V. (2006)**

- Inoculant and foliar fertilizer in soybean under no-tillage cultivated in areas with established Bradyrhizobium populations. *Revista Brasileira De Ciencia Do Solo*, 30, 1, pp 69-76
<Go to ISI>://WOS:000236040100008
- de Carvalho, A.D., Soares, D.J., do Carmo, M.G.F., da Costa, A.C.T., & Pimentel, C. (2006)**
Description of the life-cycle of the pearl millet rust fungus-*Puccinia substriata* var. *penicillariae* with a proposal of reducing var. *indica* to a synonym. *Mycopathologia*, 161, 5, pp 331-336
<Go to ISI>://WOS:000237192900008
- de Carvalho, A.M., Bustamante, M.M.D., Kozovits, A.R., de Miranda, L.N., Vivaldi, L.J., & de Sousa, D.M. (2006)**
Nitrogen oxides emission related to urea broadcasting fertilization under conventional and no-tillage systems. *Pesquisa Agropecuaria Brasileira*, 41, 4, pp 679-685
<Go to ISI>://WOS:000238923300020
- de Medeiros, M., Pereira Nobrega, L.H., & Uribe Opazo, M.A. (2006)**
Quality and production of soybean seeds in no tillage and reduced tillage soil systems. *Acta Scientiarum Agronomy*, 28, 1, pp 83-89
<Go to ISI>://BIOSIS:PREV200600459813
- de Oliveira, V.M., Manfio, G.P., Coutinho, H.L.D., Keijzer-Wolters, A.C., & van Elsas, J.D. (2006)**
A ribosomal RNA gene intergenic spacer based PCR and DGGE fingerprinting method for the analysis of specific rhizobial communities in soil. *Journal of Microbiological Methods*, 64, 3, pp 366-379
<Go to ISI>://WOS:000235745000007
- de Souza Costa, F., Gomes, J., Bayer, C., & Mielniczuk, J. (2006)**
Methods for the assessment of greenhouse gases emissions in the soil-atmosphere system. *Ciencia Rural*, 36, 2, pp 693-700
<Go to ISI>://BIOSIS:PREV200600427302
- D'Emden, F.H., Llewellyn, R.S., & Burton, M.P. (2006)**
Adoption of conservation tillage in Australian cropping regions: An application of duration analysis. *Technological Forecasting and Social Change*, 73, 6, pp 630-647
<Go to ISI>://WOS:000238473500002
- Devine, W.D., Tyler, D.D., Mullen, M.D., Houston, A.E., Joslin, J.D., Hodges, D.G., Tolbert, V.R., & Walsh, M.E. (2006)**
Conversion from an American sycamore (*Platanus occidentalis* L.) biomass crop to a no-till corn (*Zea mays* L.) system: Crop yields and management implications. *Soil & Tillage Research*, 87, 1, pp 101-111
<Go to ISI>://WOS:000235863500011
- DeVuyst, E.A., Foissey, T., & Kegode, G.O. (2006)**
An economic comparison of alternative and traditional cropping systems in the northern Great Plains, USA. *Renewable Agriculture and Food Systems*, 21, 1, pp 68-73
<Go to ISI>://WOS:000235341600008
- Dharmakeerthi, R.S., Kay, B.D., & Beauchamp, E.G. (2006)**
Spatial variability of in-season nitrogen uptake by corn across a variable landscape as affected by management. *Agronomy Journal*, 98, 2, pp 255-264
<Go to ISI>://WOS:000236152400004
- dos Santos, H.P., Barreneche Lhamby, J.C., & Spera, S.T. (2006)**
Soybean yield associated to different soil tillage methods and crop rotations systems. *Ciencia Rural*, 36, 1, pp 21-29
<Go to ISI>://BIOSIS:PREV200600237271
- Drury, C.F., Reynolds, W.D., Tan, C.S., Welacky, T.W., Calder, W., & McLaughlin, N.B. (2006)**
Emissions of nitrous oxide and carbon dioxide: influence of tillage type and nitrogen placement depth. *Soil Science Society of America Journal*, 70, 2, pp 570-581
<Go to ISI>://WOS:000236009100029
- Duiker, S.W., Haldeman, J.E., & Johnson, D.H. (2006)**
Tillage x maize hybrid interactions. *Agronomy Journal*, 98, 3, pp 436-442
<Go to ISI>://WOS:000237867600004
- Etchevers, J.D., Prat, C., Balbontin, C., Bravo, M., & Martinez, M. (2006)**
Influence of land use on carbon sequestration and erosion in Mexico, a review. *Agronomy for Sustainable Development*, 26, 1, pp 21-28
<Go to ISI>://WOS:000236003300003
- Euliss, N.H., Gleason, R.A., Olness, A., McDougal, R.L., Murkin, H.R., Robarts, R.D., Bourbonniere, R.A., & Warner, B.G. (2006)**
North American prairie wetlands are important nonforested land-based carbon storage sites. *Science of the Total Environment*, 361, 1-3, pp 179-188
<Go to ISI>://WOS:000238142500017

- Farinelli, R., Lemos, L.B., Penariol, F.G., Egea, M.M., & Gasparoto, M.G. (2006)**
Nitrogen topdressing in common bean in no tillage and conventional tillage system. *Pesquisa Agropecuaria Brasileira*, 41, 2, pp 307-312
<Go to ISI>://WOS:000237532200016
- Ferreira da Silva, P.R., Argenta, G., Sangoi, L., Strieder, M.L., & Alves da Silva, A. (2006)**
Management strategies of winter cover crops to maize grown in succession in no-till system. *Ciencia Rural*, 36, 3, pp 1011-1020
<Go to ISI>://BIOSIS:PREV200600484549
- Ferreira da Silva, R., de Aquino, A.M., Mercante, F.M., & de Fatima Guimaraes, M. (2006)**
Population of earthworm (Annelida : Oligochaeta) in a Hapludox under soil used systems. *Ciencia Rural*, 36, 2, pp 673-677
<Go to ISI>://BIOSIS:PREV200600427297
- Filipovic, D., Husnjak, S., Kosutic, S., & Gospodaric, Z. (2006)**
Effects of tillage systems on compaction and crop yield of Albic Luvisol in Croatia. *Journal of Terramechanics*, 43, 2, pp 177-189
<Go to ISI>://WOS:000236564900007
- Foloni, J.S.S. & Rosolem, C.A. (2006)**
Effect of liming and ammonium sulfate on cotton. I - Cation and anion transport in the soil. *Revista Brasileira De Ciencia Do Solo*, 30, 3, pp 425-432
<Go to ISI>://WOS:000239083100004
- Foloni, J.S.S., Rosolem, C.A., & Garcia, R.A. (2006)**
Effect of liming and ammonium sulfate in cotton. II - Concentration of cations and anions in the soil solution and plant nutrient uptake. *Revista Brasileira De Ciencia Do Solo*, 30, 3, pp 433-442
<Go to ISI>://WOS:000239083100005
- Fontana, A., Pereira, M.G., Loss, A., Cunha, T.J.F., & Salton, J.C. (2006)**
Fertility properties and humic fractions in a Rhodic Ferralsol in Brazilian Cerrado. *Pesquisa Agropecuaria Brasileira*, 41, 5, pp 847-853
<Go to ISI>://WOS:000240555700018
- Fontaneli, R.S., Pereira dos Santos, H., & de Mori, C. (2006)**
Profitability and risk of production systems with pasture under no-tillage system. *Ciencia Rural*, 36, 1, pp 51-57
<Go to ISI>://BIOSIS:PREV200600237275
- Francia Martinez, J.R., Zuazo, V.H.D., & Raya, A.M. (2006)**
Environmental impact from mountainous olive orchards under different soil-management systems (SE Spain). *Science of the Total Environment*, 358, 1-3, pp 46-60
<Go to ISI>://BIOSIS:PREV200600408595
- Fu, G.B., Chen, S.L., & McCool, D.K. (2006)**
Modeling the impacts of no-till practice on soil erosion and sediment yield with RUSLE, SEDD, and ArcView GIS. *Soil & Tillage Research*, 85, 1-2, pp 38-49
<Go to ISI>://WOS:000234146700004
- Gallandt, E.R. (2006)**
How can we target the weed seedbank? *Weed Science*, 54, 3, pp 588-596
<Go to ISI>://WOS:000238440200028
- Geier, P.W., Stahlman, P.W., & Frihauf, J.C. (2006)**
KIH-485 and S-metolachlor efficacy comparisons in conventional and no-tillage corn. *Weed Technology*, 20, 3, pp 622-626
<Go to ISI>://WOS:000240969900011
- Ghosh, P.K., Mohanty, M., Bandyopadhyay, K.K., Painuli, D.K., & Misra, A.K. (2006)**
Growth, competition, yield advantage and economics in soybean/pigeonpea intercropping system in semi-arid tropics of India - I. Effect of subsoiling. *Field Crops Research*, 96, 1, pp 80-89
<Go to ISI>://WOS:000235502900010
- Glenn, S. & Meyers, R.D. (2006)**
Alfalfa management in no-tillage corn. *Weed Technology*, 20, 1, pp 86-89
<Go to ISI>://WOS:000236229200013
- Govaerts, B., Sayre, K.D., Ceballos-Ramirez, J.M., Luna-Guido, M.L., Limon-Ortega, A., Deckers, J., & Dendooven, L. (2006)**
Conventionally tilled and permanent raised beds with different crop residue management: Effects on soil C and N dynamics. *Plant and Soil*, 280, 1-2, pp 143-155
<Go to ISI>://WOS:000235575900015

- Govaerts, B., Sayre, K.D., & Deckers, J. (2006)**
A minimum data set for soil quality assessment of wheat and maize cropping in the highlands of Mexico. *Soil & Tillage Research*, 87, 2, pp 163-174
<Go to ISI>://WOS:000236748200004
- Green, S., Cavigelli, M., Dao, T., & Flanagan, D. (2006)**
Care needed in comparisons. *Bioscience*, 56, 6, pp 461-461
<Go to ISI>://WOS:000238180000002
- Gregorich, E.G., Beare, M.H., McKim, U.F., & Skjemstad, J.O. (2006)**
Chemical and biological characteristics of physically uncomplexed organic matter. *Soil Science Society of America Journal*, 70, 3, pp 975-985
<Go to ISI>://WOS:000237344500031
- Halvorson, A.D., Mosier, A.R., Reule, C.A., & Bausch, W.C. (2006)**
Nitrogen and tillage effects on irrigated continuous corn yields. *Agronomy Journal*, 98, 1, pp 63-71
<Go to ISI>://WOS:000235108100008
- Hemmat, A. & Eskandari, I. (2006)**
Dryland winter wheat response to conservation tillage in a continuous cropping system in northwestern Iran. *Soil & Tillage Research*, 86, 1, pp 99-109
<Go to ISI>://WOS:000235253500009
- Hultman, N.E. (2006)**
Geographic diversification of carbon risk - A methodology for assessing carbon investments using eddy correlation measurements. *Global Environmental Change-Human and Policy Dimensions*, 16, 1, pp 58-72
<Go to ISI>://WOS:000235424500008
- Janovicek, K.J., Deen, W., & Vyn, T.J. (2006)**
Soybean response to zone tillage, twin-row planting, and row spacing. *Agronomy Journal*, 98, 3, pp 800-807
<Go to ISI>://WOS:000237867600046
- Johnson, J.M.F., Allmaras, R.R., & Reicosky, D.C. (2006)**
Estimating source carbon from crop residues, roots and rhizodeposits using the national grain-yield database. *Agronomy Journal*, 98, 3, pp 622-636
<Go to ISI>://WOS:000237867600025
- Judice, W.E., Griffin, J.L., Jones, C.A., Etheredge, L.M., & Salassi, M.E. (2006)**
Weed control and economics using reduced tillage programs in sugarcane. *Weed Technology*, 20, 2, pp 319-325
<Go to ISI>://WOS:000238476300007
- Jurik, T.W. (2006)**
Microtopography, microenvironments, and weed populations in ridge-tilled soybean. *Weed Technology*, 20, 3, pp 593-604
<Go to ISI>://WOS:000240969900007
- Kahlown, M.A., Azam, M., & Kemper, W.D. (2006)**
Soil management strategies for rice-wheat rotations in Pakistan's Punjab. *Journal of Soil and Water Conservation*, 61, 1, pp 40-44
<Go to ISI>://WOS:000234740200012
- Kaschuk, G., Hungria, M., Andrade, D.S., & Campo, R.J. (2006)**
Genetic diversity of rhizobia associated with common bean (*Phaseolus vulgaris* L.) grown under no-tillage and conventional systems in Southern Brazil. *Applied Soil Ecology*, 32, 2, pp 210-220
<Go to ISI>://WOS:000237904500006
- Kaschuk, G., Hungria, M., Santos, J.C.P., & Berton, J.F. (2006)**
Differences in common bean rhizobial populations associated with soil tillage management in southern Brazil. *Soil & Tillage Research*, 87, 2, pp 205-217
<Go to ISI>://WOS:000236748200008
- Kaspar, T.C., Parkin, T.B., Jaynes, D.B., Cambardella, C.A., Meek, D.W., & Jung, Y.S. (2006)**
Examining changes in soil organic carbon with oat and rye cover crops using terrain covariates. *Soil Science Society of America Journal*, 70, 4, pp 1168-1177
<Go to ISI>://WOS:000238735700011
- Kegode, G.O. & Forcella, F. (2006)**
Tillage effect on reproductive output by foxtail cohorts in corn and soybean. *Weed Science*, 54, 3, pp 419-427
<Go to ISI>://WOS:000238440200004
- Kennedy, A.C. & Schillinger, W.F. (2006)**

- Soil quality and water intake in traditional-till vs. no-till paired farms in Washington's Palouse region. *Soil Science Society of America Journal*, 70, 3, pp 940-949
<Go to ISI>://WOS:000237344500027
- Kim, J.D., Kim, S.G., & Kwon, C.H. (2006)**
Effect of tillage system and fertilizer type on the forage yield, quality, and production cost of winter rye. *Journal of Animal Science and Technology*, 48, 1, pp 115-122
<Go to ISI>://BIOSIS:PREV200600293963
- Koch, H.J., Pringas, C., & Maerlaender, B. (2006)**
Evaluation of environmental and management effects on Fusarium head blight infection and deoxynivalenol concentration in the grain of winter wheat. *European Journal of Agronomy*, 24, 4, pp 357-366
<Go to ISI>://WOS:000237179200009
- Koch, H.J. & Stockfisch, N. (2006)**
Loss of soil organic matter upon ploughing under a loess soil after several years of conservation tillage. *Soil & Tillage Research*, 86, 1, pp 73-83
<Go to ISI>://WOS:000235253500007
- Kurkalova, L., Kling, C., & Zhao, J.H. (2006)**
Green subsidies in agriculture: Estimating the adoption costs of conservation tillage from observed behavior. *Canadian Journal of Agricultural Economics-Revue Canadienne D Agroeconomie*, 54, 2, pp 247-267
<Go to ISI>://WOS:000237062300004
- Kwaw-Mensah, D. & Al-Kaisi, M. (2006)**
Tillage and nitrogen source and rate effects on corn response in corn-soybean rotation. *Agronomy Journal*, 98, 3, pp 507-513
<Go to ISI>://WOS:000237867600011
- Lampurlanes, J. & Cantero-Martinez, C. (2006)**
Hydraulic conductivity, residue cover and soil surface roughness under different tillage systems in semiarid conditions. *Soil & Tillage Research*, 85, 1-2, pp 13-26
<Go to ISI>://WOS:000234146700002
- Lange, A., Nunes de Carvalho, J.L., Damin, V., Cruz, J.C., & Marques, J.J. (2006)**
Changes in soil properties due to application of nitrogen and straw in maize grown under no-till system. *Ciencia Rural*, 36, 2, pp 460-467
<Go to ISI>://BIOSIS:PREV200600427262
- Lankoski, J., Ollikainen, M., & Uusitalo, P. (2006)**
No-till technology: benefits to farmers and the environment? Theoretical analysis and application to Finnish agriculture. *European Review of Agricultural Economics*, 33, 2, pp 193-221
<Go to ISI>://WOS:000238761900004
- Lee, J., Six, J., King, A.P., Van Kessel, C., & Rolston, D.E. (2006)**
Tillage and field scale controls on greenhouse gas emissions. *Journal of Environmental Quality*, 35, 3, pp 714-725
<Go to ISI>://WOS:000237576700004
- Liebig, M., Carpenter-Boggs, L., Johnson, J.M.F., Wright, S., & Barbour, N. (2006)**
Cropping system effects on soil biological characteristics in the Great Plains. *Renewable Agriculture and Food Systems*, 21, 1, pp 36-48
<Go to ISI>://WOS:000235341600005
- Limon-Ortega, A., Govaerts, B., Deckers, J., & Sayre, K.D. (2006)**
Soil aggregate and microbial biomass in a permanent bed wheat-maize planting system after 12 years. *Field Crops Research*, 97, 2-3, pp 302-309
<Go to ISI>://WOS:000236485500019
- Lin, X.-q. & Zhu, D.-f. (2006)**
Growth characteristics and yield of hybrid rice under no-tillage and maize straw residue mulching. *Zhongguo Shuidao Kexue*, 20, 4, pp 411-416
<Go to ISI>://BIOSIS:PREV200600573321
- Lithourgidis, A.S., Dhima, K.V., Damalas, C.A., Vasilakoglou, I.B., & Eleftherohorinos, I.G. (2006)**
Tillage effects on wheat emergence and yield at varying seeding rates, and on labor and fuel consumption. *Crop Science*, 46, 3, pp 1187-1192
<Go to ISI>://WOS:000237375900022
- Liu, X.J., Mosier, A.R., Halvorson, A.D., & Zhang, F.S. (2006)**
The impact of nitrogen placement and tillage on NO, N₂O, CH₄ and CO₂ fluxes from a clay loam soil. *Plant and Soil*, 280, 1-2, pp 177-188
<Go to ISI>://WOS:000235575900018

Luchsinger, A., Villa, R., Ocqueteau, G., & Suter, F. (2006)

Sowing with traditional and zero tillage by means of an adapted cereal seeder and two row spacings in green and dry bean cultivars. *Idesia*, 24, 2, pp 77-84

<Go to ISI>://BIOSIS:PREV200700061925

Lucizano Garcia, M.R., Mano de Mello, L.M., & Rodrigues Cassiolato, A.M. (2006)

Microbial biomass-c, evolved CO₂-C, mycorrhizal colonization, soil fertility and corn yield under different soil management and liming. *Acta Scientiarum Agronomy*, 28, 1, pp 23-28

<Go to ISI>://BIOSIS:PREV200600459804

Lupwayi, N.Z., Clayton, G.W., O'Donovan, J.T., Harker, K.N., Turkington, T.K., & Soon, Y.K. (2006)

Nitrogen release during decomposition of crop residues under conventional and zero tillage. *Canadian Journal of Soil Science*, 86, 1, pp 11-19

<Go to ISI>://WOS:000239202000002

Lupwayi, N.Z., Clayton, G.W., O'Donovan, J.T., Harker, K.N., Turkington, T.K., & Soon, Y.K. (2006)

Potassium release during decomposition of crop residues under conventional and zero tillage. *Canadian Journal of Soil Science*, 86, 3, pp 473-481

<Go to ISI>://WOS:000240051100011

Machado, P., Bernardi, A.C.D., Valencia, L.I.O., Molin, J.P., Gimenez, L.M., Silva, C.A., de Andrade, A.G., Madari, B.E., & Meirelles, M.S.P. (2006)

Electrical conductivity mapping in relation to clay of a Ferralsol under no tillage system. *Pesquisa Agropecuaria Brasileira*, 41, 6, pp 1023-1031

<Go to ISI>://WOS:000240499500019

Mallarino, A.P. & Borges, R. (2006)

Phosphorus and potassium distribution in soil following long-term deep-band fertilization in different tillage systems. *Soil Science Society of America Journal*, 70, 2, pp 702-707

<Go to ISI>://WOS:000236009100042

Marcolan, A.L. & Anghinoni, I. (2006)

Physical attributes of an ultisol and crop yield as affected by soil mobilization in no-tillage system. *Revista Brasileira De Ciencia Do Solo*, 30, 1, pp 163-170

<Go to ISI>://WOS:000236040100016

Martins da Silva, M., Alves, M.C., de Padua Sousa, A., & Silva Fernandes, F.C. (2006)

The impact of management on the physical and hydrological attributes of a dark-red latosol under cerrado in Selviria, State of Mato Grosso do Sul. *Acta Scientiarum Agronomy*, 28, 1, pp 13-22

<Go to ISI>://BIOSIS:PREV200600459803

McCoy, A.J., Parkin, G., Wagner-Riddle, C., Warland, J., Lauzon, J., von Bertoldi, P., Fallow, D., & Jayasundara, S. (2006)

Using automated soil water content measurements to estimate soil water budgets. *Canadian Journal of Soil Science*, 86, 1, pp 47-56

<Go to ISI>://WOS:000239202000005

McVay, K.A., Budde, J.A., Fabrizzi, K., Mikha, M.M., Rice, C.W., Schlegel, A.J., Peterson, D.E., Sweeney, D.W., & Thompson, C. (2006)

Management effects on soil physical properties in long-term tillage studies in Kansas. *Soil Science Society of America Journal*, 70, 2, pp 434-438

<Go to ISI>://WOS:000236009100013

Merrill, S.D., Krupinsky, J.M., Tanaka, D.L., & Anderson, R.L. (2006)

Soil coverage by residue as affected by ten crop species under no-till in the northern Great Plains. *Journal of Soil and Water Conservation*, 61, 1, pp 7-13

<Go to ISI>://WOS:000234740200008

Mert, M., Aslan, E., Akiscan, Y., & Caliskan, M.E. (2006)

Response of cotton (*Gossypium hirsutum* L.) to different tillage systems and intra-row spacing. *Soil & Tillage Research*, 85, 1-2, pp 221-228

<Go to ISI>://WOS:000234146700020

Micucci, F.G. & Taboada, M.A. (2006)

Soil physical properties and soybean (*Glycine max*, Merrill) root abundance in conventionally- and zero-tilled soils in the humid Pampas of Argentina. *Soil & Tillage Research*, 86, 2, pp 152-162

<Go to ISI>://WOS:000235577500003

Mikha, M.M., Vigil, M.F., Liebig, M.A., Bowman, R.A., McConkey, B., Deibert, E.J., & Pikul, J.L. (2006)

Cropping system influences on soil chemical properties and soil quality in the Great Plains. *Renewable Agriculture and Food Systems*, 21, 1, pp 26-35

<Go to ISI>://WOS:000235341600004

- Milori, D., Galeti, H.V.A., Martin-Neto, L., Dieckow, J., Gonzalez-Perez, M., Bayer, C., & Salton, J. (2006)**
Organic matter study of whole soil samples using laser-induced fluorescence spectroscopy. *Soil Science Society of America Journal*, 70, 1, pp 57-63
<Go to ISI>://WOS:000235088200007
- Mohanty, M., Painuli, D.K., Misra, A.K., Bandyopadhyaya, K.K., & Ghosh, P.K. (2006)**
Estimating impact of puddling, on wheat (*Triticum aestivum*, L.) tillage and residue management seedling emergence and growth in a rice-wheat system using nonlinear regression models. *Soil & Tillage Research*, 87, 1, pp 119-130
<Go to ISI>://WOS:000235863500013
- Mohler, C.L., Frisch, J.C., & McCulloch, C.E. (2006)**
Vertical movement of weed seed surrogates by tillage implements and natural processes. *Soil & Tillage Research*, 86, 1, pp 110-122
<Go to ISI>://WOS:000235253500010
- Monneveux, P., Quillerou, E., Sanchez, C., & Lopez-Cesati, J. (2006)**
Effect of zero tillage and residues conservation on continuous maize cropping in a subtropical environment (Mexico). *Plant and Soil*, 279, 1-2, pp 95-105
<Go to ISI>://WOS:000235340600010
- Moreira, S.G., Prochnow, L.I., Kiehl, J.D., Neto, L.M., & Pauletti, V. (2006)**
Chemical forms in soils and bioavailability of manganese to soybean under no-tillage. *Revista Brasileira De Ciencia Do Solo*, 30, 1, pp 121-136
<Go to ISI>://WOS:000236040100013
- Moreno, F., Murillo, J.M., Pelegrin, F., & Giron, I.F. (2006)**
Long-term impact of conservation tillage on stratification ratio of soil organic carbon and loss of total and active CaCO₃. *Soil & Tillage Research*, 85, 1-2, pp 86-93
<Go to ISI>://WOS:000234146700008
- Moret, D., Arrue, J.L., Lopez, M.V., & Gracia, R. (2006)**
Influence of fallowing practices on soil water and precipitation storage efficiency in semiarid Aragon (NE Spain). *Agricultural Water Management*, 82, 1-2, pp 161-176
<Go to ISI>://WOS:000236426500010
- Morris, L.A., Ludovici, K.H., Torreano, S.J., Carter, E.A., Lincoln, M.C., & Will, R.E. (2006)**
An approach for using general soil physical condition-root growth relationships to predict seedling growth response to site preparation tillage in loblolly pine plantations. *Forest Ecology and Management*, 227, 1-2, pp 169-177
<Go to ISI>://WOS:000237549900019
- Motobayashi, T., Ishijima, C., Takagi, M., Murakami, M., Taguchi, A., Hidaka, K., & Kunimi, Y. (2006)**
Effects of tillage practices on spider assemblage in rice paddy fields. *Applied Entomology and Zoology*, 41, 2, pp 371-381
<Go to ISI>://WOS:000238903300023
- Mummey, D., Holben, W., Six, J., & Stahl, P. (2006)**
Spatial stratification of soil bacterial populations in aggregates of diverse soils. *Microbial Ecology*, 51, 3, pp 404-411
<Go to ISI>://WOS:000238173100015
- Mummey, D.L., Rillig, M.C., & Six, J. (2006)**
Endogeic earthworms differentially influence bacterial communities associated with different soil aggregate size fractions. *Soil Biology & Biochemistry*, 38, 7, pp 1608-1614
<Go to ISI>://WOS:000239946100011
- Murillo, J.M., Moreno, F., Madejon, E., Giron, I.F., & Pelegrin, F. (2006)**
Improving soil surface properties: a driving force for conservation tillage under semi-arid conditions. *Spanish Journal of Agricultural Research*, 4, 1, pp 97-104
<Go to ISI>://WOS:000237283700011
- Murphy, C.E. & Lemerle, D. (2006)**
Continuous cropping systems and weed selection. *Euphytica*, 148, 1-2, pp 61-73
<Go to ISI>://WOS:000238016900006
- Murphy, S.D., Clements, D.R., Belaoussoff, S., Kevan, P.G., & Swanton, C.J. (2006)**
Promotion of weed species diversity and reduction of weed seedbanks with conservation tillage and crop rotation. *Weed Science*, 54, 1, pp 69-77
<Go to ISI>://WOS:000234766900009
- Murphy, S.D., Clements, D.R., Belaoussoff, S., Kevan, P.G., & Swanton, C.J. (2006)**
Promotion of weed species diversity and reduction of weed seedbanks with conservation tillage and crop rotation (vol 54, pg 69, 2006). *Weed Science*, 54, 3, pp 606-606
<Go to ISI>://WOS:000238440200031

- Nakamoto, T., Yamagishi, J., & Miura, E. (2006)**
Effect of reduced tillage on weeds and soil organisms in winter wheat and summer maize cropping on Humic Andosols in Central Japan. *Soil & Tillage Research*, 85, 1-2, pp 94-106
<Go to ISI>://WOS:000234146700009
- Nelson, M.A., Griffith, S.M., & Steiner, J.J. (2006)**
Tillage effects on nitrogen dynamics and grass seed crop production in Western Oregon, USA. *Soil Science Society of America Journal*, 70, 3, pp 825-831
<Go to ISI>://WOS:000237344500014
- Nemes, A., Wosten, J.H.M., Bouma, J., & Varallyay, G. (2006)**
Soil water balance scenario studies using predicted soil hydraulic parameters. *Hydrological Processes*, 20, 5, pp 1075-1094
<Go to ISI>://WOS:000236403700004
- Nolla, A. & Anghinoni, I. (2006)**
Liming criteria for soybean in established no-tillage system. *Revista Brasileira De Ciencia Do Solo*, 30, 3, pp 475-483
<Go to ISI>://WOS:000239083100009
- Nunes, U.R., Andrade, V.C., Silva, E.D., Santos, N.F., Costa, H.A.O., & Ferreira, C.A. (2006)**
Covering crops straw production and common bean productivity in no-tillage system. *Pesquisa Agropecuaria Brasileira*, 41, 6, pp 943-948
<Go to ISI>://WOS:000240499500007
- Olk, D.C. & Gregorich, E.G. (2006)**
Overview of the symposium proceedings, "Meaningful pools in determining soil carbon and nitrogen dynamics". *Soil Science Society of America Journal*, 70, 3, pp 967-974
<Go to ISI>://WOS:000237344500030
- Omonode, R.A., Gal, A., Stott, D.E., Abney, T.S., & Vyn, T.J. (2006)**
Short-term versus continuous chisel and no-till effects on soil carbon and nitrogen. *Soil Science Society of America Journal*, 70, 2, pp 419-425
<Go to ISI>://WOS:000236009100011
- Osborne, S.L. & Riedell, W.E. (2006)**
Soybean growth response to low rates of nitrogen applied at planting in the northern Great Plains. *Journal of Plant Nutrition*, 29, 6, pp 985-1002
<Go to ISI>://WOS:000238677300002
- Osuna-Ceja, E.S., Figueroa-Sandoval, B., Oleschko, K., Flores-Delgadillo, M.L., Martinez-Menes, M.R., & Gonzalez-Cossio, F.V. (2006)**
Effect of soil structure on corn root development under two tillage systems. *Agrociencia*, 40, 1, pp 27-38
<Go to ISI>://WOS:000234724200003
- Otten, W. & Gilligan, C.A. (2006)**
Soil structure and soil-borne diseases: using epidemiological concepts to scale from fungal spread to plant epidemics. *European Journal of Soil Science*, 57, 1, pp 26-37
<Go to ISI>://WOS:000234919300004
- Ozpinar, S. & Cay, A. (2006)**
Effect of different tillage systems on the quality and crop productivity of a clay-loam soil in semi-arid north-western Turkey. *Soil & Tillage Research*, 88, 1-2, pp 95-106
<Go to ISI>://WOS:000237833000010
- Paudel, K.P., Lohr, L., & Cabrera, M. (2006)**
Residue management systems and their implications for production efficiency. *Renewable Agriculture and Food Systems*, 21, 2, pp 124-133
<Go to ISI>://WOS:000237394500006
- Peachey, B.E., William, R.D., & Mallory-Smith, C. (2006)**
Effect of spring tillage sequence on summer annual weeds in vegetable row crop rotations. *Weed Technology*, 20, 1, pp 204-214
<Go to ISI>://WOS:000236229200031
- Pereira Milori, D.M.B., Avanco Galeti, H.V., Martin-Neto, L., Dieckow, J., Gonzalez-Perez, M., Bayer, C., & Salton, J. (2006)**
Organic matter study of whole soil samples using laser-induced fluorescence spectroscopy. *Soil Science Society of America Journal*, 70, 1, pp 57-63
<Go to ISI>://BIOSIS:PREV200600253363
- Peters, R.D., Carter, M.R., Sanderson, J.B., & Sturz, A.V. (2006)**

Increasing the sustainability of potato production, in Atlantic Canada, with crop rotation and conservation tillage. Canadian Journal of Plant Pathology-*Revue Canadienne De Phytopathologie*, 28, 2, pp 328-328
<Go to ISI>://WOS:000242391000053

Peth, S. & Horn, R. (2006)

The mechanical behavior of structured and homogenized soil under repeated loading. *Journal of Plant Nutrition and Soil Science-Zeitschrift Fur Pflanzenernahrung Und Bodenkunde*, 169, 3, pp 401-410
<Go to ISI>://WOS:000238588500012

Pikul, J.L., Schwartz, R.C., Benjamin, J.G., Baumhardt, R.L., & Merrill, S. (2006)

Cropping system influences on soil physical properties in the Great Plains. *Renewable Agriculture and Food Systems*, 21, 1, pp 15-25
<Go to ISI>://WOS:000235341600003

Pinheiro, B.D., de Castro, E.D.M., & Guimaraes, C.M. (2006)

Sustainability and profitability of aerobic rice production in Brazil. *Field Crops Research*, 97, 1, pp 34-42
<Go to ISI>://WOS:000236164100004

Poch, R.M., Hopmans, J.W., Six, J.W., Rolston, D.E., & McIntyre, J.L. (2006)

Considerations of a field-scale soil carbon budget for furrow irrigation. *Agriculture Ecosystems & Environment*, 113, 1-4, pp 391-398
<Go to ISI>://WOS:000235765100040

Potthoff, M., Steenwerth, K.L., Jackson, L.E., Drenovsky, R.E., Scow, K.M., & Joergensen, R.G. (2006)

Soil microbial community composition as affected by restoration practices in California grassland. *Soil Biology & Biochemistry*, 38, 7, pp 1851-1860
<Go to ISI>://WOS:000239946100035

Pritchard, S.G., Prior, S.A., Rogers, H.H., Davis, M.A., Runion, G.B., & Popham, T.W. (2006)

Effects of elevated atmospheric CO₂ on root dynamics and productivity of sorghum grown under conventional and conservation agricultural management practices. *Agriculture Ecosystems & Environment*, 113, 1-4, pp 175-183
<Go to ISI>://WOS:000235765100016

Qin, R.J., Stamp, P., & Richner, W. (2006)

Impact of tillage on maize rooting in a Cambisol and Luvisol in Switzerland. *Soil & Tillage Research*, 85, 1-2, pp 50-61
<Go to ISI>://WOS:000234146700005

Ram, M., Om, H., Dhiman, S.D., & Nandal, D.P. (2006)

Productivity and economics of rice (*Oryza sativa*)-wheat (*Triticum aestivum*) cropping system as affected by establishment methods and tillage practices. *Indian Journal of Agronomy*, 51, 2, pp 77-80
<Go to ISI>://BIOSIS:PREV200600633084

Ramsdale, B.K., Kegode, G.O., Messersmith, C.G., Nalewaja, J.D., & Nord, C.A. (2006)

Long-term effects of spring wheat-soybean cropping systems on weed populations. *Field Crops Research*, 97, 2-3, pp 197-208
<Go to ISI>://WOS:000236485500009

Reddy, K.N., Locke, M.A., Koger, C.H., Zablotowicz, R.M., & Krutz, L.J. (2006)

Cotton and corn rotation under reduced tillage management: impacts on soil properties, weed control, yield, and net return. *Weed Science*, 54, 4, pp 768-774
<Go to ISI>://WOS:000239469200022

Reynolds, M.P. & Borlaug, N.E. (2006)

Applying innovations and new technologies for international collaborative wheat improvement. *Journal of Agricultural Science*, 144, pp 95-110
<Go to ISI>://WOS:000237983900001

Riley, H. (2006)

Recent yield results and trends over time with conservation tillage on morainic loam soil in southeast Norway. *Acta Agriculturae Scandinavica Section B-Soil and Plant Science*, 56, 2, pp 117-128
<Go to ISI>://WOS:000237646200006

Rodriguez, E., Fernandez-Anero, F.J., Ruiz, P., & Campos, M. (2006)

Soil arthropod abundance under conventional and no tillage in a Mediterranean climate. *Soil & Tillage Research*, 85, 1-2, pp 229-233
<Go to ISI>://WOS:000234146700021

Rudrappa, L., Purakayastha, T.J., Singh, D., & Bhadraray, S. (2006)

Long-term manuring and fertilization effects on soil organic carbon pools in a Typic Haplustep of semi-arid sub-tropical India. *Soil & Tillage Research*, 88, 1-2, pp 180-192
<Go to ISI>://WOS:000237833000019

- Ruy, S., Findeling, A., & Chadoeuf, J. (2006)**
Effect of mulching techniques on plot scale runoff: FDTF modeling and sensitivity analysis. *Journal of Hydrology*, 326, 1-4, pp 277-294
<Go to ISI>://WOS:000238776800016
- Sainju, U.M., Lenssen, A., Caesar-Tonthat, T., & Waddell, J. (2006)**
Tillage and crop rotation effects on dryland soil and residue carbon and nitrogen. *Soil Science Society of America Journal*, 70, 2, pp 668-678
<Go to ISI>://WOS:000236009100039
- Sangillo, A., Kiemle, S., & Persons, M. (2006)**
Habitat preference and movement of the wolf spider pardosa milvina in a crop system. *Journal of the Pennsylvania Academy of Science*, 79, pp 123
<Go to ISI>://BIOSIS:PREV200600490614
- Sasal, M.C., Andriulo, A.E., & Taboada, M.A. (2006)**
Soil porosity characteristics and water movement under zero tillage in silty soils in Argentinian Pampas. *Soil & Tillage Research*, 87, 1, pp 9-18
<Go to ISI>://WOS:000235863500002
- Schalamuk, S., Velazquez, S., Chidichimo, H., & Cabello, M. (2006)**
Fungal spore diversity of arbuscular mycorrhizal fungi associated with spring wheat: effects of tillage. *Mycologia*, 98, 1, pp 16-22
<Go to ISI>://WOS:000238344100002
- Schimandei, A., Weirich Neto, P.H., Gimenez, L.M., Colet, M.J., & Garbuio, P.W. (2006)**
Longitudinal distribution of corn plants (*Zea mays* L.) in the region of Campos Gerais, Parana. *Ciencia Rural*, 36, 3, pp 977-980
<Go to ISI>://BIOSIS:PREV200600484540
- Schneider, O., Roger-Estrade, J., Aubertot, J.N., & Dore, T. (2006)**
Effect of seeders and tillage equipment on vertical distribution of oilseed rape stubble. *Soil & Tillage Research*, 85, 1-2, pp 115-122
<Go to ISI>://WOS:000234146700011
- Schomberg, H.H., Endale, D.M., Calegari, A., Peixoto, R., Miyazawa, M., & Cabrera, M.L. (2006)**
Influence of cover crops on potential nitrogen availability to succeeding crops in a Southern Piedmont soil. *Biology and Fertility of Soils*, 42, 4, pp 299-307
<Go to ISI>://WOS:000235912800003
- Schwab, G.J., Whitney, D.A., Kilgore, G.L., & Sweeney, D.W. (2006)**
Tillage and phosphorus management effects on crop production in soils with phosphorus stratification. *Agronomy Journal*, 98, 3, pp 430-435
<Go to ISI>://WOS:000237867600003
- Seo, J.H., Meisinger, I.J., & Lee, H.J. (2006)**
Recovery of nitrogen-15-labeled hairy vetch and fertilizer applied to corn. *Agronomy Journal*, 98, 2, pp 245-254
<Go to ISI>://WOS:000236152400003
- Shigaki, F., Sharpley, A., & Prochnow, L.I. (2006)**
Animal-based agriculture, phosphorus management and water quality in Brazil: Options for the future. *Scientia Agricola*, 63, 2, pp 194-209
<Go to ISI>://WOS:000237405700013
- Shukla, M.K., Lal, R., & Ebinger, M. (2006)**
Determining soil quality indicators by factor analysis. *Soil & Tillage Research*, 87, 2, pp 194-204
<Go to ISI>://WOS:000236748200007
- Siemens, M.C. & Wilkins, D.E. (2006)**
Effect of residue management methods on no-till drill performance. *Applied Engineering in Agriculture*, 22, 1, pp 51-60
<Go to ISI>://WOS:000235629200008
- Singh, B. & Malhi, S.S. (2006)**
Response of soil physical properties to tillage and residue management on two soils in a cool temperate environment. *Soil & Tillage Research*, 85, 1-2, pp 143-153
<Go to ISI>://WOS:000234146700013
- Singh, S.S., Prasad, L.K., & Upadhyaya, A. (2006)**
Root growth, yield and economics of wheat (*Triticum aestivum*) as affected by irrigation and tillage practices in south Bihar. *Indian Journal of Agronomy*, 51, 2, pp 131-134
<Go to ISI>://BIOSIS:PREV200600633098

- Six, J., Frey, S.D., Thiet, R.K., & Batten, K.M. (2006)**
Bacterial and fungal contributions to carbon sequestration in agroecosystems. *Soil Science Society of America Journal*, 70, 2, pp 555-569
<Go to ISI>://WOS:000236009100028
- Soon, Y.K., Brandt, S.A., & Malhi, S.S. (2006)**
Nitrogen supply of a Dark Brown Chernozem soil and its utilization by wheat. *Canadian Journal of Soil Science*, 86, 3, pp 483-491
<Go to ISI>://WOS:000240051100012
- Soratto, R.P., de Carvalho, M.A.C., & Arf, O. (2006)**
Sidedressing nitrogen on common bean grown under no-tillage system. *Revista Brasileira De Ciencia Do Solo*, 30, 2, pp 259-266
<Go to ISI>://WOS:000237402200007
- Sosnoskie, L.M., Herms, N.P., & Cardina, J. (2006)**
Weed seedbank community composition in a 35-yr-old tillage and rotation experiment. *Weed Science*, 54, 2, pp 263-273
<Go to ISI>://WOS:000236728600010
- Steinbach, H.S. & Alvarez, R. (2006)**
Changes in soil organic carbon contents and nitrous oxide emissions after introduction of no-till in Pampean agroecosystems. *Journal of Environmental Quality*, 35, 1, pp 3-13
<Go to ISI>://WOS:000235085000003
- Stone, L.F., da Silveira, P.M., Moreira, J.A.A., & Braz, A. (2006)**
Evapotranspiration of irrigated common bean under no-tillage on different cover crop mulches. *Pesquisa Agropecuaria Brasileira*, 41, 4, pp 577-582
<Go to ISI>://WOS:000238923300005
- Swanton, C.J., Booth, B.D., Chandler, K., Clements, D.R., & Shrestha, A. (2006)**
Management in a modified no-tillage corn-soybean-wheat rotation influences weed population and community dynamics. *Weed Science*, 54, 1, pp 47-58
<Go to ISI>://WOS:000234766900007
- Tariq, M.Y., Afzal, S., & Hussain, I. (2006)**
Degradation and persistence of cotton pesticides in sandy loam soils from Punjab, Pakistan. *Environmental Research*, 100, 2, pp 184-196
<Go to ISI>://WOS:000235316400006
- Tarkalson, D.D., Hergert, G.W., & Cassman, K.G. (2006)**
Long-term effects of tillage on soil chemical properties and grain yields of a dryland winter wheat-sorghum/corn-fallow rotation in the great plains. *Agronomy Journal*, 98, 1, pp 26-33
<Go to ISI>://WOS:000235108100004
- Tarkalson, D.D., Payero, J.O., Hergert, G.W., & Cassman, K.G. (2006)**
Acidification of soil in a dry land winter wheat-sorghum/corn-fallow rotation in the semiarid US Great Plains. *Plant and Soil*, 283, 1-2, pp 367-379
<Go to ISI>://WOS:000239042200031
- Tavares-Filho, J., de Batista Fonseca, I.C., Ribon, A.A., & de Cesare Barbosa, G.M. (2006)**
The soil scarification effects in hydraulic conductivity of the Red Latosol (Oxisol) under No-tillage system. *Ciencia Rural*, 36, 3, pp 996-999
<Go to ISI>://BIOSIS:PREV200600484545
- Terra, J.A., Shaw, J.N., Reeves, D.W., Raper, R.L., van Santen, E., Schwab, E.B., & Mask, P.L. (2006)**
Soil management and landscape variability affects field-scale cotton productivity. *Soil Science Society of America Journal*, 70, 1, pp 98-107
<Go to ISI>://WOS:000235088200013
- Thiet, R.K., Frey, S.D., & Six, J. (2006)**
Do growth yield efficiencies differ between soil microbial communities differing in fungal: bacterial ratios? Reality check and methodological issues. *Soil Biology & Biochemistry*, 38, 4, pp 837-844
<Go to ISI>://WOS:000237051600022
- Timper, P., Davis, R.F., & Tillman, P.G. (2006)**
Reproduction of *Meloidogyne incognita* on winter cover crops used in cotton production. *Journal of Nematology*, 38, 1, pp 83-89
<Go to ISI>://WOS:000240273200012
- VandenBygaart, A.J. & Angers, D.A. (2006)**
Towards accurate measurements of soil organic carbon stock change in agroecosystems. *Canadian Journal of Soil Science*, 86, 3, pp 465-471

<Go to ISI>://WOS:000240051100010

- Varvel, G., Riedell, W., Deibert, E., McConkey, B., Tanaka, D., Vigil, M., & Schwartz, R. (2006)**
Great Plains cropping system studies for soil quality assessment. *Renewable Agriculture and Food Systems*, 21, 1, pp 3-14
<Go to ISI>://WOS:000235341600002
- Vick, C.M., Bond, J.P., Chong, S.K., & Russin, J.S. (2006)**
Response of soybean sudden death syndrome to tillage and cultivar. *Canadian Journal of Plant Pathology-Revue Canadienne De Phytopathologie*, 28, 1, pp 77-83
<Go to ISI>://WOS:000238345900008
- Vogeler, I., Horn, R., Wetzels, H., & Krummelbein, J. (2006)**
Tillage effects on soil strength and solute transport. *Soil & Tillage Research*, 88, 1-2, pp 193-204
<Go to ISI>://WOS:000237833000020
- Wairiu, M. & Lal, R. (2006)**
Tillage and land use effects on soil microporosity in Ohio, USA and Kolombangara, Solomon Islands. *Soil & Tillage Research*, 88, 1-2, pp 80-84
<Go to ISI>://WOS:000237833000008
- Wang, P., Durkalski, J.T., Yu, W.T., Hoitink, H.A.J., & Dick, W.A. (2006)**
Agronomic and soil responses to compost and manure amendments under different tillage systems. *Soil Science*, 171, 6, pp 456-467
<Go to ISI>://WOS:000238831500003
- Wang, X.B., Enema, O., Hoogmed, W.B., Perdok, U.D., & Cai, D.X. (2006)**
Dust storm erosion and its impact on soil carbon and nitrogen losses in northern China. *Catena*, 66, 3, pp 221-227
<Go to ISI>://WOS:000238777800004
- Weber, J.B., Taylor, K.A., & Wilkerson, G.G. (2006)**
Soil cover and tillage influenced metolachlor mobility and dissipation in field lysimeters. *Agronomy Journal*, 98, 1, pp 19-25
<Go to ISI>://WOS:000235108100003
- Wortmann, C.S., Xerinda, S.A., & Mamo, M. (2006)**
No-till row crop response to starter fertilizer in eastern Nebraska: II. Rainfed grain sorghum. *Agronomy Journal*, 98, 1, pp 187-193
<Go to ISI>://WOS:000235108100024
- Wortmann, C.S., Xerinda, S.A., Mamo, M., & Shapiro, C.A. (2006)**
No-till row crop response to starter fertilizer in eastern Nebraska: I. Irrigated and rainfed corn. *Agronomy Journal*, 98, 1, pp 156-162
<Go to ISI>://WOS:000235108100020
- Wu, T.Y., Schoenau, J.J., Li, F.M., Qian, P.Y., Malhi, S.S., & Shi, Y.C. (2006)**
Influence of tillage and rotation systems on distribution of organic carbon associated with particle-size fractions in Chernozemic soils of Saskatchewan, Canada. *Biology and Fertility of Soils*, 42, 4, pp 338-344
<Go to ISI>://WOS:000235912800008
- Yates, A.G., Bailey, R.C., & Schwindt, J.A. (2006)**
No-till cultivation improves stream ecosystem quality. *Journal of Soil and Water Conservation*, 61, 1, pp 14-19
<Go to ISI>://WOS:000234740200009
- Yoo, G. & Wander, M.M. (2006)**
Influence of tillage practices on soil structural controls over carbon mineralization. *Soil Science Society of America Journal*, 70, 2, pp 651-659
<Go to ISI>://WOS:000236009100037
- Young, F.L., Thorne, M.E., & Young, D.L. (2006)**
Nitrogen fertility and weed management critical for continuous no-till wheat in the Pacific Northwest. *Weed Technology*, 20, 3, pp 658-669
<Go to ISI>://WOS:000240969900017
- Zegada-Lizarazu, W., Izumi, Y., & Iijima, M. (2006)**
Water competition of intercropped pearl millet with cowpea under drought and soil compaction stresses. *Plant Production Science*, 9, 2, pp 123-132
<Go to ISI>://WOS:000236697000004
- Zentner, R.P., Campbell, C.A., Selles, F., Jefferson, P.G., Lemke, R., McConkey, B.G., Fernandez, M.R., Hamel, C., Gan, Y., & Thomas, A.G. (2006)**

Effect of fallow frequency, flexible rotations, legume green manure, and wheat class on the economics of wheat production in the Brown soil zone. Canadian Journal of Plant Science, 86, 2, pp 413-423
<Go to ISI>://WOS:000240051500009

Zhang, X.C. (2006)

Spatial sensitivity of predicted soil erosion and runoff to climate change at regional scales. Journal of Soil and Water Conservation, 61, 2, pp 58-64
<Go to ISI>://WOS:000238082500013