

Big Flats Plant Materials Center
3266-A State Route 352, Corning, NY 14830 • P 607.562.8404 • F 607.562.8516 • <http://Plant-materials.nrcs.usda.gov>

Cover Crop Resources

A guide to journal articles on a wide variety of cover crop topics



The following pages show an array of journal articles, on a wide variety of subjects, relating to cover crops. They are broken down into general categories, such as broadleaf's, grasses, legumes, and then into specific species. Grasses that are used as grains are in the cereal grain category. Use the search key located at the top of this document, to find specific topics, or keywords.

BROADLEAFS

BRASSICAS SPP.

Bauer P.J, and D. Wayne Reeves. "A comparison of winter cereal species and planting dates as residue cover for cotton grown with conservation tillage." [*Crop Science*](#) 39 (1999): 1824-1830.

Chen, Guihua. and Ray Weil. "Penetration of cover crop roots through compacted soils." [*Plant Soil*](#), 2010.

Dean, Jill and Ray Weil. "Brassica cover crops for Nitrogen retention in the Mid-Atlantic coastal Plain." [*J. Environ. Qual.*](#) 38 (2009): 520-528.

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." [*Soil Tillage and Research*](#) 8 (1986): 253-263.

Gruver, Lisa Stocking, Ray R. Weil, Inga A. Zasada, Sandra Sardanelli, Bahram Momen. "Brassicaceous and rye cover crops altered free-living soil nematode community composition" [*Applied Soil Ecology*](#), Volume 45, Issue 1, May 2010, Pages 1-12.

Isse, A.A., Angus MacKenzie, Katrine Stewart, Daniel Cloutier, Donald Smith. "Cover crops and nutrient retention for subsequent sweet corn production." [*Agron. J.*](#) 91 (1999): 934-939.

Justes, Eric. Bruno Mary, Bernard Nicolardot. "Comparing the effectiveness of radish cover crop, oilseed rape volunteers, and oilseed rape residues incorporation for reducing nitrate leaching." [*Nutrient Cycling in Agroecosystems*](#) 55 (1999): 207-220.

Kramberger, B., B. Lukac, D. Gruskovnjak, A. Gselman. "Effects of Italian ryegrass and state of plow-in on soil mineral nitrogen and sugarbeet yield and quality." [*Agron. J.*](#) 100 (2008): 1332-1338.

Monfort, W.S., A.S. Csinos, J. Desaegeer, K. Seebold, T.M. Webster, J.C. Diaz-Perez. "Evaluating Brassica species as an alternative control measure for root-knot nematode in Georgia vegetable plasticulture." [*Crop Protection*](#) 26 (2007): 1359-1368.

Moore, Mary and Stephen Guy. "Agronomic response of winter rapeseed to rate and date of seeding." [*Agron. J.*](#) 89 (1997): 521-526.

Motisi, Natacha. Francoise Montfort, Vincent Faloya, Philippe Lucas, Thierry Dore. "Growing Brassica juncea as a cover crop, then incorporating its residues provide complementary control of Rhizoctonia root rot of sugar beet." [*Field Crops Research*](#) 113 (2007): 238-245.

Norsworthy, Jason and John Meehan IV. "Wild radish-amended soil effects on yellow nutsedge interference with tomato and bell pepper." [*Weed Science Society of America*](#) 53, no. 1 (2005): 77-83.

Pavlista, A.D., T.A. Isbell, D.D. Baltensperger, G.W. Hergert "Planting date and development of spring-seeded irrigated canola, brown mustard and camelina" [*Industrial Crops and Products*](#), Volume 33, Issue 2, March 2011, Pages 451-456.

Rahman, L., M.A. Whitelaw-Weckert, B. Orchard. "Consecutive application of brassica green manures and seed meal enhances suppression of *Meloidogyne javanica* and increases yield of *Vitis vinifera*." [Applied Soil Ecology](#), 2011: 195-203.

Rife, C.L. and H. Zeinali. "Cold tolerance in oilseed rape over varying acclimation durations." [Crop Science](#) 43 (2003): 96-100.

Salmeron, Montserrat. Jose Cavero, Dolores Quilez, Ramon Isla. "Winter cover crops affect monoculture maize yields and nitrogen leaching under irrigated Mediterranean conditions." [Agron. J.](#) 102 (2010): 1700-1709.

Schomberg, H.H., R.G. McDaniel, E. Mallard, D.M. Endale, D.S. Fisher, M.L. Cabrera. "Conservation tillage and cover crop influences on cotton production on a Southeastern US coastal plain soil." [Agron. J.](#) 98 (2006): 1247-1256.

Smith, M.K., Smith, J.P., G.R. Striling. "Integration of minimum tillage, crop rotation and organic amendments into a ginger farming system: Impacts on yield and soilborne diseases." [Soil and Tillage Research](#), 2011: IN Press.

Sumner, D.R., S.C. Phatak, J.D. Gay, R.B. Chalfant, K.E. Brunson, R.L. Bugg. "Soilborne pathogens in a vegetable double-crop with conservation tillage following winter cover crops." [Crop Protection](#) 14, no. 6 (1995): 495.

Vyn, T.J., K.J. Janovicek, M.H. Miller, E.G. Beauchamp. "Soil nitrate accumulation and corn response to preceding small grain fertilization and cover crops." [Agron. J.](#) 91 (1999): 17-24.

Weinert, T.L., W.L. Pan, M.R. Moneymaker, G.S. Santo, R.G. Steven. "Nitrogen recycling by nonleguminous winter cover crops to reduce leaching in potato rotations." [Agron. J.](#) 94 (2002): 365-372.

White, Charles and Ray Weil. "Forage radish and cereal rye cover crop effects on mycorrhizal fungus colonization of maize root." [Plant Soil](#), 2009.

White, Charles and Ray Weil. "Forage radish cover crops increase soil test phosphorus surrounding radish taproot holes." [SSSAJ](#) 75 (2011): 121-130.

Williams, Stacey and Ray Weil. "Crop cover root channels may alleviate soil compaction effects on soybean crop." [SSSAJ](#) 68 (2004): 1403-1409.

BUCKWHEAT

Balandier, Philippe. Henri Frochot, Agnès Sourisseau . "Improvement of direct tree seeding with cover crops in afforestation: Microclimate and resource availability induced by vegetation composition" [Forest Ecology and Management](#), Volume 257, Issue 8, 31 March 2009, Pages 1716-1724.

CAMELINA

Berti, Marisol, "Rosemarie Wilckens, Susana Fischer, Alejandro Solis, Burton Johnson. "Seeding date influence on camelina seed yield, yield components, and oil content in Chile" [Industrial Crops and Products](#), Volume 34, Issue 2, September 2011, Pages 1358-1365.

Fronlich, A. and B. Rice. "Evaluation of Camelina sativa oil as a feedstock for biodiesel production" [*Industrial Crops and Products*](#), Volume 21, Issue 1, January 2005, Pages 25-31.

Pavlista, A.D., T.A. Isbell, D.D. Baltensperger, G.W. Hergert "Planting date and development of spring-seeded irrigated canola, brown mustard and camelina" [*Industrial Crops and Products*](#), Volume 33, Issue 2, March 2011, Pages 451-456.

Vollmann, Johann, Thomas Moritz, Christine Kargl, Sabine Baumgartner, Helmut Wagenströml.
"Agronomic evaluation of camelina genotypes selected for seed quality characteristics" [*Industrial Crops and Products*](#), Volume 26, Issue 3, October 2007, Pages 270-277.

Zubr, Josef. "Oil-seed crop: Camelina sativa" [*Industrial Crops and Products*](#), Volume 6, Issue 2, 16 May 1997, Pages 113-119.

CANOLA

Pavlista, A.D., T.A. Isbell, D.D. Baltensperger, G.W. Hergert "Planting date and development of spring-seeded irrigated canola, brown mustard and camelina" [*Industrial Crops and Products*](#), Volume 33, Issue 2, March 2011, Pages 451-456.

PHACELIA

Balandier, Philippe. Henri Frochot, Agnès Sourisseau . "Improvement of direct tree seeding with cover crops in afforestation: Microclimate and resource availability induced by vegetation composition" [*Forest Ecology and Management*](#), Volume 257, Issue 8, 31 March 2009, Pages 1716-1724.

Wyland, L.J., L.E. Jackson, W.E. Chaney, K. Klonsky, S.T. Koike, B. Kimple. "Winter cover crops in a vegetable cropping system: Impacts on nitrate leaching, soil water, crop yield, pests, and management costs." [*Agriculture, Ecosystems, and Environment*](#) 59 (1996): 1-17.

CEREAL GRAINS

BARLEY

Bergkvist, Göran. Maria Stenberg, Johanna Wetterlind, Birgitta Båth, Sara Elfstrand. "Clover cover crops under-sown in winter wheat increase yield of subsequent spring barley—Effect of N dose and companion grass" [*Field Crops Research*](#), Volume 120, Issue 2, 31 January 2011, Pages 292-298.

Carter, M.R., C. Noronha, R.D. Peters, J. Kimpinski. "Influence of conservation tillage and crop rotation on the resilience of an intensive long-term potato cropping system: Restoration of soil biological properties after the potato phase." [*Agriculture, Ecosystems, and Environment*](#) 133 (2009): 32-39.

Dhima, K.V., I.B. Vasilakoglou, I.G. Eleftherohorimos, A.S. Lithourgidis. "Allelopathic potential of winter cereals and their cover crop mulch effect on grass weed suppression and corn development." [*Crop Science*](#) 46 (2006): 345-352.

Gabriel, J.L., M. Quemada. "Replacing bare fallow with cover crops in a maize cropping system: Yield, N uptake and fertilizer fate" [*European Journal of Agronomy*](#), Volume 34, Issue 3, April 2011, Pages 133-143.

Isse, A.A., Angus MacKenzie, Katrine Stewart, Daniel Cloutier, Donald Smith. "Cover crops and nutrient retention for subsequent sweet corn production." *Agron. J.* 91 (1999): 934-939.

Liu, Aiguo. B.L. Ma, A.A. Bomke. "Effects of cover crops on soil aggregate stability, total organic carbon, and polysaccharides." *Soil Sci. Soc. Am. J.* 69 (2005): 2041-2048.

Salmeron, Montserrat. Jose Cavero, Dolores Quilez, Ramon Isla. "Winter cover crops affect monoculture maize yields and nitrogen leaching under irrigated Mediterranean conditions." *Agron. J.* 102 (2010): 1700-1709.

Thomsen, Ingrid K. "Nitrate leaching under spring barley is influenced by the presence of a ryegrass catch crop: Results from a lysimeter experiment." *Agriculture, Ecosystems & Environment*, Volume 111, Issues 1-4, 1 December 2005, Pages 21-29.

Vyn, T.J., K.J. Janovicek, M.H. Miller, E.G. Beauchamp. "Soil nitrate accumulation and corn response to preceding small grain fertilization and cover crops." *Agron. J.* 91 (1999): 17-24.

CEREAL RYE

Akemo, Mary C., Emilie R. Regnier, Mark A. Bennett. "Weed suppression in spring sown rye (*Secale cereale*)-pea (*Pisum sativum*) cover crop mixes." *Weed Tech* 14, no. 3 (2000): 545-549.

Andraski, Todd W., and Larry G Bundy. "Cover crop effects on corn yield response to nitrogen on an irrigated sandy soil." *Agron. J.* 97 (2005): 1239-1244

Baker, John M. and Timothy J. Griffis. "Evaluating the potential use of winter cover crops in corn-soybean systems for sustainable co-production of food and fuel" *Agricultural and Forest Meteorology*, Volume 149, Issue 12, 4 December 2009, Pages 2120-2132.

Balandier, Philippe. Henri Frochot, Agnès Sourisseau . "Improvement of direct tree seeding with cover crops in afforestation: Microclimate and resource availability induced by vegetation composition" *Forest Ecology and Management*, Volume 257, Issue 8, 31 March 2009, Pages 1716-1724.

Balkcon, K.A., Kipling, Andrew Price, Edzard VanSanten, Dennis Delaney, Deborah Boykin, Francisco Arriaga, Jason Begtold, Ted Kornecki, Randy Raper. "Row spacing, tillage system, and herbicide technology affects cotton plant growth and yield." *Field Crops Research* 117 (2010): 219-225.

Bauer P.A, Philip, and D. Wayne Reeves. "A comparison of winter cereal species and planting dates as residue cover for cotton grown with conservation tillage." *Crop Science* 39 (1999): 1824-1830.

Bauer, Philip and Mitchell Roof. "Nitrogen, aldicarb, and cover crop effects on cotton yield and fiber properties." *Agron. J.* 96 (2004): 369-376.

Bauer, Philip, Bruce Fortnum, James Frederick. "Cotton response to tillage and rotation during the turn of the century drought." *Agron. J.* 102 (2010): 1145-1148.

Bavin, T.K., T.J. Griffis, J.M. Baker, R.T. Venterea. "Impact of reduced tillage and cover cropping on the greenhouse gas budget of a maize/soybean rotation ecosystem." *Agriculture, Ecosystems & Environment*, Volume 134, Issues 3-4, December 2009, Pages 234-242.

Blevins, R.L., J.H. Herbeck, W.W. Frye. "Legume cover crops as a nitrogen source for no-till corn and grain sorghum." *Agron. J.* 82 (1990): 769-772.

Brennan, E.B., N.S. Boyd, R.F. Smith, P. Foster. "Comparison of rye and legume-rye cover crop mixtures for vegetable production in California." *Agron. J.* 103 (2011): 449-463.

Bundy, Larry. and Todd Andraski. "Recovery of fertilizer nitrogen in crop residues and cover crops on an irrigated sandy soil." *Soil. Sci. Soc. Am. J.* 69 (2005): 640-648.

<https://www.soils.org/publications/sssaj/articles/69/3/0640>

Chen, Guihua. and Ray Weil. "Penetration of cover crop roots through compacted soils." *Plant Soil*, 2010.

Clark, A.J., J.J. Meisinger, A.M. Decker, F.R. Mulford. "Effects of grass selective herbicide in a vetch-rye cover crop system on corn grain yield and soil moisture." *Agron. J.* 99 (2007): 43-48.

Clark, Andrew. Alvin Decker, John Meisinger, Marla McIntosh. "Kill date of vetch, rye, and a vetch-rye mixture: I Cover crop and corn nitrogen." *Agron. J.* 89 (1997): 427-434.

Clark, Andrew. Alvin Decker, John Mesinger, Marla McIntosh. "Kill date of vetch, rye, and a vetch-rye mixture: II. Soil moisture and corn yield." *Agron. J.* 89 (1997): 434-441.

Crandall, S.M., M.L. Ruffo, G.A. Bollero. "Cropping system and nitrogen dynamics under a cereal winter cover crop preceding corn." *Plant and Soil* 268 (2005): 209-219

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." *Soil Tillage and Research* 8 (1986): 253-263.

Edwards, Linnell. "Comparison of two spring seeding methods to establish forage cover crops in relay with winter cereals" *Soil and Tillage Research*, Volume 45, Issues 3-4, 18 May 1998, Pages 227-235.

Faega, Jeffery. John Selker, Richard Dick, Delbert Hemphill. "Long-term nitrate leaching under vegetable production with cover crops in the Pacific Northwest." *Soil Sci. Soc. Am. J.* 74 (2009): 186-195.

Fischer, K.A., B. Momen, R.J. Kratochvil. "Is broadcasting seed an effective winter cover crop planting method?" *Agron. J.* 103 (2011): 472-478.

Griffin, Tim., Matt Liebman, John Jemison Jr. "Cover crops for sweet corn production in a short-season environment." *Agron. J.* 92 (2000): 144-151.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." *Agron. J.* 93 (2001): 308-313.

Hoyt, Greg. "Predicting nutrients from winter cover crops for no- till management." *HortScience* 21 (1986): 397-402.

Isik, D., E. Kaya, M. Ngouajiom H. Mennan. "Weed suppression in organic pepper with winter cover crops." *Crop Protection* 28 (2009): 356-363.

Jackson, L.E., I. Ramierz, R. Yokota, S.A. Fennimore, S.T. Koile, D.M. Henderson, W.E. Chaney, F.J. Calderon, K. Klonsky. "On-farm assessment of organic matter and tillage management on vegetable yield, soil, weeds, pests, and economics in California." [Agriculture, Ecosystems, and Environment](#) 103 (2004): 443-463.

Jokela, William. John Grabber, Douglas, Karlen, Teri Balsler, Debra Palmquist. "Cover Crop and Liquid Manure Effects on Soil Quality Indicators in a Corn Silage System." [Agron. J.](#) 101 (2009): 727-737.

Kuo, Shiou and Eric Jellum. "Influence of winter cover crop and residue management on soil nitrogen availability and corn." [Agron. J.](#) 94 (2002): 501-508.

Liu, Aiguo. B.L. Ma, A.A. Bomke. "Effects of cover crops on soil aggregate stability, total organic carbon, and polysaccharides." [Soil Sci. Soc. Am. J.](#) 69 (2005): 2041-2048.

McDonald, Paul. Jeremy Singer, Mary Wiedenhoef. "Establishment and growth of self-seeded winter cereal cover crops in a soybean-corn rotation." [Agron. J.](#) 100 (2008): 432-439.

Miguez, Fernando and German Bollero. "Winter cover crops in Illinois: Evaluation of ecophysiological characteristics of corn." [Crop Science](#) 46 (2006): 1536-1545.

Ngouajio, M. and H. Mennan. "Weed populations and pickling cucumber (*Cucumis sativus*) yield under summer and winter cover crop systems." [Crop Protection](#), Volume 24, Issue 6, June 2005, Pages 521-526.

Odland, T.E. and H.C. Knoblauch. "The value of cover crops in continuous corn culture." [Agron. J.](#), 1937: 22.

Po, Edgar. S.S. Snapp, A. Kravchenko. "Rotational and cover crop determinants of soil structural stability and carbon in a potato system." [Agron. J.](#) 101 (2009): 175-183.

Qi, Zhiming. Matthew Helmers, Amy Kaleita. "Soil water dynamics under various agricultural land covers on a subsurface drained field in north-central Iowa, USA." [Agricultural Water management](#) 98 (2011): 665-674.

Ranells, Noah and Michael Wagger. "Nitrogen release from grass and legume cover crop monocultures and bicultures." [Agron. J.](#) 88 (1996): 777-782.

Ranells, Noah and Michael Wagger. "Winter annual grass-legume bicultures for efficient nitrogen management in no-till corn." [Agriculture, Ecosystems and Environment](#) 65 (1997): 23-32.

Ruffo, Matias. Donald Bullock, German Bollero. "Soybean yield as affected by biomass and nitrogen uptake of cereal rye in winter cover crop rotations." [Agron. J.](#) 96 (2004): 800-805.

Sainju, U.M., B. P. Singh, W.F. Whitehead. "Tillage, cover crops, and nitrogen fertilization effects on cotton and sorghum root biomass, carbon, and nitrogen." [Agron. J.](#) 97 (2005): 1279-1290.

Sainju, U.M., B.P. Singh, W.F. Whitehead, S. Wang. "Accumulation and crop uptake of soil mineral nitrogen as influenced by tillage cover crops, and nitrogen fertilization." [Agron. J.](#) 99 (2007): 682-691

Sainju, U.M., Z.N. Senwo, E.Z. Nyakatawa, I.A. Tazisong, K.S. Reddy. "Soil carbon and nitrogen sequestration as affected by long-term tillage, cropping systems, and nitrogen fertilizer sources." [Agriculture, Ecosystems and Environment](#) 127 (2008): 234-240.

Schomberg, H.H., R.G. McDaniel, E. Mallard, D.M. Endale, D.S. Fisher, M.L. Cabrera. "Conservation tillage and cover crop influences on cotton production on a Southeastern US coastal plain soil." [Agron. J.](#) 98 (2006): 1247-1256.

Simoes, R.P., R.L. Raper, F.J. Arriaga, K.S. Balkcom, J.N. Shaw. "Using conservation systems to alleviate soil compaction in a Southeastern United States ultisol" [Soil and Tillage Research](#), Volume 104, Issue 1, June 2009, Pages 106-114.

Singer, Jeremy. "Corn belt assessment of cover crop management and preferences." [Agron. J.](#) 100 (2008): 1670-1672.

Snapp, S.S., S.M. Swinton, R. Labarta, D. Mutch, J.R. Black, R. Leep, K. O'Neil. "Evaluating cover crops for benefits, costs, and performance within cropping system niches." [Agron. J.](#) 97 (2005): 322-332.

Stocking-Gruver, Lisa. Ray Weil, Inga Zasada, Sandra Sardanelli, Bahran Momen. "Brassicaceous and rye cover crops altered free-living soil nematode community composition." [Applied Soil Ecology](#) 45 (2010): 1-12.

Villamil, M.B., G.A. Bollero, R.G. Darmondy, F.W. Simmons, D.G. Bullock. "No-till corn/soybean systems including winter cover crops: Effects on soil properties." [SSSAJ](#) 70 (2006): 1936-1944.

Walters, S.A. and B.G. Young. "Effect of herbicide and cover crop on weed control in no-tillage jack-o-lantern pumpkin production." [Crop Protection](#) 29 (2010): 30-33.

Weinert, T.L., W.L. Pan, M.R. Moneymaker, G.S. Santo, R.G. Steven. "Nitrogen recycling by nonleguminous winter cover crops to reduce leaching in potato rotations." [Agron. J.](#) 94 (2002): 365-372.

White, Charles and Ray Weil. "Forage radish and cereal rye cover crop effects on mycorrhizal fungus colonization of maize root." [Plant Soil](#), 2009.

Williams, Stacey and Ray Weil. "Crop cover root channels may alleviate soil compaction effects on soybean crop." [SSSAJ](#) 68 (2004): 1403-1409.

Wyland, L.J., L.E. Jackson, W.E. Chaney, K. Klonsky, S.T. Koike, B. Kimple. "Winter cover crops in a vegetable cropping system: Impacts on nitrate leaching, soil water, crop yield, pests, and management costs." [Agriculture, Ecosystems, and Environment](#) 59 (1996): 1-17.

Zotarelli, L., L. Avila, M.S. Scholberg, B.J.R. Alves. "Benefits of vetch and rye cover crops to sweet corn under no-tillage." [Agron. J.](#) 101 (2009): 252-260.

OATS

Andraski, Todd W., and Larry G Bundy. "Cover crop effects on corn yield response to nitrogen on an irrigated sandy soil." [Agron. J.](#) 97 (2005): 1239-1244

Balandier, Philippe. Henri Frochot, Agnès Sourisseau . "Improvement of direct tree seeding with cover crops in afforestation: Microclimate and resource availability induced by vegetation composition" [*Forest Ecology and Management*](#), Volume 257, Issue 8, 31 March 2009, Pages 1716-1724.

Bauer P.A, Philip, and D. Wayne Reeves. "A comparison of winter cereal species and planting dates as residue cover for cotton grown with conservation tillage." [*Crop Science*](#) 39 (1999): 1824-1830.

Campiglia, E., R. Mancinelli, E. Radicetti, F. Caporali. "Effect of cover crops and mulches on weed control and nitrogen fertilization in tomato (*Lycopersicon esculentum* Mill)" [*Crop Protection*](#), Volume 29, Issue 4, April 2010, Pages 354-363.

Colla, G. J. Mitchell, B. Joyce. L. Huyck, W. Wallender, S. temple, T. Hsiao, D. Poudal. "Soil physical properties and tomato yield and quality in alternative cropping systems." [*Agron. J.*](#) 92 (2000): 924-932.

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." [*Soil Tillage and Research*](#) 8 (1986): 253-263.

Folorunso, O.A., D.E. Rolston, T. Prichard, D.T. Loui. "Soil surface strength and infiltration rate as affected by winter cover crops" [*Soil Technology*](#), Volume 5, Issue 3, October 1992, Pages 189-197.

Hamido, Said and K. Kpombrekou-A. "Cover crop and tillage effects on soil enzyme activities following tomato." [*Soil and Tillage Research*](#) 105 (2009): 269-274.

Hu, S., N.J. Grunwald, A.H.C. van Bruggen, G.R. Gamble, L.E. Drinkwater, C. Shennan, M.W. Demment. "Short-term effects of cover crop incorporation on soil carbon pools and nitrogen availability." *Soil Sci. Soc. Am J* 61 (1997): 901-911.

Reinbott, Tim., Shawn Conley, Dale Blevins. "No-tillage corn and grain sorghum response to cover crop and nitrogen fertilization." [*Agron. J.*](#) 96 (2004): 1158-1163.

Schomberg, H.H., R.G. McDaniel, E. Mallard, D.M. Endale, D.S. Fisher, M.L. Cabrera. "Conservation tillage and cover crop influences on cotton production on a Southeastern US coastal plain soil." [*Agron. J.*](#) 98 (2006): 1247-1256.

Singer, Jeremy. "Corn belt assessment of cover crop management and preferences." [*Agron. J.*](#) 100 (2008): 1670-1672.

Smith, M.K., Smith, J.P., G.R. Striling. "Integration of minimum tillage, crop rotation and organic amendments into a ginger farming system: Impacts on yield and soilborne diseases." [*Soil and Tillage Research*](#), 2011: IN Press.

Stefani Fae, G., R.M. Sulc, D.J. Barker, R. P. Dick, M.L. Eastridge, N. Lorenz. "Integrating Winter annual forages into a no-till corn silage system." [*Agron. J.*](#) 101 (2009): 1286-1296.

TRITICALE

Andraski, Todd W., and Larry G Bundy. "Cover crop effects on corn yield response to nitrogen on an irrigated sandy soil." [*Agron. J.*](#) 97 (2005): 1239-1244

Calonego, Juliano C., Ciro A. Rosolem. "Soybean root growth and yield in rotation with cover crops under chiseling and no-till" *European Journal of Agronomy*, Volume 33, Issue 3, October 2010, Pages 242-249.

Dhima, K.V., I.B. Vasilakoglou, I.G. Eleftherohorimos, A.S. Lithourgidis. "Allelopathic potential of winter cereals and their cover crop mulch effect on grass weed suppression and corn development." [*Crop Science*](#) 46 (2006): 345-352.

Faega, Jeffery. John Selker, Richard Dick, Delbert Hemphill. "Long-term nitrate leaching under vegetable production with cover crops in the Pacific Northwest." [*Soil Sci. Soc. Am. J*](#) 74 (2009): 186-195.

McDonald, Paul. Jeremy Singer, Mary Wiedenhoef. "Establishment and growth of self-seeded winter cereal cover crops in a soybean-corn rotation." [*Agron. J.*](#) 100 (2008): 432-439.

WHEAT

Bauer P.A, Philip, and D. Wayne Reeves. "A comparison of winter cereal species and planting dates as residue cover for cotton grown with conservation tillage." [*Crop Science*](#) 39 (1999): 1824-1830.

Bergkvist, Göran. Maria Stenberg, Johanna Wetterlind, Birgitta Båth, Sara Elfstrand. "Clover cover crops under-sown in winter wheat increase yield of subsequent spring barley—Effect of N dose and companion grass" [*Field Crops Research*](#), Volume 120, Issue 2, 31 January 2011, Pages 292-298.

Boquet, Donald. Robert Hutchinson, Gary Breitenbeck. "Long-term tillage, cover crop, and nitrogen rate effects on cotton: Yield and fiber properties." [*Agron. J.*](#) 96 (2004): 1436-1442.

Boswell, E.P., R.T. Joide, D.L. Shumway, H.D. Addy. "Winter wheat cover cropping, VA mycorrhizal fungi and maize growth and yield." [*Agriculture, Ecosystems and Environment*](#) 67 (1998): 55-65.

Colla, G. J. Mitchell, B. Joyce. L. Huyck, W. Wallender, S. temple, T. Hsiao, D. Poudal. "Soil physical properties and tomato yield and quality in alternative cropping systems." [*Agron. J.*](#) 92 (2000): 924-932.

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." [*Soil Tillage and Research*](#) 8 (1986): 253-263.

Edwards, Linnell. "Comparison of two spring seeding methods to establish forage cover crops in relay with winter cereals" [*Soil and Tillage Research*](#), Volume 45, Issues 3-4, 18 May 1998, Pages 227-235.

Faega, Jeffery. John Selker, Richard Dick, Delbert Hemphill. "Long-term nitrate leaching under vegetable production with cover crops in the Pacific Northwest." [*Soil Sci. Soc. Am. J*](#) 74 (2009): 186-195.

Fischer, K.A., B. Momen, R.J. Kratochvil. "Is broadcasting seed an effective winter cover crop planting method?" [*Agron. J.*](#) 103 (2011): 472-478.

Fisk, John. Oran Hesterman, Anil Shrestha, James Kells, Richard Harwood, John Squire, and Craig Sheaffer. "Weed suppression by annual legume cover crops in no-tillage corn." [*Agron. J.*](#) 93 (2001): 319-325.

Hiltbrunner, J., B. Streit, M. Liedgens. "Are seeding densities an opportunity to increase grain yield of winter wheat in a living mulch of white clover?" [*Field Crops Research*](#) 102 (2007): 163-171.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." [*Agron. J.* 93 \(2001\): 308-313.](#)

Isik, D., E. Kaya, M. Ngouajiom H. Mennan. "Weed suppression in organic pepper with winter cover crops." [*Crop Protection* 28 \(2009\): 356-363.](#)

McDonald, Paul. Jeremy Singer, Mary Wiedenhoef. "Establishment and growth of self-seeded winter cereal cover crops in a soybean-corn rotation." [*Agron. J.* 100 \(2008\): 432-439.](#)

McVay, K.A., D.E. Radcliffe, W.L. Hargrove. "Winter legume effects on soil properties and nitrogen fertilizer requirements." [*Soil Sci. Soc Am. J.* 53 \(1989\): 1856-1862.](#)

Picard, D., M. Ghiloufi, P. Saulas, S. de Tourdonnet. "Does undersowing winter wheat with a cover crop increase competition for resources and is it compatible with high yield?" [*Field Crops Research* 115 \(2010\): 9-18.](#)

Po, Edgar. S.S. Snapp, A. Kravchenko. "Rotational and cover crop determinants of soil structural stability and carbon in a potato system." [*Agron. J.* 101 \(2009\): 175-183.](#)

Shili-Touzi, I., S. de Tourdonnet, M. Launay, T. Dore. "Does intercropping winter wheat with red fescue as a cover crop improve agronomic and environmental performance? A modeling approach." [*Field Crops Research* 116 \(2010\): 218-229.](#)

Singer, Jeremy. "Corn belt assessment of cover crop management and preferences." [*Agron. J.* 100 \(2008\): 1670-1672.](#)

Snapp, S.S., S.M. Swinton, R. Labarta, D. Mutch, J.R. Black, R. Leep, K. O'Neil. "Evaluating cover crops for benefits, costs, and performance within cropping system niches." [*Agron. J.* 97 \(2005\): 322-332.](#)

Stefani, G., R.M. Sulc, D.J. Barker, R. P. Dick, M.L. Eastridge, N. Lorenz. "Integrating Winter annual forages into a no-till corn silage system." [*Agron. J.* 101 \(2009\): 1286-1296.](#)

Sumner, D.R., S.C. Phatak, J.D. Gay, R.B. Chalfant, K.E. Brunson, R.L. Bugg. "Soilborne pathogens in a vegetable double-crop with conservation tillage following winter cover crops." [*Crop Protection* 14, no. 6 \(1995\): 495.](#)

Vyn, T.J., K.J. Janovicek, M.H. Miller, E.G. Beauchamp. "Soil nitrate accumulation and corn response to preceding small grain fertilization and cover crops." [*Agron. J.* 91 \(1999\): 17-24.](#)

Walters, S.A. and B.G. Young. "Effect of herbicide and cover crop on weed control in no-tillage jack-o-lantern pumpkin production." [*Crop Protection* 29 \(2010\): 30-33.](#)

Wang, G., M.E. McGiffen, Jr., E.J. Ogbuchiekwe, L. Butler. "Economic return of purple and yellow nutsedge management in vegetable production of southern California." [*Crop Protection* 28 \(2009\): 319-326.](#)

Weinert, T.L., W.L. Pan, M.R. Moneymaker, G.S. Santo, R.G. Steven. "Nitrogen recycling by nonleguminous winter cover crops to reduce leaching in potato rotations." [*Agron. J.* 94](#) (2002): 365-372.

GRASSES

ANNUAL RYEGRASS

Bergkvist, Göran. Maria Stenberg, Johanna Wetterlind, Birgitta Båth, Sara Elfstrand. "Clover cover crops under-sown in winter wheat increase yield of subsequent spring barley—Effect of N dose and companion grass" [*Field Crops Research*](#), Volume 120, Issue 2, 31 January 2011, Pages 292-298.

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." [*Soil Tillage and Research*](#) 8 (1986): 253-263.

Edwards, Linnell. "Comparison of two spring seeding methods to establish forage cover crops in relay with winter cereals" [*Soil and Tillage Research*](#), Volume 45, Issues 3-4, 18 May 1998, Pages 227-235.

Faega, Jeffery. John Selker, Richard Dick, Delbert Hemphill. "Long-term nitrate leaching under vegetable production with cover crops in the Pacific Northwest." [*Soil Sci. Soc. Am. J.*](#) 74 (2009): 186-195.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." [*Agron. J.*](#) 93 (2001): 308-313.

Isse, A.A., Angus MacKenzie, Katrine Stewart, Daniel Cloutier, Donald Smith. "Cover crops and nutrient retention for subsequent sweet corn production." [*Agron. J.*](#) 91 (1999): 934-939.

Jokela, William. John Grabber, Douglas, Karlen, Teri Balsler, Debra Palmquist. "Cover Crop and Liquid Manure Effects on Soil Quality Indicators in a Corn Silage System." [*Agron. J.*](#) 101 (2009): 727-737.

Kramberger, B., B. Lukac, D. Gruskovnjak, A. Gselman. "Effects of Italian ryegrass and date of plow-in on soil mineral nitrogen and sugarbeet yield and quality." [*Agron. J.*](#) 100 (2008): 1332-1338.

Kuo, Shiou and Eric Jellum. "Influence of winter cover crop and residue management on soil nitrogen availability and corn." [*Agron. J.*](#) 94 (2002): 501-508.

Liu, Aiguo. B.L. Ma, A.A. Bomke. "Effects of cover crops on soil aggregate stability, total organic carbon, and polysaccharides." [*Soil Sci. Soc. Am. J.*](#) 69 (2005): 2041-2048.

Malik, Ravi K., T.H Green, G.F Brown, C.A Beyl, K.R Sistani, D.A Mays. "Biomass production of short-rotation bioenergy hardwood plantations affected by cover crops" [*Biomass and Bioenergy*](#), Volume 21, Issue 1, July 2001, Pages 21-33.

Stefani, G., R.M. Sulc, D.J. Barker, R. P. Dick, M.L. Eastridge, N. Lorenz. "Integrating Winter annual forages into a no-till corn silage system." [*Agron. J.*](#) 101 (2009): 1286-1296.

Sumner, D.R., S.C. Phatak, J.D. Gay, R.B. Chalfant, K.E. Brunson, R.L. Bugg. "Soilborne pathogens in a vegetable double-crop with conservation tillage following winter cover crops." [*Crop Protection*](#) 14, no. 6 (1995): 495.

Thomsen, Ingrid K. "Nitrate leaching under spring barley is influenced by the presence of a ryegrass catch crop: Results from a lysimeter experiment." *Agriculture, Ecosystems & Environment*, Volume 111, Issues 1-4, 1 December 2005, Pages 21-29.

Vyn, T.J., K.J. Janovicek, M.H. Miller, E.G. Beauchamp. "Soil nitrate accumulation and corn response to preceding small grain fertilization and cover crops." *Agron. J.* 91 (1999): 17-24.

MILLETS

Calonego, Juliano C., Ciro A. Rosolem. "Soybean root growth and yield in rotation with cover crops under chiseling and no-till" *European Journal of Agronomy*, Volume 33, Issue 3, October 2010, Pages 242-249.

PERENNIAL RYEGRASS

Chen, Senyu., Donald Wyse, Gregg Johnson, Paul Porter, Salliana Stetina, Daniel Miller, Kevin Betts, Lee Klossner, Milton Haar. "Effect of cover crops alfalfa, red clover, and perennial ryegrass on soybean cyst nematode population and soybean and corn yields in Minnesota." *Crop Science* 46 (2006): 1890-1897.

SORGHUM-SUDANGRASS

Calonego, Juliano C., Ciro A. Rosolem. "Soybean root growth and yield in rotation with cover crops under chiseling and no-till" *European Journal of Agronomy*, Volume 33, Issue 3, October 2010, Pages 242-249.

Isik, D., E. Kaya, M. Ngouajio, H. Mennan. "Weed suppression in organic pepper with winter cover crops." *Crop Protection* 28 (2009): 356-363.

Moroke, T.S., R.C. Schwartz, K.W. Brown, A.S.R. Juo. "Water use efficiency of dryland cowpea, sorghum, and sunflower under reduce tillage." *Soil and Tillage Research* 112 (2011): 76-84.

Ngouajio, M. and H. Mennan. "Weed populations and pickling cucumber (*Cucumis sativus*) yield under summer and winter cover crop systems." *Crop Protection*, Volume 24, Issue 6, June 2005, Pages 521-526.

Ngouajio, M., M.E. McGiffen, C.M. Hutchinson. "Effect of cover crop and management system on weed populations in lettuce." *Crop Protection* 22 (2003): 57-64.

Sainju, U.M., B. P. Singh, W.F. Whitehead. "Tillage, cover crops, and nitrogen fertilization effects on cotton and sorghum root biomass, carbon, and nitrogen." *Agron.* [Jhttp://ddr.nal.usda.gov/bitstream/10113/3710/1/IND43756748.pdf](http://ddr.nal.usda.gov/bitstream/10113/3710/1/IND43756748.pdf). 97 (2005): 1279-1290.

Smith, M.K., Smith, J.P., G.R. Striling. "Integration of minimum tillage, crop rotation and organic amendments into a ginger farming system: Impacts on yield and soilborne diseases." *Soil and Tillage Research*, 2011: IN Press.

Snapp, S.S., S.M. Swinton, R. Labarta, D. Mutch, J.R. Black, R. Leep, K. O'Neil. "Evaluating cover crops for benefits, costs, and performance within cropping system niches." *Agron. J.* 97 (2005): 322-332.

Wang, G., M.E. McGiffen, Jr., E.J. Ogbuchiekwe, L. Butler. "Economic return of purple and yellow nutsedge management in vegetable production of southern California." *Crop Protection* 28 (2009): 319-326.

Wang, G., N. Ngouajio, M.E. McGiffen, C.M. Hutchinson. "Summer cover crop and management system affect lettuce and cantaloupe production system." [Agron. J](#) 100 (2008): 1587-1593.

Weinert, T.L., W.L. Pan, M.R. Moneymaker, G.S. Santo, R.G. Steven. "Nitrogen recycling by nonleguminous winter cover crops to reduce leaching in potato rotations." [Agron. J.](#) 94 (2002): 365-372.

LEGUMES

ALFALFA

Chen, Senyu., Donald Wyse, Gregg Johnson, Paul Porter, Salliana Stetina, Daniel Miller, Kevin Betts, Lee Klossner, Milton Haar. "Effect of cover crops alfalfa, red clover, and perennial ryegrass on soybean cyst nematode population and soybean and corn yields in Minnesota." [Crop Science](#) 46 (2006): 1890-1897.

Griffin, Tim., Matt Liebman, John Jemison Jr. "Cover crops for sweet corn production in a short-season environment." [Agron. J.](#) 92 (2000): 144-151.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." [Agron. J.](#) 93 (2001): 308-313.

Meiss, Helmut, Lise Le Lagadec, Nicolas Munier-Jolain, Rainer Waldhardt, Sandrine Petit. "Weed seed predation increases with vegetation cover in perennial forage crops" [Agriculture, Ecosystems & Environment](#), Volume 138, Issues 1-2, 15 June 2010, Pages 10-16.

Singer, Jeremy and Kenneth Moore. "Living mulch nutritive value in a corn-soybean-forage rotation." [Agron.J.](#) 102 (2010): 282-288.

Stute, James and Joshua Posner. "Legume cover crop options for grain rotation in Wisconsin." [Agron. J.](#) 85 (1993): 1128-1132.

BIRDSFOOT TREFOIL

Duiker, S.J. and N.L. Hartwig. "Living mulches of legumes in Imidazolinone-resistant corn." [Agron. J.](#) 96 (2004): 1021-1028.

Hiltbrunner, Jurg., Markus Liedgens, Lucia Bloch, Peter Stamp, Bernhard Streit. "Legume cover crops as living mulches for winter wheat: Components of biomass and the control of weeds." [European J. of Agronomy](#) 26 (2007): 21-29.

LUPIN

Balandier, Philippe., Henri Frochot, Agnès Sourisseau . "Improvement of direct tree seeding with cover crops in afforestation: Microclimate and resource availability induced by vegetation composition" [Forest Ecology and Management](#), Volume 257, Issue 8, 31 March 2009, Pages 1716-1724.

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." [Soil Tillage and Research](#) 8 (1986): 253-263

Stoekeler, J.H. "Annual Lupines and other cover crops for the forest nurseries of the lake states." [Soil Science Society Proceedings](#), 1957: 543-546.

CLOVERS

Balandier, Philippe., Henri Frochot, Agnès Sourisseau . "Improvement of direct tree seeding with cover crops in afforestation: Microclimate and resource availability induced by vegetation composition" [*Forest Ecology and Management*](#), Volume 257, Issue 8, 31 March 2009, Pages 1716-1724.

Baributsa, Dieudonne, Eunice Fosterm Kurt Thelen, Alexandra Kravchenko, Dale Mutch, Mathieu Ngouajio. "Corn and cover crop response to corn density in an interseeding system." [*Agronomy Journal*](#) 100, no. 4 (2008): 931-987.

Bauer, Philip and Mitchell Roof. "Nitrogen, aldicarb, and cover crop effects on cotton yield and fiber properties." [*Agron. J.*](#) 96 (2004): 369-376.

Bergkvist, Göran., Maria Stenberg, Johanna Wetterlind, Birgitta Båth, Sara Elfstrand. "Clover cover crops under-sown in winter wheat increase yield of subsequent spring barley—Effect of N dose and companion grass" [*Field Crops Research*](#), Volume 120, Issue 2, 31 January 2011, Pages 292-298.

Blaser, Brock, Jeremy Singer, Lance Gibson. "Winter cereal, seeding rate, and intercrop seeding rate effects on red clover yield and quality." [*Agron. J.*](#) 99 (2007): 723-729.

Boquet, D.J., S.M. Dabney. "Reseeding, biomass, and nitrogen content of selected winter legumes in grain sorghum culture." [*Agron. J.*](#) 83 (1991): 144-148.

Brandsaeter, Lars Olav. and Jan Netland. "Winter annual legumes for use as cover crops in row crops in Northern Regions: I Field Experiment." [*Crop Science*](#) 39 (1999): 1369-1379.

Brandsaeter, Lars Olev., Heidi Heggan, Hugh Riley, Erling Stubhaug, Trond Henrikson. "Winter survival, biomass accumulation and N mineralization of winter annual and biennial legumes sown at various times of year in Northern Temperate regions." [*Europ. J. Agronomy*](#) 28 (2008): 437-448.

Campiglia, E. , R. Mancinelli, E. Radicetti, F. Caporali. "Effect of cover crops and mulches on weed control and nitrogen fertilization in tomato (*Lycopersicon esculentum* Mill)" [*Crop Protection*](#), Volume 29, Issue 4, April 2010, Pages 354-363.

Dyck, Elizabeth, Matt Liebman, M. Susan Erich "Crop-weed interference as influenced by a leguminous or synthetic fertilizer nitrogen source: I. Doublecropping experiments with crimson clover, sweet corn, and lambsquarters" [*Agriculture, Ecosystems & Environment*](#), Volume 56, Issue 2, December 1995, Pages 93-108.

Carter, M.R., C. Noronha, R.D. Peters, J. Kimpinski. "Influence of conservation tillage and crop rotation on the resilience of an intensive long-term potato cropping system: Restoration of soil biological properties after the potato phase." [*Agriculture, Ecosystems, and Environment*](#) 133 (2009): 32-39.

Chen, Senyu., Donald Wyse, Gregg Johnson, Paul Porter, Salliana Stetina, Daniel Miller, Kevin Betts, Lee Klossner, Milton Haar. "Effect of cover crops alfalfa, red clover, and perennial ryegrass on soybean cyst nematode population and soybean and corn yields in Minnesota." [*Crop Science*](#) 46 (2006): 1890-1897.

den Hollander, N.G., L. Bastiaans, M.J. Kropff. "Clover as a cover crop for weed suppression in an intercropping design II. Competitive ability of several cover species." [European J. of Agronomy](#) 26 (2007): 104-112.

Fisk, John., Oran Hesterman, Anil Shrestha, James Kells, Richard Harwood, John Squire, and Craig Sheaffer. "Weed suppression by annual legume cover crops in no-tillage corn." [Agron. J.](#) 93 (2001): 319-325.

Hamido, Said and K. Kpombekou-A. "Cover crop and tillage effects on soil enzyme activities following tomato." [Soil and Tillage Research](#) 105 (2009): 269-274.

Henry, David., Robery, Mullen, Clayton Dygert, Keith Diedrick, Alan Sundermeir. "Nitrogen contribution from red clover for corn following wheat in Western Ohio." [Agron. J.](#) 102 (2010): 210-215.

Hiltbrunner, J., B. Streit, M. Liedgens. "Are seeding densities an opportunity to increase grain yield of winter wheat in a living mulch of white clover?" [Field Crops Research](#) 102 (2007): 163-171.

Hiltbrunner, Jurg., Markus Liedgens, Lucia Bloch, Peter Stamp, Bernhard Streit. "Legume cover crops as living mulches for winter wheat: Components of biomass and the control of weeds." [European J. of Agronomy](#) 26 (2007): 21-29.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." [Agron. J.](#) 93 (2001): 308-313.

Holberbaum, J.F., A.M. Decker, J.J. Meisinger, F.R. Mulford, L.R. Vough. "Harvest management of a crimson clover cover crop for no-tillage corn production." [Agron. J.](#) 82 (1990): 918-923.

Holderbaum, J.F., A.M. Decker, J.J. Meisinger, F.R. Mulford, L.R. Vough. "Fall-seeded legume cover crops for no-tillage corn in the Humid East." [Agron. J.](#) 82 (1990): 117-124.

Hoyt, Greg. "Predicting nutrients from winter cover crops for no-till management." [HortScience](#) 21 (1986): 397-402.

Isik, D., E. Kaya, M. Ngouajio, H. Mennan. "Weed suppression in organic pepper with winter cover crops." [Crop Protection](#) 28 (2009): 356-363.

Isse, A.A., Angus MacKenzie, Katrine Stewart, Daniel Cloutier, Donald Smith. "Cover crops and nutrient retention for subsequent sweet corn production." [Agron. J.](#) 91 (1999): 934-939.

Jokela, William., John Grabber, Douglas, Karlen, Teri Balsler, Debra Palmquist. "Cover Crop and Liquid Manure Effects on Soil Quality Indicators in a Corn Silage System." [Agron. J.](#) 101 (2009): 727-737.

Malik, Ravi K ., T.H Green, G.F Brown, C.A Beyl, K.R Sistani, D.A Mays . "Biomass production of short-rotation bioenergy hardwood plantations affected by cover crops" [Biomass and Bioenergy](#), Volume 21, Issue 1, July 2001, Pages 21-33.

McVay, K.A., D.E. Radcliffe, W.L. Hargrove. "Winter legume effects on soil properties and nitrogen fertilizer requirements." [Soil Sci. Soc. Am. J.](#) 53 (1989): 1856-1862.

Odland, T.E. and H.C. Knoblauch. "The value of cover crops in continuous corn culture." *Agron. J.*, 1937: 22.

Po, Edgar., S.S. Snapp, A. Kravchenko. "Rotational and cover crop determinants of soil structural stability and carbon in a potato system." *Agron. J.* 101 (2009): 175-183.

Qi, Zhiming., Matthew Helmers, Amy Kaleita. "Soil water dynamics under various agricultural land covers on a subsurface drained field in north-central Iowa, USA." *Agricultural Water management* 98 (2011): 665-674.

Ranells, Noah and Michael Wagger. "Nitrogen release from grass and legume cover crop monocultures and bicultures." *Agron. J.* 88 (1996): 777-782.

Ranells, Noah and Michael Wagger. "Winter annual grass-legume bicultures for efficient nitrogen management in no-till corn." *Agriculture, Ecosystems and Environment* 65 (1997): 23-32.

Schomberg, H.H., R.G. McDaniel, E. Mallard, D.M. Endale, D.S. Fisher, M.L. Cabrera. "Conservation tillage and cover crop influences on cotton production on a Southeastern US coastal plain soil." *Agron. J.* 98 (2006): 1247-1256.

Singer, Jeremy and Kenneth Moore. "Living mulch nutritive value in a corn-soybean-forage rotation." *Agron.J.* 102 (2010): 282-288.

Snapp, S.S., S.M. Swinton, R. Labarta, D. Mutch, J.R. Black, R. Leep, K. O'Neil. "Evaluating cover crops for benefits, costs, and performance within cropping system niches." *Agron. J.* 97 (2005): 322-332.

Stute, James and Joshua Posner. "Legume cover crop options for grain rotation in Wisconsin." *Agron. J.* 85 (1993): 1128-1132.

Sumner, D.R., S.C. Phatak, J.D. Gay, R.B. Chalfant, K.E. Brunson, R.L. Bugg. "Soilborne pathogens in a vegetable double-crop with conservation tillage following winter cover crops." *Crop Protection* 14, no. 6 (1995): 495.

Vyn, T.J., K.J. Janovicek, M.H. Miller, E.G. Beauchamp. "Soil nitrate accumulation and corn response to preceding small grain fertilization and cover crops." *Agron. J.* 91 (1999): 17-24.

MEDICS

Brandsaeter, Lars Olav. and Jan Netland. "Winter annual legumes for use as cover crops in row crops in Northern Regions: I Field Experiment." *Crop Science* 39 (1999): 1369-1379.

Brandsaeter, Lars Olev., Heidi Heggan, Hugh Riley, Erling Stubhaug, Trond Henrikson. "Winter survival, biomass accumulation and N mineralization of winter annual and biennial legumes sown at various times of year in Northern Temperate regions." *Europ. J. Agronomy* 28 (2008): 437-448.

Edwards, Linnell . "Comparison of two spring seeding methods to establish forage cover crops in relay with winter cereals" *Soil and Tillage Research, Volume 45, Issues 3-4, 18 May 1998, Pages 227-235.*

Fisk, John., Oran Hesterman, Anil Shrestha, James Kells, Richard Harwood, John Squire, and Craig Sheaffer. "Weed suppression by annual legume cover crops in no-tillage corn." *Agron. J.* 93 (2001): 319-325.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." *Agron. J.* 93 (2001): 308-313.

PEAS

Akemo, Mary C., Emilie R. Regnier, Mark A. Bennett. "Weed suppression in spring sown rye (*Secale cereale*)-pea (*Pisum sativum*) cover crop mixes." *Weed Tech* 14, no. 3 (2000): 545-549.

Brennan, E.B., N.S. Boyd, R.F. Smith, P. Foster. "Comparison of rye and legume-rye cover crop mixtures for vegetable production in California." *Agron. J.* 103 (2011): 449-463.

Hively, W. Dean and William Cox. "Interseeding cover crops into soybean and subsequent corn yields." *Agron. J.* 93 (2001): 308-313.

Holderbaum, J.F., A.M. Decker, J.J. Meisinger, F.R. Mulford, L.R. Vough. "Fall-seeded legume cover crops for no-tillage corn in the Humid East." *Agron. J.* 82 (1990): 117-124.

Hoyt, Greg. "Predicting nutrients from winter cover crops for no- till management." *HortScience* 21 (1986): 397-402.

McVay, K.A., D.E. Radcliffe, W.L. Hargrove. "Winter legume effects on soil properties and nitrogen fertilizer requirements." *Soil Sci. Soc Am. J.* 53 (1989): 1856-1862.

Moroke, T.S., R.C. Schwartz, K.W. Brown, A.S.R. Juo. "Water use efficiency of dryland cowpea, sorghum, and sunflower under reduce tillage." *Soil and Tillage Research* 112 (2011): 76-84.

Ngouajio, M., M.E. McGiffen, C.M. Hutchinson. "Effect of cover crop and management system on weed populations in lettuce." *Crop Protection* 22 (2003): 57-64.

Reinbott, Tim., Shawn Conley, Dale Blevins. "No-tillage corn and grain sorghum response to cover crop and nitrogen fertilization." *Agron. J.* 96 (2004): 1158-1163.

Schomberg, H.H., R.G. McDaniel, E. Mallard, D.M. Endale, D.S. Fisher, M.L. Cabrera. "Conservation tillage and cover crop influences on cotton production on a Southeastern US coastal plain soil." [Agron. J.](#) 98 (2006): 1247-1256.

Snapp, S.S., S.M. Swinton, R. Labarta, D. Mutch, J.R. Black, R. Leep, K. O'Neil. "Evaluating cover crops for benefits, costs, and performance within cropping system niches." *Agron. J.* 97 (2005): 322-332.

Wang, G., M.E. McGiffen, Jr., E.J. Ogbuchiekwe, L. Butler. "Economic return of purple and yellow nutsedge management in vegetable production of southern California." *Crop Protection* 28 (2009): 319-326.

Wang, G., N. Ngouajio, M.E. McGiffen, C.M. Hutchinson. "Summer cover crop and management system affect lettuce and cantaloupe production system." *Agron. J* 100 (2008): 1587-1593.

SOYBEANS

Ketterings, Q.M. , J.M. Blair, J.C.Y. Marinissen. "Effects of earthworms on soil aggregate stability and carbon and nitrogen storage in a legume cover crop agroecosystem" *Soil Biology and Biochemistry*, Volume 29, Issues 3-4, March-April 1997, Pages 401-408.

Qi, Zhiming., Matthew Helmers, Amy Kaleita. "Soil water dynamics under various agricultural land covers on a subsurface drained field in north-central Iowa, USA." [Agricultural Water management](#) 98 (2011): 665-674.

Smith, M.K., Smith, J.P., G.R. Striling. "Integration of minimum tillage, crop rotation and organic amendments into a ginger farming system: Impacts on yield and soilborne diseases." [Soil and Tillage Research](#), 2011: IN Press.

SUNN HEMP

Abdul-baki, Aref A., Herbert H Bryan, Gladis M. Zinati, Waldemar Klassen, Merlyn Codallo, Nolan Heckert. "Biomass yield and flower production in Sunn Hemp: Effect of cutting the main stem." *Journal of Vegetable Crop Production* 7, no. 1 (2001): 83-104.

[Balkcon, Kipling](#) and Reeves, D. Wayne. "Sunn-Hemp utilized as a legume cover crop for corn production."

Calonego, Juliano C. , Ciro A. Rosolem. "Soybean root growth and yield in rotation with cover crops under chiseling and no-till" *European Journal of Agronomy, Volume 33, Issue 3, October 2010, Pages 242-249.*

Cantrall, Keri., Philip Bauer, Kyoung S. Ro. "Utilization of summer legumes as bioenergy feedstocks." [Biomass and Bioenergy](#) 34 (2010): 1961-1967.

Cook, C.G. and A.W. Scorr Jr. "Plant population effects on stalk growth, yield, and bark fiber content of sunn hemp" [Industrial Crops and Products](#), Volume 8, Issue 2, May 1998, Pages 97-103.

Munoz-Carpena, R., A. Ritter, D.D. Bosch, B. Schaffer, T.L. Potter. "Summer cover crop impacts on soil percolation and nitrogen leaching from a winter corn field." [Agricultural Water Management](#) 95 (2008): 633-644.

Mosjidis, Jorge and Glenn Wehtje. "Weed control in sunn hemp and its ability to suppress weed growth." [*Crop Protection*](#) 30 (2011): 70-73.

VETCHES

Baributsa, Dieudonne, Eunice Fosterm Kurt Thelen, Alexandra Kravchenko, Dale Mutch, Mathieu Ngouajio. "Corn and cover crop response to corn density in an interseeding system." [*Agronomy Journal*](#) 100, no. 4 (2008): 931-987.

Blevins, R.L., J.H. Herbeck, W.W. Frye. "Legume cover crops as a nitrogen source for no-till corn and grain sorghum." *Agron. J.* 82 (1990): 769-772.

Boquet, D.J., S.M. Dabney. "Reseeding, biomass, and nitrogen content of selected winter legumes in grain sorghum culture." *Agron. J.* 83 (1991): 144-148.

Boquet, Donald., Robert Hutchinson, Gary Breitenbeck. "Long-term tillage, cover crop, and nitrogen rate effects on cotton: Yield and fiber properties." *Agron. J.* 96 (2004): 1436-1442.

Brandsaeter, Lars Olav. and Jan Netland. "Winter annual legumes for use as cover crops in row crops in Northern Regions: I Field Experiment." *Crop Science* 39 (1999): 1369-1379.

Brandsaeter, Lars Olev., Heidi Heggan, Hugh Riley, Erling Stubhaug, Trond Henrikson. "Winter survival, biomass accumulation and N mineralization of winter annual and biennial legumes sown at various times of year in Northern Temperate regions." [*Europ. J. Agronomy*](#) 28 (2008): 437-448.

Brennan, E.B., N.S. Boyd, R.F. Smith, P. Foster. "Comparison of rye and legume-rye cover crop mixtures for vegetable production in California." *Agron. J.* 103 (2011): 449-463.

Campiglia, E. , R. Mancinelli, E. Radicetti, F. Caporali. "Effect of cover crops and mulches on weed control and nitrogen fertilization in tomato (*Lycopersicon esculentum* Mill)" [*Crop Protection*](#), Volume 29, Issue 4, April 2010, Pages 354-363.

Clark, A.J., J.J. Meisinger, A.M. Decker, F.R. Mulford. "Effects of grass selective herbicide in a vetch-rye cover crop system on corn grain yield and soil moisture." *Agron. J.* 99 (2007): 43-48.

Clark, Andrew., Alvin Decker, John Meisinger, Marla McIntosh. "Kill date of vetch, rye, and a vetch-rye mixture: I Cover crop and corn nitrogen." *Agron. J.* 89 (1997): 427-434.

Clark, Andrew., Alvin Decker, John Mesinger, Marla McIntosh. "Kill date of vetch, rye, and a vetch-rye mixture: II. Soil moisture and corn yield." *Agron. J.* 89 (1997): 434-441.

Cook, Justine., Robert Gallagher, Jason Kaye, Jonathon Lynch, Brosi Bradley. "Optimizing vetch nitrogen production and corn nitrogen accumulation under no-till management." *Agron. J.* 102 (2010): 1491-1499.

Czapar, George F. , F William Simmons, Don G Bullock. "Delayed control of a hairy vetch (*Vicia villosa* Roth) cover crop in irrigated corn production" [*Crop Protection*](#), Volume 21, Issue 6, July 2002, Pages 507-510

Derpsch, R., N. Sidiras, C.H. Roth. "Results of studies made from 1977 to 1984 to control erosion by cover crops and no-tillage technique in Brazil." [Soil Tillage and Research](#) 8 (1986): 253-263.

Faega, Jeffery., John Selker, Richard Dick, Delbert Hemphill. "Long-term nitrate leaching under vegetable production with cover crops in the Pacific Northwest." *Soil Sci. Soc. Am. J* 74 (2009): 186-195.

Folorunso, O.A. , D.E. Rolston, T. Prichard, D.T. Loui. "Soil surface strength and infiltration rate as affected by winter cover crops" *Soil Technology, Volume 5, Issue 3, October 1992, Pages 189-197.*

Gabriel, J.L. , M. Quemada . "Replacing bare fallow with cover crops in a maize cropping system: Yield, N uptake and fertiliser fate" *European Journal of Agronomy, Volume 34, Issue 3, April 2011, Pages 133-143.*

Griffin, Tim., Matt Liebman, John Jemison Jr. "Cover crops for sweet corn production in a short-season environment." *Agron. J.* 92 (2000): 144-151.

Holberbaum, J.F., A.M. Decker, J.J. Meisinger, F.R. Mulford, L.R. Vough. "Harvest management of a crimson clover cover crop for no-tillage corn production." *Agron. J.* 82 (1990): 918-923.

Hoyt, Greg. "Predicting nutrients from winter cover crops for no- till management." [HortScience](#) 21 (1986): 397-402.

Hu, S., N.J. Grunwald, A.H.C. van Bruggen, G.R. Gamble, L.E. Drinkwater, C. Shennan, M.W. Demment. "Short-term effects of cover crop incorporation on soil carbon pools and nitrogen availability." *Soil Sci. Soc. Am J* 61 (1997): 901-911.

Isik, D., E. Kaya, M. Ngouajiom H. Mennan. "Weed suppression in organic pepper with winter cover crops." [Crop Protection](#) 28 (2009): 356-363.

Kuo, Shiou and Eric Jellum. "Influence of winter cover crop and residue management on soil nitrogen availability and corn." *Agron. J.* 94 (2002): 501-508.

McVay, K.A., D.E. Radcliffe, W.L. Hargrove. "Winter legume effects on soil properties and nitrogen fertilizer requirements." [Soil Sci. Soc Am. J.](#) 53 (1989): 1856-1862.

Miguez, Fernando and German Bollero. "Winter cover crops in Illinois: Evaluation of ecophysiological characteristics of corn." [Crop Science](#) 46 (2006): 1536-1545.

Mischler, Ruth., Sjoerd Duiker, William Curran, David Wilson. "Hairy vetch management for no-till organic corn production." [Agron. J.](#), 2010: 102.

Ngouajio, M. and H. Mennan . "Weed populations and pickling cucumber (*Cucumis sativus*) yield under summer and winter cover crop systems." [Crop Protection, Volume 24, Issue 6, June 2005, Pages 521-526.](#)
Po, Edgar., S.S. Snapp, A. Kravchenko. "Rotational and cover crop determinants of soil structural stability and carbon in a potato system." *Agron. J.* 101 (2009): 175-183.

Ranells, Noah and Michael Wagger. "Nitrogen release from grass and legume cover crop monocultures and bicultures." *Agron. J.* 88 (1996): 777-782.

Ranells, Noah and Michael Wagger. "Winter annual grass-legume bicultures for efficient nitrogen management in no-till corn." *Agriculture, Ecosystems and Environment* 65 (1997): 23-32.

Reinbott, Tim., Shawn Conley, Dale Blevins. "No-tillage corn and grain sorghum response to cover crop and nitrogen fertilization." *Agron. J.* 96 (2004): 1158-1163.

Ruffo, Matias., Donald Bullock, German Bollero. "Soybean yield as affected by biomass and nitrogen uptake of cereal rye in winter cover crop rotations." *Agron. J.* 96 (2004): 800-805.

Sainju, U.M., B. P. Singh, W.F. Whitehead. "Tillage, cover crops, and nitrogen fertilization effects on cotton and sorghum root biomass, carbon, and nitrogen." *Agron. J.* 97 (2005): 1279-1290.

Sainju, U.M., B.P. Singh, W.F. Whitehead, S. Wang. "Accumulation and crop uptake of soil mineral nitrogen as influenced by tillage, cover crops, and nitrogen fertilization." *Agron. J.* 99 (2007): 682-691.

Salmeron, Montserrat., Jose Cavero, Dolores Quilez, Ramon Isla. "Winter cover crops affect monoculture maize yields and nitrogen leaching under irrigated Mediterranean conditions." *Agron. J.* 102 (2010): 1700-1709.

Schomberg, H.H., R.G. McDaniel, E. Mallard, D.M. Endale, D.S. Fisher, M.L. Cabrera. "Conservation tillage and cover crop influences on cotton production on a Southeastern US coastal plain soil." [*Agron. J.* 98 \(2006\): 1247-1256.](#)

Starovoytov, A., R.S. Gallagher, H.L. Jacobsen, J.P. Kaye, B. Bradley. "Management of small grain residues to retain legume-derived nitrogen in corn cropping systems." *Agron. J.* 102 (2010): 895-903.

Stute, James and Joshua Posner. "Legume cover crop options for grain rotation in Wisconsin." *Agron. J.* 85 (1993): 1128-1132.

Sumner, D.R., S.C. Phatak, J.D. Gay, R.B. Chalfant, K.E. Brunson, R.L. Bugg. "Soilborne pathogens in a vegetable double-crop with conservation tillage following winter cover crops." [*Crop Protection* 14, no. 6 \(1995\): 495.](#)

Teasdale, J.R., T.E. Devine, J.A. Mosjidis, R.R. Bellinder, C.E. Beste. "Growth and development of hairy vetch cultivars in the Northeastern US as influenced by planting and harvesting date." *Agron. J.* 96 (2004): 1266-1271.

Villamil, M.B., G.A. Bollero, R.G. Darmondy, F.W. Simmons, D.G. Bullock. "No-till corn/soybean systems including winter cover crops: Effects on soil properties." *SSSAJ* 70 (2006): 1936-1944.

Zotarelli, L., L. Avila, M.S. Scholberg, B.J.R. Alves. "Benefits of vetch and rye cover crops to sweet corn under no-tillage." *Agron. J.* 101 (2009): 252-260.

YELLOW BLOSSOM SWEET CLOVER

Blackshaw, Robert, James Moyer, Ray Doran, A. Lyle Boswell. "Yellow sweetclover, green manure, and its residue effectively suppress weeds during fallow." *Weed Science* 49, no. 3 (2001): 406-413.

Blackshaw, Robert, Louis Molnar, James Moyer. "Sweet clover termination effects on weeds, soil water, soil nitrogen, and succeeding wheat yield." *Agron. J.* 102 (2010): 634-641.

Brandsaeter, Lars Olev., Heidi Heggan, Hugh Riley, Erling Stubhaug, Trond Henrikson. "Winter survival, biomass accumulation and N mineralization of winter annual and biennial legumes sown at various times of year in Northern Temperate regions." *Europ. J. Agronomy* 28 (2008): 437-448.

Duiker, S.J. and N.L. Hartwig. "Living mulches of legumes in Imidazolinone-resistant corn." *Agron. J.* 96 (2004): 1021-1028.

Stute, James and Joshua Posner. "Legume cover crop options for grain rotation in Wisconsin." *Agron. J.* 85 (1993): 1128-1132.

GENERAL INFO

Bilbro, J.D. and D.W. Fryrear. "Annual herbaceous windbarriers for protecting crops and soils and managing snowfall." *Agriculture, Ecosystems & Environment, Volumes 22-23, August 1988, Pages 149-161.*

Blaser, Brock, Jeremy Singer, Lance Gibson. "Winter cereal, seeding rate, and intercrop seeding rate effects on red clover yield and quality." *Agron. J.* 99 (2007): 723-729.

Bodner, G. W., Loiskandl, H., P. Kaul. "Cover crop evapo-transpiration under semi-arid conditions using FAO dual crop coefficient method with water stress compensation." *Agricultural Water Management* 93 (2007): 85-98.

Boutin, A. Baril, P.A. Martin. "Plant diversity in crop fields and woody hedgerows of organic and conventional farms in contrasting landscapes" *Agriculture, Ecosystems & Environment, Volume 123, Issues 1-3, January 2008, Pages 185-193C.*

Bugg, Robert L. , Carol Waddington. "Using cover crops to manage arthropod pests of orchards: A review." *Agriculture, Ecosystems & Environment, Volume 50, Issue 1, August 1994, Pages 11-28.*

Drinkwater, L.E., P. Wagoner, M. Sarrantonio. "Legume-based cropping systems have reduced carbon and nitrogen losses." *Nature* 396 (1998): 262-265.

Endelmann, Jeffery., Jennifer Reeve, Daniel Drost. "A new decay series for organic crop production." *Agron. J.* 102 (2010): 457-463

Franzluebbers, Alan., John Stuedemann. "Soil physical responses to cattle grazing cover crops under conventional and no tillage in the Southern Piedmont USA." *Soil and Tillage Research* 100 (2008): 141-153.

Franzluebbers, Alan J. "Achieving soil organic carbon sequestration with conservation agricultural systems in the Southeastern United States." *Soil Sci. Soc. J.* 74 (2010): 347-357.

Frye, W.W. , J.H. Herbek, R.L. Blevins, M. Utomo, J.J. Varco. "Legume cover crops as nitrogen source and mulch in no-tillage corn production" *Soil and Tillage Research, Volume 8, November 1986, Pages 340-341*.

Ghebremichael, L.T., T.L. Veith, P.E. Cerosaletti, D.E. Dewing, C.A. Rotz. "Exploring economically and environmentally viable northeastern US dairy farm strategies for coping with rising corn grain prices." *J. Dairy Sci.* 92 (2009): 4086-4099.

Gillespie, A.R. , B.K. Miller, K.D. Johnson . "Effects of ground cover on tree survival and growth in filter strips of the Cornbelt Region of the Midwestern US . " *Agriculture, Ecosystems & Environment, Volume 53, Issue 3, May 1995, Pages 263-270*

Havlin, J.L., D.E. Kisse, L.D. Maddux, M.M. Claassen, J.H. Long. "Crop rotation and tillage effects on soil organic carbon and nitrogen." *Soil Sci. Soc. Am. J.* 54 (1990): 448-452.

Hendrix, P.F. , Chun-Ru Han, P.M. Groffman. "Soil respiration in conventional and no-tillage agroecosystems under different winter cover crop rotations" *Soil and Tillage Research, Volume 12, Issue 2, August 1988, Pages 135-148*.

Hermawan, B and A.A. Bomke. "Effects of winter cover crops and successive spring tillage on soil aggregation." *Soil and Tillage Research* 44 (1997): 109-120.

Hobbie, Sarah. "Effects of plant species on nutrient cycling." *TREE* 7, no. 10 (1992): 336-339.

Kelly, Terry C., Yao-chi Lu, John Teasdale . "Economic-environmental tradeoffs among alternative crop rotations" *Agriculture, Ecosystems & Environment, Volume 60, Issue 1, November 1996, Pages 17-28*.

Malone, R.W., L. Ma, P. Heilman, D.L. Karlen, R.S. Kanwar, L.J. Hatfield. "Simulated N management effects on corn yield and tile-drainage nitrate loss." *GEODERMA* 140 (2007): 272-283.

Miguez, Fernando and German Bollero. "Review of corn yield response under winter cover cropping systems using meta-analytic methods." *Crop Science* 45 (2005): 2318-2329.

Mkoga, Z.J., S.D. Tumbo, N. Kihupi, J. Semoka. "Extrapolation effects of conservation tillage on yield, soil moisture and dry spell mitigation using simulation modelling." *Physics and Chemistry of the Earth* 35 (2010): 686-698.

Munoz, Juan David, Andrew O. Finley, Ron Gehl, Sasha Kravchenko . "Nonlinear hierarchical models for predicting cover crop biomass using Normalized Difference Vegetation Index" *Remote Sensing of Environment, Volume 114, Issue 12, 15 December 2010, Pages 2833-2840*.

Omonode, Rex., Doug Smith, Anita Gal, Tony Vyn. "Soil Nitrous oxide emission in corn following three decades of tillage and rotation treatments." *SSSAJ* 75 (2011): 152-163.

Pullaro, Thomas C., Paul C. Marino, D. Michael Jackson, Howard F. Harrison, Anthony P. Keinath. "Effects of killed cover crop mulch on weeds, weed seeds, and herbivores." *Agriculture, Ecosystems & Environment, Volume 115, Issues 1-4, July 2006, Pages 97-104*.

Ritter, W.F., R.W. Scarborough, A.E.M Chirnside. "Winter cover crops as a best management practice for reducing nitrogen leaching." *Contaminate Hydrology J.* 34 (1998): 1-15.

Sainju, U.M., B.P. Singh, W.F. Whitehead. "Comparison of the effects of cover crops and nitrogen fertilization on tomato yield, root growth, and soil properties." *Scientia Horticulturae* 91 (2001): 201-214.

Sirrine, JR. , D.K. Letourneau, C. Shennan, D. Sirrine, R. Fouch, L. Jackson, A. Mages. "Impacts of groundcover management systems on yield, leaf nutrients, weeds, and arthropods of tart cherry in Michigan, USA" *Agriculture, Ecosystems & Environment, Volume 125, Issues 1-4, May 2008, Pages 239-245.*

Smith, R.G. , K.L. Gross, S. Januchowski . "Earthworms and weed seed distribution in annual crops" *Agriculture, Ecosystems & Environment, Volume 108, Issue 4, 10 July 2005, Pages 363-367.*

Sulc, R. M., and N.F. Tracy. "Integrated crop-livestock systems in the US corn belt." *Agron. J.* 99 (2007): 335-345.

Triplett, G.B. and W.A. Dick. "No-tillage crop production: A revolution in Agriculture!" *Agron. J.*, 2008: s-153-s-165.

Tonitto, M.B., L.E. Drinkwater. "Replacing bare fallows with cover crops in fertilizer-intensive cropping systems: A meta-analysis of crop yield and N dynamics." *Agriculture, Ecosystems & Environment, Volume 112, Issue 1, January 2006, Pages 58-72C.*

Gyssels, G., J. Poesem, A. Knapen, W. Van Dessel, J. Leonard. "Effects of double drilling of small grains on soil erosion by concentrated flow and crop yield." *Soil and Tillage Research* 93 (2007): 379-390.

Hoyt, Greg. "Applying butylate- and EPTC-impregnated fertilizer to a cover crop for weed control in no-till corn." *Crop Protection* 14, no. 1 (1995): 75-79.

OTHER COVER CROPS

Brennan, E.B., N.S. Boyd, R.F. Smith, P. Foster. "Comparison of rye and legume-rye cover crop mixtures for vegetable production in California." *Agron. J.* 103 (2011): 449-463.

Brennan, Eric., Nathan Boyd, Richard Smith, Phil Foster. "Seeding rate and planting arrangement effects on growth and weed suppression of legume-oat cover crop for organic systems." *Agron. J.* 101 (2009): 979-988.

Hooks, Cerruti R.R. , Koon-Hui Wang, Antoon Ploeg, Robert McSorley . "Using marigold (*Tagetes* spp.) as a cover crop to protect crops from plant-parasitic nematodes" *Applied Soil Ecology, Volume 46, Issue 3, November 2010, Pages 307-320.*