

Full list of studies included in the database (in alphabetical order).

1. Bernstein ER, Posner JL, Stoltenberg DE, Hedtcke JL (2011) Organically managed no-tillage rye-soybean systems: Agronomic, economic, and environmental assessment. *Agron J* 103:1169–1179. doi: 10.2134/agronj2010.0498
2. Cornelius CD, Bradley KW (2017) Influence of Various Cover Crop Species on Winter and Summer Annual Weed Emergence in Soybean. *Weed Technol* 31:503–513. doi: 10.1017/wet.2017.23
3. Crawford LE, Williams MM, Wortman SE (2018) An early-killed rye (*Secale cereale*) cover crop has potential for weed management in edamame (*Glycine max*). *Weed Sci* 66:502–507. doi: 10.1017/wsc.2018.5
4. Currie RS, Klocke NL (2005) Impact of a terminated wheat cover crop in irrigated corn on atrazine rates and water use efficiency. *Weed Sci* 53:709–716. doi: 10.1614/ws04-170r1.1
5. Davis AS (2010) Cover-Crop Roller-Crimper Contributes to Weed Management in No-Till Soybean. *Weed Sci* 58:300–309. doi: 10.1614/ws-d-09-00040.1
6. De Bruin JL, Porter PM, Jordan NR (2005) Use of a rye cover crop following corn in rotation with soybean in the upper Midwest. *Agron J* 97:587–598. doi: 10.2134/agronj2005.0587
7. Delate K, Cwach D, Chase C (2012) Organic no-tillage system effects on soybean, corn and irrigated tomato production and economic performance in Iowa, USA. *Renew Agric Food Syst* 27:49–59. doi: 10.1017/S1742170511000524
8. Fisk JW, Hesterman OB, Shrestha A, et al (2001) Weed suppression by annual legume cover crops in no-tillage corn. *Agron J* 93:319–325. doi: 10.2134/agronj2001.932319x
9. Forcella F (2014) Short- and full-season soybean in stale seedbeds versus rolled-crimped winter rye mulch. *Renew Agric Food Syst* 29:92–99. doi: 10.1017/S1742170512000373
10. Gallagher RS, Cardina J, Loux M (2003) Integration of cover crops with postemergence herbicides in no-till corn and soybean. *Weed Sci* 51:995–1001. doi: 10.1614/p2002-062
11. Gieske MF, Wyse DL, Durgan BR (2016) Spring- and Fall-Seeded Radish Cover-Crop Effects on Weed Management in Corn. *Weed Technol* 30:559–572. doi: 10.1614/wt-d-15-00023.1
12. Hoffman ML, Regnier EE, Cardina J (1993) Weed and corn (*Zea mays*) responses to a hairy vetch (*Vicia villosa*) cover crop. *Weed Technol* 7: 594-599. Doi:10.1017/S0890037X00037398
13. Mock VA, Creech JE, Ferris VR, et al (2012) Influence of Winter Annual Weed Management and Crop Rotation on Soybean Cyst Nematode (*Heterodera glycines*) and Winter Annual Weeds: Years Four and Five . *Weed Sci* 60:634–640. doi: 10.1614/ws-d-11-00192.1
14. Werle R, Burr C, Blanco-Canqui H (2017) Cereal rye cover crop suppresses winter annual weeds. *Can J Plant Sci* 98:498–500. doi: 10.1139/CJPS-2017-0267
15. Williams MM, Mortensen DA, Doran JW (1998) Assessment of weed and crop fitness in cover crop residues for integrated weed management. *Weed Sci* 46:595–603. doi: 10.1017/s0043174500091153