

2011 Illinois Soil Conservation Transect Survey

Soybean Tillage Systems Report

Percent (Number) of Soybean fields with indicated Tillage System for each County.

| County | Conventional | Reduced | Mulch-till | No-till | Total |
|---------------|---------------------|----------------|-------------------|----------------|--------------|
| Adams | 12 (31) | 26 (66) | 16 (41) | 45 (114) | (252) |
| Alexander | 45 (21) | 6 (3) | 4 (2) | 45 (21) | (47) |
| Bond | 13 (22) | 0 (0) | 70 (119) | 17 (29) | (170) |
| Boone | 14 (15) | 20 (22) | 35 (38) | 31 (34) | (109) |
| Brown | 17 (27) | 26 (40) | 15 (23) | 42 (65) | (155) |
| Bureau | 0 (0) | 26 (35) | 31 (41) | 43 (58) | (134) |
| Calhoun | 6 (3) | 26 (14) | 11 (6) | 57 (30) | (53) |
| Carroll | 4 (4) | 16 (16) | 45 (45) | 34 (34) | (99) |
| Cass | 0 (0) | 1 (2) | 38 (71) | 61 (116) | (189) |
| Champaign | 17 (41) | 30 (73) | 22 (52) | 31 (75) | (241) |
| Christian | 4 (8) | 89 (177) | 0 (0) | 7 (13) | (198) |
| Clark | 34 (81) | 37 (88) | 12 (29) | 17 (40) | (238) |
| Clay | 22 (63) | 8 (23) | 13 (37) | 57 (161) | (284) |
| Clinton | 20 (77) | 1 (2) | 18 (71) | 61 (235) | (385) |
| Coles | 7 (14) | 23 (45) | 60 (116) | 10 (19) | (194) |
| Crawford | 7 (16) | 12 (27) | 33 (77) | 48 (111) | (231) |
| Cumberland | 19 (59) | 38 (118) | 22 (68) | 21 (64) | (309) |
| De Kalb | 6 (7) | 29 (32) | 38 (42) | 28 (31) | (112) |
| De Witt | 5 (13) | 15 (40) | 51 (137) | 29 (78) | (268) |
| Douglas | 7 (14) | 31 (59) | 25 (47) | 36 (68) | (188) |
| Edgar | 4 (9) | 0 (0) | 27 (55) | 69 (143) | (207) |
| Edwards | 11 (21) | 0 (0) | 10 (19) | 79 (149) | (189) |
| Effingham | 26 (73) | 23 (65) | 31 (88) | 21 (60) | (286) |
| Fayette | 28 (103) | 16 (60) | 32 (116) | 24 (87) | (366) |
| Ford | 3 (7) | 9 (23) | 53 (130) | 35 (85) | (245) |
| Franklin | 37 (68) | 16 (29) | 8 (15) | 38 (70) | (182) |
| Fulton | 8 (16) | 23 (49) | 22 (47) | 47 (101) | (213) |
| Gallatin | 0 (1) | 61 (137) | 10 (22) | 28 (63) | (223) |
| Greene | 24 (53) | 0 (0) | 33 (74) | 43 (96) | (223) |
| Grundy | 12 (24) | 13 (27) | 6 (13) | 69 (142) | (206) |
| Hamilton | 27 (45) | 11 (19) | 10 (17) | 52 (87) | (168) |
| Hancock | 4 (9) | 26 (57) | 40 (88) | 30 (66) | (220) |
| Hardin | 54 (7) | 0 (0) | 0 (0) | 46 (6) | (13) |
| Henderson | 1 (1) | 12 (18) | 42 (61) | 45 (65) | (145) |
| Henry | 4 (9) | 18 (37) | 32 (65) | 46 (93) | (204) |
| Iroquois | 7 (12) | 12 (22) | 43 (78) | 38 (70) | (182) |
| Jasper | 16 (43) | 28 (74) | 14 (38) | 41 (108) | (263) |
| Jefferson | 15 (27) | 20 (36) | 34 (61) | 31 (57) | (181) |
| Jersey | 10 (18) | 19 (32) | 13 (22) | 58 (100) | (172) |
| Jo Daviess | 3 (2) | 10 (6) | 46 (27) | 41 (24) | (59) |
| Johnson | 19 (9) | 0 (0) | 4 (2) | 77 (37) | (48) |
| Kankakee | 8 (14) | 15 (27) | 30 (55) | 47 (86) | (182) |
| Kendall | 12 (16) | 11 (15) | 21 (29) | 56 (77) | (137) |
| Knox | 1 (1) | 7 (9) | 27 (36) | 65 (85) | (131) |
| La Salle | 33 (61) | 0 (0) | 28 (51) | 39 (71) | (183) |

| County | Conventional | Reduced | Mulch-till | No-till | Total |
|---------------|---------------------|----------------|-------------------|----------------|--------------|
| Lawrence | 19 (39) | 20 (42) | 42 (88) | 19 (39) | (208) |
| Lee | 3 (3) | 27 (31) | 40 (46) | 30 (34) | (114) |
| Livingston | 9 (18) | 25 (48) | 21 (41) | 44 (84) | (191) |
| Logan | 2 (4) | 12 (22) | 52 (96) | 34 (63) | (185) |
| McDonough | 9 (17) | 31 (60) | 10 (20) | 50 (98) | (195) |
| McHenry | 14 (17) | 9 (11) | 18 (21) | 59 (70) | (119) |
| McLean | 5 (11) | 21 (42) | 42 (84) | 32 (64) | (201) |
| Macon | 10 (21) | 68 (136) | 0 (0) | 22 (44) | (201) |
| Macoupin | 4 (6) | 24 (36) | 36 (55) | 36 (54) | (151) |
| Madison | 40 (66) | 30 (49) | 8 (13) | 21 (35) | (163) |
| Marion | 19 (41) | 14 (31) | 32 (68) | 35 (74) | (214) |
| Marshall | 14 (20) | 0 (0) | 66 (94) | 20 (29) | (143) |
| Mason | 5 (10) | 38 (81) | 22 (47) | 35 (74) | (212) |
| Massac | 9 (10) | 7 (8) | 4 (5) | 80 (94) | (117) |
| Menard | 1 (1) | 15 (28) | 41 (78) | 44 (84) | (191) |
| Mercer | 0 (0) | 13 (22) | 32 (54) | 54 (91) | (167) |
| Monroe | 35 (44) | 24 (30) | 23 (28) | 18 (22) | (124) |
| Montgomery | 3 (7) | 22 (47) | 46 (96) | 28 (59) | (209) |
| Morgan | 13 (39) | 2 (7) | 46 (138) | 38 (113) | (297) |
| Moultrie | 13 (28) | 27 (58) | 38 (81) | 23 (49) | (216) |
| Ogle | 7 (8) | 32 (39) | 31 (38) | 30 (37) | (122) |
| Peoria | 4 (7) | 12 (23) | 19 (37) | 66 (132) | (199) |
| Perry | 0 (0) | 3 (5) | 12 (24) | 86 (171) | (200) |
| Piatt | 15 (38) | 31 (80) | 21 (53) | 33 (85) | (256) |
| Pike | 1 (2) | 24 (34) | 12 (17) | 62 (88) | (141) |
| Pope | 27 (22) | 0 (0) | 10 (8) | 64 (53) | (83) |
| Pulaski | 26 (22) | 13 (11) | 6 (5) | 55 (46) | (84) |
| Putnam | 4 (3) | 1 (1) | 30 (21) | 64 (45) | (70) |
| Randolph | 0 (0) | 8 (19) | 16 (39) | 76 (185) | (243) |
| Richland | 17 (38) | 11 (25) | 32 (72) | 39 (87) | (222) |
| Rock Island | 17 (23) | 12 (16) | 23 (31) | 49 (67) | (137) |
| St. Clair | 29 (33) | 25 (28) | 7 (8) | 39 (45) | (114) |
| Saline | 26 (47) | 14 (26) | 9 (17) | 51 (92) | (182) |
| Sangamon | 16 (25) | 34 (53) | 23 (37) | 27 (43) | (158) |
| Schuyler | 12 (32) | 43 (116) | 26 (71) | 19 (52) | (271) |
| Scott | 3 (5) | 22 (40) | 17 (30) | 59 (106) | (181) |
| Shelby | 30 (108) | 47 (168) | 13 (47) | 11 (38) | (361) |
| Stark | 0 (1) | 14 (32) | 36 (80) | 49 (108) | (221) |
| Stephenson | 7 (9) | 17 (21) | 36 (44) | 39 (47) | (121) |
| Tazewell | 7 (10) | 23 (35) | 28 (43) | 42 (63) | (151) |
| Union | 28 (29) | 6 (6) | 10 (10) | 57 (59) | (104) |
| Vermilion | 8 (16) | 28 (55) | 23 (46) | 40 (79) | (196) |
| Wabash | 31 (62) | 27 (54) | 21 (41) | 20 (40) | (197) |
| Warren | 1 (1) | 6 (9) | 26 (41) | 68 (106) | (157) |
| Washington | 47 (119) | 16 (41) | 0 (0) | 37 (94) | (254) |
| Wayne | 19 (31) | 12 (19) | 12 (19) | 58 (95) | (164) |
| White | 15 (32) | 9 (19) | 9 (18) | 67 (138) | (207) |
| Whiteside | 17 (17) | 14 (14) | 16 (16) | 53 (52) | (99) |
| Will | 24 (40) | 22 (38) | 3 (5) | 51 (87) | (170) |
| Williamson | 39 (36) | 1 (1) | 8 (7) | 53 (49) | (93) |
| Winnebago | 9 (17) | 18 (34) | 25 (47) | 48 (90) | (188) |
| Woodford | 10 (17) | 14 (23) | 29 (49) | 47 (80) | (169) |
| Total | 13.7% | 19.9% | 25.2% | 41.2% | 100% |