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| Table 2. Cover crop treatments, seeding rates, and niches represented. | |
| Species (seeding rate, lbs/ac) | Niches represented\* |
| No cover crop | None |
| Sunn hemp (20) | WK-NF |
| Soybean (80) | WK-NF |
| Red clover ‘Medium’ (12) | WH-NF |
| Hairy vetch ‘Purple Bounty’ (25) | WH-NF |
| Forage radish ‘Tillage radish’ (10) | WK-NS |
| Oats ‘Viking’ (112) | WK-NS |
| Canola ‘Wichita’ (11) | WH-NS |
| Cereal rye ‘Huron’ (120) | WH-NS |
| Canola (4) + cereal rye (60) + barley (48) + ryegrass (14) | WH-NS |
| Canola (4) + cereal rye (60) + forage radish (3) + oats (64) | WH+WK-NS |
| Canola (4) + cereal rye (60) + red clover (5) + hairy vetch (10) | WH-NS+NF |
| Canola (4) + cereal rye (60) + sunn hemp (10) + soybean (40) | WH-NS, WK-NF |
| Forage radish (3) + oats (64) + red clover (5) + hairy vetch (10) | WK-NS, WH-NF |
| Forage radish (3) + oats (64) + sunn hemp (10) + soybean (40) | WK-NS+NF |
| Forage radish (3) + oats (64) + sorghum sudangrass (20) + foxtail millet (15) | WK-NS |
| Sunn hemp (10) + soybean (40) + red clover (5) + hairy vetch (10) + forage radish (3) + oats (64) + canola (4) + cereal rye (60) | All |
| Forage radish (3) + oats (64) + sorghum sudangrass (20) + foxtail millet (15) + canola (4) + cereal rye (60) + barley (48) + ryegrass (14)\*\* | WH+WK-NS |
| \*WK = winter kill, WH = winter hardy, NF = nitrogen fixer, NS = nitrogen scavenger  \*\*Mixture included only in year 2 | |