

Cover Crop Species ¹

Cover Crop Species	Full Seeding Rate Drilled² (lbs. PLS/acre)	Full Seeding Rate Broadcast (lbs. PLS/acre)	Full Seeding Rate Aerial (lbs. PLS/acre)
Barley	30-90	40-100	40-100
Buckwheat	20-35	25-40	25-40
Clover, Balansa	5-8	6-10	6-10
Clover, Berseem	8-15	9-17	10-18
Clover, Crimson	10-20	12-25	12-24
Clover, Red	8-10	8-10	10-12
Collards or Kale	2-4	2-4	2-4
Cowpeas	50-90	60-100 ³	NR ³
Flax	3	4	4
Millet, Japanese	10-12	12-25 ³	NR ³
Millet, Pearl	10-12	12-25 ³	NR ³
Mustard, Oriental	2-4	2-4	NR ³
Oats, Spring	50-70	60-90	60-90
Pea, Field/Winter	25-50	30-60 ³	NR ³
Phacelia	3	4	4
Radish, Oilseed/Forage	4-8	5-10	5-10
Rapeseed/Canola	2-5	2-5	2-6
Rye, Cereal	30-90	40-100	40-100
Ryegrass, Annual	10-15	12-15	12-18
Sorghum, Grain	5-8	8-10	NR
Sorghum, Forage	4-8	6-12	NR
SorghumXSudangrass	15-20	17-25 ³	NR ³
Sudangrass	15-20	17-25 ³	NR ³
Sunflower, Black Oil	10	15	NR ³
Sunn Hemp	15	20	20
Sweetclover	6-10	7-15	7-12
Triticale, Winter	30-90	40-100	40-100
Turnip, Forage	2-4	2-4	2-5
Vetch, Hairy	15-20	17-25	18-24
Wheat, Winter	30-90	40-100	40-100
Mixtures			
Cereal Rye + Hairy Vetch	30-50/7-10	35-60/8-12	40-70/10-15
Cereal Rye + Rapeseed	30-50/2-5	35-60/2-5	40-70/3-5
Winter Pea+Oilseed Radish	12-25/2-4	14-29/2-4 ³	NR ³
Annual Ryegrass+Oilseed Radish	8-12/1.5-3.5	9-14/2-4	10-15/2-4
Annual Ryegrass+ Crimson Clover	8-12/4-6	9-14/5-7	10-15/5-7
W. Barley +Crimson Clover	32-48/6-12	36-48/7-14	36-48/7-14
Oats+Oilseed Radish	32-40/1.5-3	50-70/1.5-3	50-70/1.5-3

1. Source: Midwest Cover Crop Decision Tool <https://www.midwestcovercrops.org/covercroptool/>
2. Drilled seeding rates can be used for row spacings up to 15 inches and for broadcast/aerial seedings followed by mechanical incorporation.
3. Not Recommended for aerial seeding.
4. The mixtures provided are example mixtures that may be used. Seed rates for components of a custom mixture may be formulated by multiplying the full seed rate by the desired percentage in the mixture.