

Benefits of Select Cover Crops

| Erosion Control | | Compaction Relief | | Infiltration of Surface Water | |
|---------------------|----------------------|--|----------------|--|----------------|
| ✓ | Annual Ryegrass | Buckwheat ! (<i>topsoil layer</i>) | | Annual Ryegrass | |
| ↔ | Barley | Forage Radish | | Sorghum-Sudangrass | |
| | Oats | Rapeseed | | Forage Radish | |
| | Cereal Rye | Turnips | | Turnips | |
| | Winter Wheat | Oilseed Radish | | Oilseed Radish | |
| ✓ | Mustard | | | Hairy Vetch | |
| | Radish | <h2 style="text-align: center;">Soil Structure</h2> <p style="text-align: center;">✓=Very Effective ↔=Good For Mixing !=Interesting Feature</p> | | | |
| | Turnips | | | | |
| | Crimson Clover | | | | |
| | Red Clover | | | | |
| | | | | | |
| Weed Suppression | | Biofumigants | | Support Beneficials & Microbes | |
| ↔ | Annual Ryegrass | ✓↔ | Oilseed Radish | ✓ | Buckwheat |
| ✓ | Buckwheat | | Mustard | ✓ | Cereal Rye |
| | Oats | | Brassicas | | Crimson Clover |
| ✓ | Cereal Rye | | | | Red Clover |
| | Winter Wheat | <h2 style="text-align: center;">Pest Management</h2> <p style="text-align: center;">✓=Very Effective ↔=Good For Mixing !=Interesting Feature</p> | | | |
| | Barley | | | | |
| | Sorghum-Sudangrass | | | | |
| ✓ | Forage Radish | | | | |
| | Oilseed Radish | | | | |
| | Rapeseed | | | | |
| | Austrian Winter Pea | | | | |
| | Hairy Vetch | | | | |
| Nutrient Scavenging | | Increase Soil Organic Matter | | Fixing Nitrogen | |
| | Annual Ryegrass | Annual Ryegrass | | Crimson Clover | |
| ✓ | Buckwheat (Phos.) | Oats | | Austrian Winter Pea | |
| ✓↔ | Cereal Rye (N. & K.) | ↔ | Cereal Rye | ↔ | Hairy Vetch |
| | Winter Wheat | Winter Wheat | | Red Clover | |
| ↔ | Barley | ↔ | Barley | <h2 style="text-align: center;">Soil Building</h2> | |
| ✓ | Oilseed Radish | Oilseed Radish ! (<i>below ground</i>) | | | |
| ✓ | Forage Radish | Forage Radish ! (<i>below ground</i>) | | | |
| | Rapeseed | Rapeseed | | | |
| | Hairy Vetch (Phos.) | Crimson Clover | | | |
| | | Austrian Winter Pea | | | |
| | | ↔ | Hairy Vetch | | |

✓=Very Effective ↔=Good For Mixing !=Interesting Feature