Benefits of Select Cover Crops

Erosion Control	Compaction Relief	Ir	nfiltration of Surface Water
✓ Annual Ryegrass	Buckwheat ! (topsoil layer)		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		•	
Turnips	\exists \mathbf{c}_{α} :1 (7+	
Crimson Clover	7 5011 8	Stru	ıcture
Red Clover	✓=Very Effective ⇔=0	Good For M	lixing !=Interesting Feature
Weed Suppression	Biofumingants	Suppo	rt Beneficials & Microbes
⇔ Annual Ryegrass	√⇔ Oilseed Radish	✓	Buckwheat
✓ Buckwheat	Mustard	✓	Cereal Rye
Oats	Brassicas		Crimson Clover
✓ Cereal Rye			Red Clover
Winter Wheat			
Barley			
Sorghum-Sudangrass			
✓ Forage Radish	Doct M	้าทา	igement
Oilseed Radish		allo	igemeni
Rapeseed			
			O
Austrian Winter Pea			
Austrian Winter Pea Hairy Vetch	✓=Very Effective ⇔=G	ood For Mi	ixing !=Interesting Feature
	✓=Very Effective ⇔=G Increase Soil Organic M		
Hairy Vetch	·		ixing !=Interesting Feature
Hairy Vetch Nutrient Scavenging	Increase Soil Organic M		ixing !=Interesting Feature infiltration of Surface Water
Hairy Vetch Nutrient Scavenging Annual Ryegrass	Increase Soil Organic M Annual Ryegrass		ixing !=Interesting Feature filtration of Surface Water Crimson Clover Austrian Winter Pea
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.)	Annual Ryegrass Oats	atter Ir	ixing !=Interesting Feature filtration of Surface Water Crimson Clover Austrian Winter Pea
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓⇔ Cereal Rye (N. & K.)	Increase Soil Organic M Annual Ryegrass Oats ⇔ Cereal Rye	atter Ir	ixing !=Interesting Feature filtration of Surface Water Crimson Clover Austrian Winter Pea Hairy Vetch
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓⇔ Cereal Rye (N. & K.) Winter Wheat	Increase Soil Organic M Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat	atter Ir	ixing !=Interesting Feature Infiltration of Surface Water Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓ ⇔ Cereal Rye (N. & K.) Winter Wheat ⇔ Barley	Increase Soil Organic M Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley	atter Ir	ixing !=Interesting Feature Infiltration of Surface Water Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓ ⇔ Cereal Rye (N. & K.) Winter Wheat ⇔ Barley ✓ Oilseed Radish	Increase Soil Organic M Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley Oilseed Radish ! (below groun)	atter Ir	ixing !=Interesting Feature Infiltration of Surface Water Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover Soil
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓ ⇔ Cereal Rye (N. & K.) Winter Wheat ⇔ Barley ✓ Oilseed Radish ✓ Forage Radish	Increase Soil Organic M Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley Oilseed Radish ! (below ground Forage Radish ! (below ground)	atter Ir	ixing !=Interesting Feature Infiltration of Surface Water Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover Soil
Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓ ⇔ Cereal Rye (N. & K.) Winter Wheat ⇔ Barley ✓ Oilseed Radish ✓ Forage Radish Rapeseed	Increase Soil Organic M Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley Oilseed Radish ! (below ground Forage Radish ! (below ground Rapeseed	atter Ir	ixing !=Interesting Feature Infiltration of Surface Water Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover