Benefits of Select Cover Crops

Erosion Control	Compaction Relief	f	Infiltration 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		Ωт	
Crimson Clover	Soil Structure		
Red Clover	✓=Very Effective ⇔=0	Good Fo	r Mixing !=Interesting Feature
Weed Suppression	Biofumingants	Sup	port Beneficials & Microbes
⇔ Annual Ryegrass	✓ ⇔ Oilseed Radish	✓	Buckwheat
✓ Buckwheat	Mustard	\checkmark	Cereal Rye
Oats	Brassicas		Crimson Clover
✓ Cereal Rye			Red Clover
•			
Winter Wheat			
Winter Wheat Barley	_		
	_		
Barley Sorghum-Sudangrass ✓ Forage Radish	- - - - Pest M	lan	aσement
Barley Sorghum-Sudangrass	Pest M	[an	agement
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed	Pest M	[an	agement
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea			C
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed	Pest M ✓=Very Effective ⇔=G		C
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea		ood For	C
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch	✓=Very Effective ⇔=G	ood For	Mixing !=Interesting Feature
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Nutrient Scavenging	✓=Very Effective ⇔=G	ood For	Mixing !=Interesting Feature Fixing Nitrogen
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Nutrient Scavenging Annual Ryegrass	✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass	ood For	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.)	✓=Very Effective ⇔=G Increase Soil Organic M Annual Ryegrass Oats	ood For	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Oilseed Radish Austrian Winter Pea Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) (Cereal Rye (N. & K.)	✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass Oats ⇔ Cereal Rye	ood For	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓⇔ Cereal Rye (N. & K.)	 ✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat 	ood For	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Oilseed Radish Austrian Winter Pea Austrian Winter Pea Hairy Vetch Varient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) Cereal Rye (N. & K.) Winter Wheat Barley	✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley	ood For latter	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Hairy Vetch Mutrient Scavenging ✓ Buckwheat (Phos.) ✓ Cereal Rye (N. & K.) ✓ Cereal Rye (N. & K.)	✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass Oats Cereal Rye Winter Wheat ⇔ Barley Oilseed Radish ! (below grout)	ood For latter	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover Soil
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Hairy Vetch Annual Ryegrass ✓ Buckwheat (Phos.) ✓ Cereal Rye (N. & K.) Winter Wheat ♦ Barley ✓ Oilseed Radish	✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass Oats Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley Oilseed Radish ! (below groun Forage Radish ! (below groun	ood For latter	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover Soil
Barley Sorghum-Sudangrass ✓ Forage Radish Oilseed Radish Rapeseed Austrian Winter Pea Hairy Vetch Hairy Vetch Nutrient Scavenging Annual Ryegrass ✓ Buckwheat (Phos.) ✓ ⇔ Cereal Rye (N. & K.) ✓ ⇔ Cereal Rye (N. & K.) ✓ ⇔ Barley ✓ Oilseed Radish ✓ Forage Radish	✓=Very Effective ⇔=G Increase Soil Organic N Annual Ryegrass Oats Oats ⇔ Cereal Rye Winter Wheat ⇔ Barley Oilseed Radish ! (below grout Forage Radish ! (below grout Rapeseed	ood For latter	Mixing !=Interesting Feature Fixing Nitrogen Crimson Clover Austrian Winter Pea Hairy Vetch Red Clover