

Table 1: Cover Crop - Common Species and Properties

Cover Crop	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Erosion Reduction</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Increase soil organic matter</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Capture, recycle, redistribute nutrients in the soil profile</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Promote biological nitrogen fixation</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Weed suppression</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Provide supplemental hay</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Provide supplemental grazing</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Rooting Depth / Plant Water Use</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Minimize / reduce soil compaction</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Seed size (Large or Fine)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Crop Type /2</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Seeding rate, lbs/acre</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Seeding depth, inches</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Salinity tolerance</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">C:N Ratio</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Attract Beneficial Insects</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Mycorrhizal fungi association</div> </div>																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
alfalfa	1	G	G	Y	G	F	F	DH	G	F	CB	6.5	0.25 - 0.75	P	L	Y	M
alsike clover	1	F	G	Y	G	F	F	SL	P	F	CB	3	0.25 - 0.75	P	L	Y	M
annual oregon ryegrass	1	G	G	N	F	G	G	MM	P	L	CG	15	.5-1.5	F	M	Y	L
barley	1	G	F	N	G	F	F	MM	F	L	CG	50	0.75 - 2	G	M	Y	L
buckwheat	1	F	G	N	G	P	P	SL	P	F	WB	50	0.5 - 1.5	P	L	Y	N
canola	1	F	G	N	P-G**	F	F	MM	G	F	CB	5	0.25 - 0.75	G	L	Y	N
chickling vetch	1	F	G	Y	F	F	F	SL	F	L	CB	50	0.5 - 1.5	P	L	Y	M
common vetch	1	F	F	Y	P	F	F	SM	F	L	CB	16	0.5 - 1.5	P	L	Y	M
corn	1	G	G	N	P-G**	F	F	DH	G	L	WG	12*	1-1.5	P	H	N	H
cowpea	1	P	F	Y	G	F	F	SL	F	L	WB	30	1 - 1.5	P	L	Y	M
crimson clover	1	F	G	Y	G	G	G	SM	F	F	CB	15	0.25 - 0.75	P	L	Y	M
ethiopian cabbage	1	F	G	N	F	F	F	MM	G	F	CB	5	0.25 - 0.75	G	L	Y	N
flax	1	F	F	N	P	P	P	SM	P	F	CB	20	.25-.75	F	H	Y	H
grain and forage sorghum	1	G	G	N	G	G	F	MM	G	L	WG	10	0.5 - 1.5	F	M	Y	H
hairy vetch	1	F	F	Y	P	F	F	SM	F	L	CB	15	0.5 - 1.5	P	L	Y	M
kale	1	F	G	N	G	F	F	MM	G	F	CB	0.5	0.25 - 0.5	G	L	Y	N
lentil	1	P	F	Y	P	F	F	SL	P	F	CB	30	1-1.5	P	L	Y	M
millet	1	G	F	N	G	G	F	SL	F	L	WG	25	.25-.75	P	M	N	H
mustard, oriental or brown	1	F	F	N	G	F	F	MH	F	F	CB	6	0.25 - 0.75	P	M	Y	N
mustard, tame yellow	1	F	F	N	G	F	F	MH	F	F	CB	12	0.25 - 0.75	P	L	Y	N
oat	1	G	F	N	F	G	F	MM	F	L	CG	70	0.5 - 1.5	F	M	N	L
pea	1	P	P	Y	F	G	F	SL	P	L	CB	70	1.5 - 3	P	L	Y	M
radish	1	P	G	N	G	P	G	DH	G	F	CB	8	0.25 - 0.5	P	L	Y	N
rapeseed	1	F	G	N	F	F	G	MM	G	F	CB	5	0.25 - 0.75	G	L	Y	N
red clover	1	F	G	Y	G	F	F	SL	P	F	CB	5	0.25 - 0.75	P	L	Y	M
safflower	1	F	G	N	F	P	P	DM	F	L	WB	30	.5-1	F	M	Y	M
soybean	1	P	F	Y	P-G**	F	F	SM	P	L	WB	35	1-1.5	P	L	Y	M
spring rye or s. wheat	1	G	G	N	G	F	F	MH	F	L	CG	60	0.5 - 1.5	F	M	Y	L
sudangrass, sudan-sorghum hybrid	1	G	G	N	G	G	G	MM	G	L	WG	25*	0.5 - 1.5	F	M	Y	H
sugarbeet	1	P	G	N	F	P	G	DH	G	F	CB	4	0.25 - 0.5	G	L	N	N
sunflower	1	F	G	N	F	P	G	DM	F	L	WB	7	.5-1	F	M	Y	M
sweet clover	1	F	F	Y	F	P	F	MM	F	F	CB	4	0.25 - 1	F	L	Y	M
tall wheatgrass	1	G	G	N	G	G	G	DH	F	L	CG	13	0.25 - 1	G	H	N	L
teft grass	1	G	F	N	F	G	F	SM	P	F	WG	5	.125 - .25	P	M	N	N/A
triticale	1	G	G	N	G	F	F	MH	F	L	CG	60	.5-1.5	G	M	Y	L
turnip	1	P	G	N	G	P	G	DH	G	F	CB	4	.25-.5	P	L	Y	N
white clover	1	F	G	Y	G	F	F	SL	P	F	CB	1.5	0.25 - 0.75	P	L	Y	M
winter camelina	1	F	G	N	F	P	P	ML	G	F	CB	3	.25-.5	P	L	Y	N
winter rye or w. wheat	1	G	G	N	G	F	F	MH	F	L	CG	60	0.75 - 2	G	M	Y	L