

Table 1. Forage yield and carbon/nitrogen ratios for 11 cool-season and 17 warm-season cover crop entries for 2013 at Manhattan Plant Materials Center

Entry	Planting Date	Forage Yield (lbs/acre)			C/N Ratio		
		Days After Planting					
		30	60	90	30	60	90
Barley	4/01/13		1,078	2,121		20.9	38.5
Cover mix (spring)			1,040	2,665		15.9	34.1
Crimson clover			944	1,686		15.9	24.6
Ethiopian cabbage			908	3,196		12.9	40.7
Lentils			717	3,975		11.6	19.6
Oats			582	2,822		22.3	42.2
Pea, spring forage			1,150	4,382		14.0	30.0
Radish nitro (spring)			1,460	2,079		18.8	35.6
Triticale			635	993		17.3	21.0
Yellow mustard			935	1,341		17.0	26.9
Yellow sweet clover			818	1,570		14.3	15.4
Buckwheat		6/25/13	1,523	5,115		19.5	34.4
Cover mix (summer)	1,953		10,553		14.6	28.1	
Cowpeas	1,449		5,207		14.9	16.2	
Flax	238		1,700		8.7	37.0	
Millet, German	1,974		9,882		14.0	43.8	
Millet, pearl	2,197		11,889		21.7	53.9	
Mung bean	1,414		5,911		14.7	31.3	
Radish, nitro (summer)	1,983		2,725		11.8	14.6	
Rapeseed	1,223		4,091		12.3	27.7	
Safflower	1,697		4,113		9.7	23.7	
Sorghum-sudangrass	1,256		13,516		29.0	74.6	
Sorghum-sudangrass, BMR	2,212		15,692		32.0	70.4	
Soybean, non GMO	678		6,597		10.8	31.0	
Sudangrass	2,623		22,993		34.2	56.2	
Sunn hemp	1,474		9,819		10.6	20.7	
Turnip, purple top	1,341		4,344		10.5	30.9	
Turnip, Winfred hybrid	927		4,458		8.0	25.5	