

COVER CROPS 50 ft x 50 ft test plots

planted July 2015 Graze #1 Cover Crop Sorgum-sudan Hyb Pearl millet Cowpeas Mungbean Radish driller Pasja Hyb Brassica Inoculant	\$8.34	planted October Graze #2 Cover Crop Cereal Rye Winter Oats Austrian Winter Peas Crimson Clover Turnip innoculant	\$6.55	planted May2016 Graze #3 Cover Crop Spring Oats Pearl Millet Forage Sorghum Cow Peas Lespedeza Buckwheat Burkant Turnip inoculant	\$7.40	planted August 2016 Graze #4 Cover Crop Oats Rye Crimson Clover Hairy Vetch Radish Turnip	\$6.00
note: seeder to broadcast		ground driven		behind tub		to graze #3, used	
DRUMM	Grazed: Sept. 1-4, 2015	HALLAR	Grazed: Sept.2-6, 2015	LINNWOOD	Grazed: Sept. 6-10,2015		

	Cover Crop	Pasture	
SAMPLE	14	6	Total lbs Forage/Ac x Ac x % Grazing Efficiency
CALCULATION	10	14	Animal Wt. x Intake rate in % Body Wt. X animal #
GRAZING	12	16	2800 lbs/Ac x .057 Ac x 30% = 47.88
STICK	12	9	75 # x 3.5% body wt X 5 animals = 13.12 47.88/13.1 =3.65 days
	13	8	
	11	8	2100 lbs/Ac x 0.057% x 30% = 35.91
	13	9	77.7 # x3.5% x 5 animals=13.60 35.91/13.60 = 2.6 days
	85	70	
	12.14285714	10	average forage height
	12-4 = 8 in.	10-4= 6 in	grazable forage, leaving 4 inches for regrowth
	x 350	x 350	Quality (350 is the estimated dry matter in pounds per inch) from Grazing stick, lbs/Ac
	2800 lbs/Ac	2100 lbs/Ac	