ANALYSES OF CLOVER RESIDUES, 1897.
(Roots, dead stems and leaves.)

All the clovers were sown at the respective rates mentioned below, on the 5th May, 1896, with Odessa barley at the rate of 1¾ bushels per acre. The barley on all the plots was cut 27th July, 1896. The clover residues (roots, dead stems and leaves) were collected 1st May, 1897.	Composition.			Nitrogen.	Weight of Clover Residue per acre.		Amount of certain constituents per Acre.		
	Water.	Organic Matter.	Ash.		Tons.	Lbs.	Organic Matter	Ash.	Nitrogen.
	p.c.	p.c.	p.c.	p.c.			Lbs.	Lbs.	Lbs.
Mammoth Red Clover sown 14 lbs. per acre.	71.51	24.45	4.04	.903	3	636	1,622	268	59
" 12 "	69.73	25.28	4.99	1.109	3	976	1,762	349	77
" 10 "	59.43	33.19	7.38	1.417	2	1,955	1,978	439	81
" 8 "	70.00	26.18	3.82	1.123	3	976	1,783	258	76
" 6 "	72.00	24.00	4.00	1.041	3	806	1,634	272	70
" 4 "	63.34	31.74	4.92	1.260	2	594	1,458	226	58
Common Red Clover, sown 10 lbs. per ac.	72.50	23.61	3.89	1.016	3	125	1,446	238	62
Alsike Clover, sown 6 lbs. per acre.. .	71.58	22.63	5.79	1.020	1	1,233	732	187	33
Alfalfa, sown 14 lbs. per acre	61.54	34.79	3.67	1.075	1	212	772	79	26
Crimson Clover, sown 24 lbs. per acre...	62.82	33.01	4.17	.827		1,322	478	60	12

In 1898 further examinations were made of a somewhat similar character. The average weight per acre of clover, including roots to a depth of nine inches, obtained at the close of the first season's growth, *i.e.*, in November, was between five and six tons. On another series of plots the clover was allowed to remain until there was a strong growth the following spring (May 21), and the average weight per acre, including roots to a depth of nine inches, was found to be between thirteen and fifteen tons. On all these plots the clover had been sown with grain. As a rule,