

CARRYING-CAPACITIES OF NEW PERMANENT PASTURES USED AS
GREEN-FEED.

Although there are no comparative figures for green-feed oats, Italian rye-grass, and new permanent pastures grown under experimental and exactly similar conditions, yet records have been kept of the grazing obtained from new permanent pasture when grazed as though it were green-feed. A few representative figures are given in the following table:—

Table I. — *Carrying-capacity of New Permanent Pastures when grazed as Green-feed : Dry Sheep or Ewes per Acre, by Months.*

Locality.	Light Land (Plains).	Light Land (Foothills).	Medium Land (Foothills).	Medium-heavy Land (Plains).
Grass sown.	November, 1932.	November, 1933.	November, 1933.	December, 1933.
January			7.63	..
February			14.50	..
March	Very dry Autumn.		9.20	2.20
April			8.96	5.30
May			3.59	5.60
June .. ..			..	2.73
July			0.13	..
August			0.62	..
September		3.81	0.07	
October		3.29	5.20	No records lodged, and kept. only 20 bushels per acre saved.
November		3.47	2.30	
December		1.35	1.40	

Records have also been kept of the grazing obtained from green-feed oats and from Italian rye-grass whenever opportunity permitted. Some of these figures are given below:—

Table II. — *Carrying-capacity of Green-feed Oats and Italian Rye-grass when used as Green-feed : Dry Sheep or Ewes per Acre, by Months.*

Locality.	Green-feed Oats.			Italian Rye-grass.	
	Light Land (Plains).	Light Land (Plains).	Medium-heavy Land (Plains).	Light Land (Plains).	Heavy Land (Plains).
Sown.	January, 1930.	March, 1934.	February, 1932.	February, 1930.	February, 1930.
March	0.86	..	..	..	..
April	9.28	0.11	..	0.81	1.13
May .. ..	..	3.18	0.34	2.10	2.14
June .. ..	..	1.15	1.95	0.10	3.36
July .. ..	..	0.73	9.65	0.14	0.14
August	0.32	0.95	0.07	0.23	2.12
September	3.76	3.94	0.07	4.28	3.58
October	2.60	4.23	8.77	3.45	5.34
November	2.50	4.48	2.97	2.84	2.58
December .. ..	..	4.71	2.81	2.28	Yielded 49 bushels per acre
January .. ..	..	2.18	..	?	
February .. ..	..	..	..	?	7.60

It is not intended that these tables should be taken as truly comparative of the grazing-capacity of new permanent pasture as against that of green-feed, nor should it be imagined that an attempt has been made