

S U M M A R Y.

Results from Fields of Illustration for the year 1925—26.

Fertilizers used on Vetch-Forage and Barley as the test crops.

On light soils best results were obtained by combining per hectare 150 kgs. each of potassium sulphate (K), nitrate of soda (N) and double superphosphate (P) in the case of Vetch-Forage. As for the Barley the best results were obtained with 200 kgs. nitrate of soda, 200 kgs. of double superphosphate and 150 kgs. of potassium sulphate.

Bone-Meal (BM) took the place of double superphosphate in the case of light soils and made possible a reduction of 30% in the applications of nitrate of soda.

1. Vetch. Dry Forage kgs. per hectare:

Locality	Check	BM.N.K.	P.K.N.
Ein Hay . .	4092	7085	7215
Magdiel . .	3285	5565	6010
Gan Shmuel	2600	—	5715
Karkur . .	1755	—	4605

The profit per hectare was between 370 and 510 P.T.

2. Barley Kgs. per hectare:

Locality	Check		BM.N.K.		P.K.N.	
	Grain	Straw	Grain	Straw	Grain	Straw
Ein Hay . .	1200	2480	1790	4010	1940	4470
Ruhama . .	680	1370	—	—	1730	3810

The profit per hectare was between 230 and 830 P.T.