

in the Valley of Jezreel consists of crosses between local breeds and Leghorns or Rhode Island Reds. Leghorns are increasing and this is becoming the principal breed.

Egg production in many places reached 150—170 per bird per annum. 50,000 eggs were incubated in the Valley of Jezreel during the year and 30,000 were hatched. The percentage hatched was 60—70 %.

Diseases: During the summer poultry are attacked by a disease which is caused by lack of green food. In places where green food can be obtained the disease did not occur. Ticks also causes much injury during the summer months.

In the Extension poultry runs at Geva which was established this year, much progress is apparent. Incubation results were very good. In september the price of each egg rose 2 milliemes. In other places the price of eggs during the same period was double and treble.

### Illustration Vegetable Fields.

Results for the year 1925/26.

#### 1. Fertilizers. Yield in kgs per hectare :

Locality	Crop	Or. Man.	Ar. Man.	Or. Man.	Ar. Man.	P.K.N.	Check
		60 tons	60 t.	60 t. + P.K.N.	60 t. + P.K.N.		
Ain Harod	Pumpkin	30,900	18,500	45,150	43,350	28,000	11,850
„ „	Cucumber	40,938	26 335	40,475	34,466	26,835	17,730
„ „	Tomatoes	16,960	14,660	13,305	16,250	13,735	6,657
Dagania II	„	36,350 <sup>1)</sup>	38,750 <sup>2)</sup>	—	40,390 <sup>3)</sup>	—	36,140

Or. Man. = Organic Manure; Ar. Man. = Arabic Manure.

#### 2. Varieties of Tomatoes. Yield in kgs. per hectare.

Variety	Period of fruit production	Yield
“Lucullus”	66 <sup>4)</sup> — 132	15,840
“King Humbert”	66 — 125	24,120
“Marktwunder”	66 — 125	13,040

1) Or. Man. 80 tons. 2) Ar. Man. 80 tons; 40 tons Ar. Man. gave a yield of 50,670 kgs!  
 ) Ar. Man. 40 tons.

4) Days post sowing.