

SECTION 22.

PRODUCTION AND NATURAL RESOURCES.

1922.

## 1. AGRICULTURE AND LAND TENURE.\*

Acreage disposed of during the year				Total acreage at end of year			
Granted without sale (on long lease)	Sold	Total	Amount realised	Alienated	In process of alienation	Un-alienated	Total area of Colony
Acres.	Acres.	Acres.	£ s. d.	Acres.	Acres.	Acres.	Sq. miles
1.20	1.10	2.30	50. 10. 0	13,604.2 (a)	—	— (b)	131.8

Remarks:—

\* For the Financial year 1922-23.

(a) Cultivated and let on long or short leases.

(b) Uncultivated lands. They consist mainly of rocky wastes, and are uncultivable. Exact figures cannot be given.

## Size of Holdings, specifying the Number of Holdings

Under 10 acres	11 to 50 acres	51 to 100 acres	101 to 1,000 acres	Over 1,000 acres
236	10,864	Nil		

CROPS †				PASTURE †	LIVESTOCK on 31st March, 1923.	
District and nature of crop		Number of acres under cultivation	Gross quantity of produce	Acreage of pasture land	District and nature of livestock	Number
VALLETTA DISTRICT				7 acres		
Wheat	...	132	Quarters 476		Horses	280
Medlin (Mischiato)	...	—	—		Asses	38
Barley	...	59	" 319		Mules	30
Maize ‡	...	8	" 12		Horned cattle	—
Beans and Peas	...	40	" 117		Sheep	8
Potatoes	...	128	Tons 494		Goats	200
Onions	...	20	" 146		Pigs	3
Cumin seed	...	24	Cwts. 66			
Cotton	...	10	lbs. 802			
Vegetables	...	31	Cwts. 1,712			
Forages	...	232	Loads 12,600			
Citrus fruits	...	7	Dozen 6,060			
Vines	...	—	—			
Other fruits	...	13	Cwts. 708			

† For Agricultural year June 1922—May 1923.

‡ Chiefly grown as second crop, after potatoes or greenforages.

CROPS†			PASTURE†	LIVESTOCK on 31st March, 1923.	
District and nature of crop	Number of acres under cultivation	Gross quantity of produce	Acres of pasture land	District and nature of livestock	Number
<b>WEST DISTRICT</b>			279 acres		
Wheat ... ..	1,286	Quarters 11,837		Horses ... ..	772
Meslin (Mischiato) ... ..	231	" 1,135		Asses ... ..	992
Barley ... ..	1,130	" 6,301		Mules ... ..	1,204
Maize* ... ..	148	" 245		Horned cattle ... ..	1,308
Beans and Peas ... ..	645	" 2,020		Sheep ... ..	5,016
Potatoes ... ..	1,688	Tons 6,217		Goats ... ..	7,557
Onions ... ..	457	" 2,571		Pigs ... ..	1,292
Cumin seed ... ..	592	Cwts. 1,657			
Cotton ... ..	158	lbs. 1,2515			
Vegetables ... ..	756	Cwts. 43,086			
Forages ... ..	4,336	Loads 204,500			
Citrus fruits ... ..	56	Dozen 49,450			
Vines ... ..	820	Cwts. 20,380			
Other fruits ... ..	181	" 10,900			
<b>CENTRAL DISTRICT</b>			78 acres		
Wheat ... ..	1,967	Quarters 6,875		Horses ... ..	2,738
Meslin (Mischiato) ... ..	—	—		Asses ... ..	3,992
Barley ... ..	531	" 2,870		Mules ... ..	2,931
Maize* ... ..	62	" 95		Horned cattle ... ..	6,048
Beans and Peas ... ..	210	" 684		Sheep ... ..	9,455
Potatoes ... ..	1,248	Tons 4,199		Goats ... ..	2,1967
Onions ... ..	202	" 1,199		Pigs ... ..	4,640
Cumin seed ... ..	492	Cwts. 1,349			
Cotton ... ..	89	lbs. 7,195			
Vegetables ... ..	331	Cwts. 18,655			
Forages ... ..	2,443	Loads 120,295			
Citrus fruits ... ..	79	Dozen 82,650			
Vines ... ..	74	Cwts. 2,012			
Other fruits ... ..	201	" 21,408			
<b>EAST DISTRICT</b>			180 acres		
Wheat ... ..	2,025	Quarters 6,972		Horses ... ..	597
Meslin (Mischiato) ... ..	—	—		Asses ... ..	824
Barley ... ..	1,552	" 8,428		Mules ... ..	738
Maize* ... ..	44	" 68		Horned cattle ... ..	737
Beans and Peas ... ..	266	" 866		Sheep ... ..	5,511
Potatoes ... ..	1,632	Tons 5,475		Goats ... ..	7,754
Onions ... ..	356	" 2,205		Pigs ... ..	621
Cumin seed ... ..	532	Cwts. 1,472			
Cotton ... ..	178	lbs. 14,655			
Vegetables ... ..	253	Cwts. 14,731			
Forages ... ..	2,678	Loads 136,946			
Citrus fruits ... ..	16	Dozen 13,490			
Vines ... ..	63	Cwts. 1,248			
Other fruits ... ..	153	" 8,584			
<b>GOZO DISTRICT</b>			295 acres		
Wheat ... ..	1,364	Quarters 4,858		Horses ... ..	187
Meslin (Mischiato) ... ..	2,307	" 10,303		Asses ... ..	1,119
Barley ... ..	1,067	" 5,621		Mules ... ..	457
Maize* ... ..	219	" 330		Horned cattle ... ..	797
Beans and Peas ... ..	523	" 1,700		Sheep ... ..	8,802
Potatoes ... ..	85	Tons 280		Goats ... ..	6,237
Onions ... ..	23	" 146		Pigs ... ..	823
Cumin seed ... ..	147	Cwts. 398			
Cotton ... ..	420	lbs. 41,957			
Vegetables ... ..	141	Cwts. 8,025			
Forages ... ..	2,275	Loads 115,560			
Citrus fruits ... ..	14	Dozen 9,700			
Vines ... ..	850	Cwts. 25,135			
Other fruits ... ..	254	" 16,305			

† For Agricultural year June 1922—May 1923.

\* Chiefly grown as second crop, after potatoes or green forages.

## FIELD OF ANIMAL PRODUCE DURING THE YEAR.

No returns available.

## 2. FORESTRY.

There are no forests in Malta.

## 3. FISHERIES.

Catch of Fish				Quantity	Landed Value	Number of boats engaged in fishing	Number of persons engaged in fishing
Kind of Fish							
				(Crs.)	£		
Dog fish (various)	...	...	...	1,250	6,050	Malta ... .. 302	British ... .. *3,500
Hammerhead	...	...	...	4	30	Gozo ... .. 193	Foreigners ... ..
Angel fish	...	...	...	850	3,500		
Rays (various)	...	...	...	700	3,200		
Eel	...	...	...	19	190		
Couger	...	...	...	110	2,000		
Murrey	...	...	...	280	1,850		
Power	...	...	...	60	550		
Forkbeards	...	...	...	135	1,100		
Brill...	...	...	...	90	600		
Atlas shad	...	...	...	9	75		
Pilchard	...	...	...	54	225		
Garfish	...	...	...	139	570		
(Saurus gtiensis)	...	...	...	5	16		
Grey mullet	...	...	...	240	2,000		
Sea pike	...	...	...	6	60		
Wrasse (various sp.)	...	...	...	60	270		
Balalaw wrasse	...	...	...	70	380		
Kassir fish	...	...	...	8	27		
(Saurus cretensis)	...	...	...	47	250		
Striped smare	...	...	...	760	3,450		
Soare	...	...	...	150	300		
(Dentes)	...	...	...	92	940		
Qidwife	...	...	...	32	295		
Gidhend	...	...	...	1	32		
Brize	...	...	...	25	250		
Pandora	...	...	...	180	1,500		
Axillary beam	...	...	...	70	525		
Sparus (sp.)	...	...	...	60	500		
(Nargus vulgaris)	...	...	...	130	1,300		
Egyptian sargo	...	...	...	120	1,000		
Bogon	...	...	...	2,300	9,580		
(Box salpa)	...	...	...	260	1,950		
Black-tailed beam	...	...	...	600	6,000		
Red mullet	...	...	...	500	5,000		
Striped mullet	...	...	...	3	30		
Piper, gurnard, etc.	...	...	...	25	140		
Scorpaena	...	...	...	100	500		
Percine scorpaena	...	...	...	92	460		
Basse	...	...	...	7	87		
Stone basse (various)	...	...	...	55	550		
Comber	...	...	...	130	758		
Leathered perch	...	...	...	95	554		
Dusky perch	...	...	...	225	2,750		
(Umbrina cirrosa)	...	...	...	47	430		
Sword fish	...	...	...	24	280		
Spanish mackerell	...	...	...	970	6,060		
Tunny	...	...	...	180	1,800		
Long finned tunny	...	...	...	7	58		
(Thynnus tunnina)	...	...	...	65	590		
Belted bonito	...	...	...	64	246		
Pisic bonito	...	...	...	90	675		
Pilot fish	...	...	...	750	5,200		
(Seriola demerilli)	...	...	...	40	466		
Horse mackerell	...	...	...	380	2,370		
Cocophene	...	...	...	1,100	8,625		
Greater weaver	...	...	...	32	200		
Lesser weaver	...	...	...	36	225		
Stargazer	...	...	...	6	37		
				13,744	89,716		

General information regarding the industry and the possibilities of its development.

The industry is practically wholly dependent on inshore fishing, the craft at present in use being inadequate for deep sea fishing. Owing to the wholesale destruction of immature fish, the industry, has during recent years suffered considerably, but energetic steps have been taken by the Government for proper control and Laws and Regulations have been issued for the purpose of ensuring the protection of immature fish. These Laws, though comparatively lenient, have already yielded beneficial results and it is intended to enforce more stringent measures in the near future. The adoption of motor power and larger craft for undertaking deep sea fishing has, though on a very limited scale, been already initiated and it is hoped that the exploitation of distant fishing grounds will soon be taken in hand.

\* The number of persons who live exclusively by means of fishing is in the last census given at 1438.

## 4. MINERALS.

Quantity and value of each class of Mineral mined or quarried during the year 1922, in Malta and Gozo				Mining Concessions and Prospecting Licences granted during the year		Oil Concessions and Prospecting Licences granted during the year	
Mineral	Quantity	Value	Metallic content (in case of metallic ores)	No. of Concessions	No. of Prospecting Licences	No. of Concessions	No. of Prospecting Licences
(i) Mined:— No mines		£ s.					
(ii) Quarried:— Globigerina Limestone	c. ft. 4,600,000	57500	No metallic ores	Nil.		Nil.	
Coalite do.							
(a) in blocks	c. ft. 25,000	1100					
(b) in spalls	c. yds. 38,000	3500					
(iii) Produced:— Lime	salms* 22,500	1700					
Common salt (sodium chloride):— (a) Total production	salms* 7,500	—					
(b) sold of above	salms* 340	145. 10					
Total		64245. 10					

The geographical survey of Malta is practically complete, of which about 70 sq. miles have been surveyed also geologically. No important mineral deposits are known which are not worked.

\* One salm=8 Imperial Bushels.

## 5. WATER POWER.

No water power available in the Colony.

6. INDUSTRIAL ESTABLISHMENTS AND MANUFACTORIES  
from 1st January to 31st December, 1922.

(so far as not included under sub-sections 1-5 above).

Industry	Number of Establishments or Manufactories	Number of persons employed	Cost of Raw Material used	Output during the year	
				Quantity	Net selling value at factory or works
Natural Wine	Malta... 69	207	Not known	Barrels 6,822	Not known
	Gozo... 245	735		12,846	
Common and Superior Artificial Wine	Malta... 11	33		18,098	
	Gozo... Nil.	Nil.		Nil.	
Distilling Alcohol	Malta... 1	3		7	
	Gozo... Nil.	Nil.		Nil.	
Distilling Orange flower water	Malta... 36	36		8	
	Gozo... 24	24		6	
Spirituos Liquors from uncustomed alcohol	Malta... 2	4		64	
	Gozo... Nil.	Nil.		—	
Cigarettes †	Malta... 7	500/520	RL. 100,000 (short)		
Cigars †	Do... 3	42	—		
Caps	Do... 1	35	RL. 22,000 (short)		
Rags and paper-making materials	Do... 1	—	—		
Cottonins	Do... 8	—	—		
Furniture and Cabinet making	Do... 4	—	—		

† Besides many other unimportant ones.

## 7. SUMMARY OF INDUSTRIAL DEVELOPMENT.

The agricultural year was marked by an increase in the acreage under cumm, and a further large increase in the acreage under potatoes. There was a corresponding reduction in the acreages under cereals and cotton.

2. In general, the crops were remarkably healthy; there were a few slight outbreaks of potato-blight. The vineyards were free from the attacks of downy mildew, and the production was fairly good, compatibly with the weak wood-formation resulting from last year's outbreak. There was a general revival of interest in vine-planting, and about 112 acres of vines in Gozo were grafted on American stock.

3. The following statement shows the grants made by Government for the development of the natural resources of the Colony.

1).	Subsidy to the Società Economico-Agraria, Malta, towards the improvement of agriculture	...	...	...	£	80
2).	Do. do. do. do. towards the upkeep of the Society's experimental farm	...	...	...	...	20
3).	Do. do. do. do. towards the holding of agricultural competitions	...	...	...	...	67
4).	Do. do. do. do. towards the encouraging the growing of vines and fruit trees	...	...	...	...	15
5).	Do. do. do. do. for prizes to Exhibitors of the best Malta male-breeding donkeys	...	...	...	...	10
6).	Subsidy to the Agricultural and Industrial Show, Gozo	...	...	...	...	80
7).	Subsidy to the Horticultural Society	...	...	...	...	30
				Total	...	£ 300