

SECTION 22.

PRODUCTION AND NATURAL RESOURCES.

1. AGRICULTURE AND LAND TENURE.*

Acreage disposed of during the year				Total acreage at end of the year			
Granted without sale (on long lease)	Sold	Total	Amount realized	Alienated	In process of alienation	Unalienated	Total area of Colony
Acres.	Acres.	Acres.	£ s. d.	Acres.	Acres.	Acres.	Sq. miles
Nil	3.3	3.3	345. 14. 3	16,652.3426	—	— (a)	121.844

Remarks:—

° For the Financial year 1932-33.

(a) Uncultivated lands. These 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 †
District and nature of crop			Acreage of pasture land
VALLETTA DISTRICT			6 acres
Wheat ...	...	176	Quarters 714
Meslin (Mischiato) ...	...	—	—
Barley ...	...	73	" 421
Milne ‡ ...	...	3	" 12
Beans and Peas ...	...	28	" 106
Potatoes ...	...	97	Tons 267
Onions ...	...	7	" 47
Cumin seed ...	...	16	Cwts. 72
Cotton ...	...	1	lbs. 235
Vegetables ...	...	37	Cwts. 2,665
Forages ...	...	236	Loads 9,115
Citrus fruits ...	...	6	Dozen 4,610
Vines and Other fruits ...	...	19	Cwts. 1,374

† For Agricultural year June 1931—May 1932.

‡ Chiefly grown as second crop, after potatoes or green-forages.

CROPS†				PASTURE‡	LIVESTOCK on 31st December, 1933.	
District and nature of crop		Number of acres under cultivation	Gross quantity of produce		Acreage of pasture land	District and nature of livestock	Number
EAST DISTRICT				189 acres	VALLETTA DISTRICT	
Wheat ...	1,993	Quarters	7,465		Horses ...	82
Meslin (Mischiato) ...	—	"	—		Asses ...	—
Barley ...	1,778	"	9,823		Mules ...	15
Maize * ...	—	"	—		Sheep ...	3
Beans and Peas ...	532	"	1,984		Goats ...	7
Potatoes ...	1,349	Tons	3,616		Pigs ...	1
Onions ...	211	"	5,504			
Cumin seed ...	288	Cwts.	1,327			
Cotton ...	7	lbs.	1,070			
Vegetables ...	514	Cwts.	30,804			
Forages ...	3,008	Loads	117,940			
Citrus fruits ...	25	Dozen	19,450			
Vines and other fruits ...	392	Cwts.	28,540			
CENTRAL DISTRICT				96 acres	EAST DISTRICT	
Wheat ...	1,755	Quarters	7,018		Horses ...	799
Meslin (Mischiato) ...	—	"	—		Asses ...	876
Barley ...	750	"	4,113		Mules ...	624
Maize * ...	9	"	47		Horned cattle ...	594
Beans and Peas ...	220	"	868		Sheep ...	5,550
Potatoes ...	1,267	Tons	3,579		Goats ...	9,384
Onions ...	191	"	1,305		Pigs ...	630
Cumin seed ...	260	Cwts.	1,213			
Cotton ...	3	lbs.	4,235			
Vegetables ...	660	Cwts.	47,790			
Forages ...	2,321	Loads	81,960			
Citrus fruits ...	89	Dozen	71,650			
Vines and other fruits ...	285	Cwts.	20,935			
WEST DISTRICT				298 acres	CENTRAL DISTRICT	
Wheat ...	4,044	Quarters	16,075		Horses ...	865
Meslin (Mischiato) ...	6	"	30		Asses ...	873
Barley ...	778	"	4,105		Mules ...	733
Maize * ...	12	"	50		Horned cattle ...	975
Beans and Peas ...	593	"	3,044		Sheep ...	2,324
Potatoes ...	985	Tons	2,895		Goats ...	4,399
Onions ...	362	"	2,439		Pigs ...	1,079
Cumin seed ...	344	Cwts.	1,506			
Cotton ...	3	lbs.	710			
Vegetables ...	1,631	Cwts.	118,050			
Forages ...	3,779	Loads	139,690			
Citrus fruits ...	54	Dozen	41,530			
Vines and other fruits ...	995	Cwts.	79,790			
GOZO DISTRICT				331 acres	WEST DISTRICT	
Wheat ...	1,085	Quarters	6,810		Horses ...	843
Meslin (Mischiato) ...	2,130	"	10,708		Asses ...	1,131
Barley ...	104	"	595		Mules ...	927
Maize * ...	113	"	462		Horned cattle ...	1,004
Beans and Peas ...	609	"	2,266		Sheep ...	3,455
Potatoes ...	177	Tons	495		Goats ...	6,615
Onions ...	23	"	147		Pigs ...	2,019
Cumin seed ...	181	Cwts.	813			
Cotton ...	37	lbs.	9,475			
Vegetables ...	203	Cwts.	15,710			
Forages ...	3,004	Loads	108,605			
Citrus fruits ...	14	Dozen	10,830			
Vines and other fruits ...	1,198	Cwts.	93,210			
GOZO DISTRICT				331 acres	GOZO DISTRICT	
Wheat ...	1,085	Quarters	6,810		Horses ...	340
Meslin (Mischiato) ...	2,130	"	10,708		Asses ...	1,146
Barley ...	104	"	595		Mules ...	576
Maize * ...	113	"	462		Horned cattle ...	1,147
Beans and Peas ...	609	"	2,266		Sheep ...	7,422
Potatoes ...	177	Tons	495		Goats ...	8,090
Onions ...	23	"	147		Pigs ...	932
Cumin seed ...	181	Cwts.	813			
Cotton ...	37	lbs.	9,475			
Vegetables ...	203	Cwts.	15,710			
Forages ...	3,004	Loads	108,605			
Citrus fruits ...	14	Dozen	10,830			
Vines and other fruits ...	1,198	Cwts.	93,210			

† For Agricultural year June 1932—May 1933.

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

YIELD OF ANIMAL PRODUCE DURING THE YEAR.

No returns available.

2. FORESTRY.

There are no forests in Malta.

3. FISHERIES.

Catch of Fish, etc.			Number of boats engaged in fishing	Number of persons engaged in fishing
Species	Quantity	Landed Value		
	(Crs.)	£		
Dog fish (var. sp.)	523	2,170	Malta 590	British 3,500
Hammerhead	31	168	Gozo 207	Foreigners
Porbeagle	49	270	Total 797	3,300
Angelfish	112	450		
Stays (var. sp.)	310	1,034		
Eel	11	111		
Conger	63	420		
Mutrey	44	295		
Power	21	132		
Brill	15	170		
Forkbeards (var. sp.)	32	240		
Alfa shad	119	320		
Pilchard	20	100		
Garfish	15	110		
(Saurus griseus)	23	124		
Grey mullet	75	593		
Sea pike	4	30		
Wrasse (var. sp.)	40	253		
Rainbow wrasse	12	55		
Razor fish	6	75		
(Saurus cretensis)	30	175		
Striped snare	622	2,073		
Snare	27	161		
(Dontex)	67	698		
Oldwife	32	190		
Griffhead	15	150		
Boize	43	323		
Pandora	46	355		
Axillary Beam	4	20		
(Sparus sp.)	20	150		
(Sargus vulgaris)	56	307		
Egyptian sargo	90	712		
Bogue	800	2,666		
(Box salpa)	113	660		
Black tail	154	1,350		
Striped mullet	16	107		
Red mullet	94	666		
Piper, gurgard, etc.	83	312		
Scorpaena	33	195		
Porcine scorpaena	53	310		
Bass	13	150		
Stone loase	45	335		
Comber	60	356		
Leathered perch	47	280		
Dusky perch	127	955		
(Umlarina cirrhosa)	36	240		
Sword fish	30	210		
Spanish mackerell	41	198		
Mackerell	20	112		
Tunny	18	165		
Long finned tunny	1	15		
(Thynnus tunnina)	25	155		
Balsal bonito	30	420		
Plain bonito	82	410		
Pilot fish	475	3,370		
(Seriola lamerilli)	93	775		
Horse mackerell	105	480		
Cocophene	830	5,187		
Translucent goby	26	238		
Greater weaver	23	134		
Lesser weaver	24	140		
Star gazer	6	35		
Squid	34	184		
Cuttle fish	38	380		
Octopus	131	390		
	6,409	34,015		

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

The industry is practically wholly dependent on inshore fishing. Owing to unprovident methods of fishing, the industry has suffered considerably during recent years. Fishing Regulations were issued mainly for the purpose of protecting fish in their young stages; these regulations, however, have proved inadequate to check the indiscriminate use of harmful implements, especially small meshed drag nets, consequently the destruction of immature fish is still carried on to no little extent. It is intended to enforce more stringent protective regulations and also provide better supervision for their due observance. It is anticipated that when these measures will be adopted, the industry will eventually be restored to its normal conditions. The adoption of motor power and larger craft for the exploitation of distant fishing grounds has been, though on a very limited scale, already initiated.

4. MINERALS.

Quantity and value of each class of Minerals mined or quarried during the year 1932, 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		£					
(ii) Quarried:— Globigerina Limestone ...	c. ft. 12,200,000	203,334	No metallic ores	—Nil—		—Nil—	
Coralline do. ...	c. ft. 63,000	2,625					
(a) in blocks ...	c. yds. 60,000	10,500					
(b) in spalls ...							
(iii) Produced:— Lime ...	salms* 72,000	8,700					
Common salt (sodium chloride):— (a) Total production ...	salms* 4,000	—					
(b) sold of above ...	salms* 2,190	876					
Total ...		226,035					

The geographical survey of Malta is complete, that of Gozo was started in 1931. About 109 square miles, including a portion of Gozo, 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, 1933.

(so far as are 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... 125	—	Not available	Not available	Not available
	Gozo... 251	—			
Artificial Wine ...	Malta... 3	—			
	Gozo... 1	—			
Breweries ...	Malta... 4	227			
Distilling Orange flower water ...	Malta... 32	—			
	Gozo... 25	—			
Cigarettes ...	Malta... 74	663			
	Gozo... 1	—			
Cigars ...	Malta... 10	31			
Caps ...	Do... 15	54			
Shoddy ...	Do... 4	18			
Furniture and Cabinet making ...	Malta... 146	580			
	Gozo... 2	—			
Candles ...	Malta... 8	22			
	Do... 15	137			
Fleur milling ...	Gozo... 7	14			
Cement-tile Manufacture ...	Malta... 21	95			
	Gozo... 4	31			
Mineral Water Manufacture ...	Malta... 25	169			
	Gozo... 5	5			
Pastr Factories ...	Malta... 24	93			
	Gozo... 4	6			
Engineering Works... ..	Malta... 9	94			
	Do... 4	105			
Oil storage and distribution plants	Gozo... 1	2			
Coopers ...	Malta... 10	17			
Beer bottling ...	Do... 6	64			
	Do... 24	142			
Boat-builders (including lighters)	Gozo... 2	—			
	Malta... 5	23			
Ice Manufacture ...	Gozo... 1	—			
Gas Works ...	Malta... 1	119			
	Do... 7	25			
Fireworks ...	Gozo... 1	—			
	Malta... 20	196			
Printing ...	Gozo... 1	—			

6. INDUSTRIAL ESTABLISHMENTS, &c.—cont.

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
Marble Works ...	Malta... 10	22	Not available	—	Not available
	Gozo ... 1	—		—	
Gold & Silver Smith ...	Malta... 52	95		—	
	Gozo ... 1	—		—	
Tomato Factories ...	Malta... 2	28		—	
Laundries and dry cleaning establishments ...	Do. ... 34	170		—	
	Do. ... 46	180		—	
Confectioneries ...	Gozo ... 4	1		—	
Government Electricity Works...	Malta... 1	204		Units 9,641,000	
	Gozo ... 1	13		.. 72,542	
Government Water Works ...	Malta... 1	301		Gallons. 1,141,000,000	
	Gozo ... 1	22		41,610,000	

7. SUMMARY OF INDUSTRIAL DEVELOPMENT.

The rainfall was fairly abundant (Malta 24.20 inch., Gozo 26.91 inch.), but the rainy season was short, lasting only from the middle of October to the middle of February. Light showers in March and abundant dews in May favoured the ripening of spring crops, but were short of an adequate degree of moisture for dry farming.

The area under cultivation was 46,913 acres (including about 4,000 acres under a second crop) of which 17,372 acres under corn, 12,348 acres under forages, 11,613 acres under vegetables, and 2,380 acres of fruit trees. Of the area under corn 9,617 acres were reserved for wheat yielding over 38,000 quarters, 5,633 acres for barley and meslin with a yield of 29,735 quarters, and the rest for other cereals and beans. The cultivation of cumin (.695 acres) and cotton continued to decrease owing to the low prices of the preceding years. Of the area under vegetables there were 1,394 acres with onions yielding 9,442 tons, almost all of which remained unsold, 287 acres of tomatoes with a heavy yield, and 3,009 acres of winter and 3,875 acres of spring and summer potatoes. The area under fruit trees has continued to increase and is now estimated at 2,380 acres, namely 1,872 acres under vines, 188 acres citrus trees and 1,120 acres other fruit trees. The planting of vineyards proceeds steadily especially in Gozo.

The value of the total output of agriculture in these Islands for the year was estimated at £1,112,570, divided equally between farm crops and farmstead and dairy produce.

The use of chemical fertilizers, especially sulphate of ammonia and superphosphates has increased; the re-constitution and planting of new vineyards has proceeded apace, over 177,000 of rootlings and graftlings of American vines being sold during this year from Government Nurseries alone. The production of grapes was estimated at 96,000 Maltese cantars yielding 1,140,000 Imperial gallons of wine. During the first half of the year swine and cattle breeding suffered heavily from the unfettered competition of pigs and bullocks imported ready fittened for slaughter; but there was a marked improvement after the middle of June due to the protective duties introduced by Act No. XXXIX of 1933. The same Act has revived the canning industry and the production of tomato sauce and extracts.