

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                                  | 3-3432 | 3-3432 | 404 1 4         | 16,653.6858                      | —                        | — (a)       | 121,844              |

Remarks:—

\* For the Financial year 1933-34.

(a) Uncultivated lands. These consist of rocky wastes and are uncultivated. 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 †

| District and nature of crop |     |     | Number of acres under cultivation | Gross quantity of produce | PASTURE ‡               |
|-----------------------------|-----|-----|-----------------------------------|---------------------------|-------------------------|
| VALLETTA DISTRICT           |     |     |                                   |                           | Acreage of pasture land |
| Wheat                       | ... | ... | 177                               | Quarters                  | 732                     |
| Meslin (Mischato)           | ... | ... | —                                 | ..                        | —                       |
| Barley                      | ... | ... | 56                                | ..                        | 320                     |
| Maize †                     | ... | ... | 4                                 | ..                        | 29                      |
| Beans and Peas              | ... | ... | 20                                | ..                        | 173                     |
| Vetches                     | ... | ... | 45                                | ..                        | 152                     |
| Potatoes                    | ... | ... | 115                               | Tons                      | 575                     |
| Onions                      | ... | ... | 6                                 | ..                        | 37                      |
| Cumin seed                  | ... | ... | 26                                | Cwts.                     | 117                     |
| Cotton                      | ... | ... | 2                                 | lbs.                      | 126                     |
| Vegetables                  | ... | ... | 40                                | Cwts.                     | 5,040                   |
| Forages                     | ... | ... | 178                               | Lods                      | 6,861                   |
| Citrus fruits               | ... | ... | 5                                 | Dzwn                      | 7,180                   |
| Vines                       | ... | ... | 1                                 | Cwts.                     | 31                      |
| Other fruits                | ... | ... | 18                                | ..                        | 1,090                   |

† For Agricultural year June 1933—September 1934.

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

| CROPS†                      |                                   |                           | PASTURE‡                | LIVESTOCK<br>on 31st December, 1934. |        |
|-----------------------------|-----------------------------------|---------------------------|-------------------------|--------------------------------------|--------|
| District and nature of crop | Number of acres under cultivation | Gross quantity of produce | Average of pasture land | District and nature of livestock     | Number |
| <b>EAST DISTRICT</b>        |                                   |                           | 189 acres               |                                      |        |
| Wheat ... ..                | 1,951                             | Quarters 6,894            |                         | <b>VALLETTA DISTRICT</b>             |        |
| Medlin (Mischiato) ... ..   | —                                 | " "                       |                         | Horses ... ..                        | 68     |
| Barley ... ..               | 1,690                             | " "                       |                         | Asses ... ..                         | 5      |
| Maize* ... ..               | 2                                 | " "                       |                         | Mules ... ..                         | 16     |
| Beans and Peas ... ..       | 571                               | " "                       |                         | Sheep ... ..                         | 2      |
| Vetches ... ..              | 193                               | " "                       |                         | Goats ... ..                         | 4      |
| Potatoes ... ..             | 1,274                             | Tons 6,010                |                         | Pigs ... ..                          | 3      |
| Onions ... ..               | 778                               | " "                       |                         |                                      |        |
| Cumin seed ... ..           | 560                               | Cwts. 2,849               |                         |                                      |        |
| Cotton ... ..               | 9                                 | lbs. 1,424                |                         |                                      |        |
| Vegetables ... ..           | 454                               | Cwts. 55,653              |                         |                                      |        |
| Forages ... ..              | 2,714                             | Loads 134,339             |                         |                                      |        |
| Citrus fruits ... ..        | 25                                | Dozen 29,510              |                         |                                      |        |
| Vines ... ..                | 64                                | Cwts. 1,983               |                         |                                      |        |
| Other fruits ... ..         | 330                               | " "                       |                         |                                      |        |
| <b>CENTRAL DISTRICT</b>     |                                   |                           | 96 acres                | <b>EAST DISTRICT</b>                 |        |
| Wheat ... ..                | 1,500                             | Quarters 6,167            |                         | Horses ... ..                        | 846    |
| Medlin (Mischiato) ... ..   | —                                 | " "                       |                         | Asses ... ..                         | 577    |
| Barley ... ..               | 538                               | " "                       |                         | Mules ... ..                         | 639    |
| Maize* ... ..               | 8                                 | " "                       |                         | Horned cattle ... ..                 | 453    |
| Beans and Peas ... ..       | 403                               | " "                       |                         | Sheep ... ..                         | 5,164  |
| Vetches ... ..              | 340                               | " "                       |                         | Goats ... ..                         | 8,752  |
| Potatoes ... ..             | 1,323                             | Tons 6,915                |                         | Pigs ... ..                          | 665    |
| Onions ... ..               | 130                               | " "                       |                         |                                      |        |
| Cumin seed ... ..           | 414                               | Cwts. 2,521               |                         |                                      |        |
| Cotton ... ..               | 5                                 | lbs. 791                  |                         |                                      |        |
| Vegetables ... ..           | 939                               | Cwts. 119,238             |                         |                                      |        |
| Forages ... ..              | 1,793                             | Loads 92,595              |                         |                                      |        |
| Citrus fruits ... ..        | 90                                | Dozen 87,680              |                         |                                      |        |
| Vines ... ..                | 46                                | Cwts. 1,431               |                         |                                      |        |
| Other fruits ... ..         | 743                               | " "                       |                         |                                      |        |
| <b>WEST DISTRICT</b>        |                                   |                           | 208 acres               | <b>CENTRAL DISTRICT</b>              |        |
| Wheat ... ..                | 4,055                             | Quarters 17,770           |                         | Horses ... ..                        | 784    |
| Medlin (Mischiato) ... ..   | —                                 | " "                       |                         | Asses ... ..                         | 1,009  |
| Barley ... ..               | 686                               | " "                       |                         | Mules ... ..                         | 977    |
| Maize* ... ..               | 19                                | " "                       |                         | Horned cattle ... ..                 | 927    |
| Beans and Peas ... ..       | 636                               | " "                       |                         | Sheep ... ..                         | 3,348  |
| Vetches ... ..              | 1,346                             | " "                       |                         | Goats ... ..                         | 6,809  |
| Potatoes ... ..             | 1,147                             | Tons 5,735                |                         | Pigs ... ..                          | 551    |
| Onions ... ..               | 357                               | " "                       |                         |                                      |        |
| Cumin seed ... ..           | 437                               | Cwts. 2,795               |                         |                                      |        |
| Cotton ... ..               | 4                                 | lbs. 666                  |                         |                                      |        |
| Vegetables ... ..           | 1,539                             | Cwts. 214,101             |                         |                                      |        |
| Forages ... ..              | 2,668                             | Loads 134,648             |                         |                                      |        |
| Citrus fruits ... ..        | 55                                | Dozen 53,420              |                         |                                      |        |
| Vines ... ..                | 398                               | Cwts. 12,338              |                         |                                      |        |
| Other fruits ... ..         | 527                               | " "                       |                         |                                      |        |
| <b>GOZO DISTRICT</b>        |                                   |                           | 334 acres               | <b>WEST DISTRICT</b>                 |        |
| Wheat ... ..                | 1,640                             | Quarters 7,237            |                         | Horses ... ..                        | 1,014  |
| Medlin (Mischiato) ... ..   | 1,840                             | " "                       |                         | Asses ... ..                         | 979    |
| Barley ... ..               | 179                               | " "                       |                         | Mules ... ..                         | 894    |
| Maize* ... ..               | 119                               | " "                       |                         | Horned cattle ... ..                 | 1,391  |
| Beans and Peas ... ..       | 425                               | " "                       |                         | Sheep ... ..                         | 2,634  |
| Vetches ... ..              | 372                               | " "                       |                         | Goats ... ..                         | 5,132  |
| Potatoes ... ..             | 213                               | Tons 1,063                |                         | Pigs ... ..                          | 3,124  |
| Onions ... ..               | 23                                | " "                       |                         |                                      |        |
| Cumin seed ... ..           | 255                               | Cwts. 1,303               |                         |                                      |        |
| Cotton ... ..               | 43                                | lbs. 9,460                |                         |                                      |        |
| Vegetables ... ..           | 231                               | Cwts. 29,112              |                         |                                      |        |
| Forages ... ..              | 1,468                             | Loads 71,043              |                         |                                      |        |
| Citrus fruits ... ..        | 15                                | Dozen 17,040              |                         |                                      |        |
| Vines ... ..                | 820                               | Cwts. 51,660              |                         |                                      |        |
| Other fruits ... ..         | 328                               | " "                       |                         |                                      |        |
| <b>GOZO DISTRICT</b>        |                                   |                           |                         | <b>GOZO DISTRICT</b>                 |        |
| Wheat ... ..                | 1,640                             | Quarters 7,237            |                         | Horses ... ..                        | 339    |
| Medlin (Mischiato) ... ..   | 1,840                             | " "                       |                         | Asses ... ..                         | 1,335  |
| Barley ... ..               | 179                               | " "                       |                         | Mules ... ..                         | 506    |
| Maize* ... ..               | 119                               | " "                       |                         | Horned cattle ... ..                 | 1,141  |
| Beans and Peas ... ..       | 425                               | " "                       |                         | Sheep ... ..                         | 8,474  |
| Vetches ... ..              | 372                               | " "                       |                         | Goats ... ..                         | 7,711  |
| Potatoes ... ..             | 213                               | Tons 1,063                |                         | Pigs ... ..                          | 866    |
| Onions ... ..               | 23                                | " "                       |                         |                                      |        |
| Cumin seed ... ..           | 255                               | Cwts. 1,303               |                         |                                      |        |
| Cotton ... ..               | 43                                | lbs. 9,460                |                         |                                      |        |
| Vegetables ... ..           | 231                               | Cwts. 29,112              |                         |                                      |        |
| Forages ... ..              | 1,468                             | Loads 71,043              |                         |                                      |        |
| Citrus fruits ... ..        | 15                                | Dozen 17,040              |                         |                                      |        |
| Vines ... ..                | 820                               | Cwts. 51,660              |                         |                                      |        |
| Other fruits ... ..         | 328                               | " "                       |                         |                                      |        |

† For Agricultural year June 1933—September 1934.

\* 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.)   | ... | ...      | ...          | Malta ... .. 670   | British ... .. 3,500                 |
| Hammerhead...         | ... | 750      | 3,019        | Gozo ... .. 197  | Foreigners ... ..                    |
| Porbeagle ...         | ... | 57       | 231          | Total .. .. 867  | 3,500                                |
| Angelfish ...         | ... | 105      | 483          | General information regarding the industry and the possibilities of its development.   |                                      |
| Rays (var. sp.)       | ... | 177      | 590          | The exploitation of deep sea fishing grounds has developed materially since larger craft and motor power were introduced. The application of modern methods of fishing with the "Lampara" and similar implements have given satisfactory results with an increase in the supply of fish. |                                      |
| Eel ...               | ... | 480      | 3,072        | Steps have been taken for the improvement of the wholesale and retail markets and it is anticipated that this will promote a better distribution of fish.  |                                      |
| Conger ...            | ... | 9        | 71           |  |                                      |
| Murres ...            | ... | 104      | 432          |  |                                      |
| Power ...             | ... | 84       | 322          |  |                                      |
| Brill ...             | ... | 32       | 221          |  |                                      |
| Forkbeards (var. sp.) | ... | 18       | 108          |  |                                      |
| Arlic shad ...        | ... | 42       | 194          |  |                                      |
| Pilchard ...          | ... | 373      | 1,104        |  |                                      |
| Garfish ...           | ... | 33       | 83           |  |                                      |
| (Saurus griseus)      | ... | 71       | 408          |  |                                      |
| Grey mullet ...       | ... | 30       | 150          |  |                                      |
| Sea pike ...          | ... | 137      | 970          |  |                                      |
| Wrasse (var. sp.)     | ... | 14       | 63           |  |                                      |
| Rainbow wrasse        | ... | 50       | 200          |  |                                      |
| Razor fish ...        | ... | 18       | 80           |  |                                      |
| (Saurus cretensis)    | ... | 5        | 53           |  |                                      |
| Streaked snare        | ... | 18       | 70           |  |                                      |
| Snare ...             | ... | 1,401    | 4,670        |  |                                      |
| (Dentex) ...          | ... | 300      | 252          |  |                                      |
| Oldwife ...           | ... | 81       | 601          |  |                                      |
| Gilt-head ...         | ... | 41       | 234          |  |                                      |
| Bonito ...            | ... | 30       | 215          |  |                                      |
| Pandora ...           | ... | 65       | 428          |  |                                      |
| Axillary Iberus       | ... | 101      | 620          |  |                                      |
| (Sparus sp.) ...      | ... | 12       | 57           |  |                                      |
| (Sargus vulgaris)     | ... | 31       | 218          |  |                                      |
| Egyptian sargo        | ... | 78       | 518          |  |                                      |
| Bogue ...             | ... | 153      | 1,083        |  |                                      |
| (Box salpa) ...       | ... | 774      | 3,903        |  |                                      |
| Black tail ...        | ... | 209      | 1,043        |  |                                      |
| Striped mullet        | ... | 215      | 1,614        |  |                                      |
| Red mullet ...        | ... | 20       | 98           |  |                                      |
| Piper, gurgard, etc.  | ... | 198      | 1,403        |  |                                      |
| Scorpaena ...         | ... | 294      | 668          |  |                                      |
| Panorae scorpaena     | ... | 60       | 248          |  |                                      |
| Base ...              | ... | 90       | 413          |  |                                      |
| Stone base ...        | ... | 18       | 104          |  |                                      |
| Comber ...            | ... | 102      | 462          |  |                                      |
| Leathered perch       | ... | 108      | 537          |  |                                      |
| Dusky perch ...       | ... | 74       | 401          |  |                                      |
| (Umbra cirrhosa)      | ... | 170      | 1,197        |  |                                      |
| Sword fish ...        | ... | 60       | 398          |  |                                      |
| Spanish mackerell     | ... | 48       | 354          |  |                                      |
| Mackerell ...         | ... | 410      | 1,550        |  |                                      |
| Tunny ...             | ... | 188      | 938          |  |                                      |
| Long finned tunny     | ... | 21       | 150          |  |                                      |
| (Thynnus tunnina)     | ... | 12       | 90           |  |                                      |
| Belted bonito ...     | ... | 38       | 246          |  |                                      |
| Plain bonito ...      | ... | 42       | 383          |  |                                      |
| Pilot fish ...        | ... | 161      | 804          |  |                                      |
| (Seriola dumerilii)   | ... | 257      | 936          |  |                                      |
| Horse mackerell       | ... | 168      | 807          |  |                                      |
| Comphene ...          | ... | 357      | 744          |  |                                      |
| Transparent goby      | ... | 1,802    | 8,255        |  |                                      |
| Greater weaver        | ... | 87       | 825          |  |                                      |
| Lesser weaver         | ... | 45       | 165          |  |                                      |
| Star gazer ...        | ... | 39       | 150          |  |                                      |
| Squid ...             | ... | 9        | 42           |  |                                      |
| Cuttle fish ...       | ... | 81       | 817          |  |                                      |
| Octopus ...           | ... | 60       | 378          |  |                                      |
|                       |     | 105      | 408          |  |                                      |
|                       |     | 44,459   | 51,780       |  |                                      |

## 4. MINERALS.

| Mineral   | Quantity          | Value   | Remarks  |
|---|-------------------|---------|--|
| (i) Mined—<br>No mines                                  |                   | £       |  |
| (ii) Quarried:—<br>Glohalgeria Limestone                | c. ft. 11,000,000 | 183,333 | This amount has been arrived at after making allowance for stones obtained from cutting of rock in consequence of levelling etc. |
| Coralline Limestone                                     |                   |         |  |
| (a) in blocks ...                                       | c. ft. 20,000     | 833     |  |
| (b) in spalls ...                                       | c. yds. 78,886    | 9,954   |  |
| (iii) Produced:—<br>Lime                                | salms * 90,000    | 10,500  |  |
| Common salt (sodium chloride):—<br>(a) Total production | salms * 7,500     | —       |  |
| (b) Sold of above                                       | salms * 4,000     | 1,600   |  |

\* One salm=8 Imperial Bushels.

## 5. WATER POWER.

No water power available in the Colony.

## 6. INDUSTRIAL ESTABLISHMENTS AND MANUFACTORIES

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

| Industry                            | Place and Number of Establishment and Factories | Number of persons employed. | Output during the year |
|-------------------------------------|---|-----------------------------|------------------------|
| Natural Wine ...                    | Malta ... 111                                   | —                           | 10,851 barrels         |
| Artificial Wine ...                 | Gozo ... 272                                    | —                           | 26,536 do.             |
| Breweries ...                       | Malta ... 3                                     | —                           | —                      |
| Distilling Orange Flower Water      | Malta ... 4                                     | 242                         | —                      |
| Cigarettes ...                      | Do. ... 30                                      | —                           | 3,539 litres           |
| Cigars ...                          | Gozo ... 22                                     | —                           | 9,133 do.              |
| Caps ...                            | Malta ... 67                                    | 918                         | —                      |
| Shoddy ...                          | Gozo ... 1                                      | —                           | —                      |
| Furniture and Cabinet Making        | Malta ... 12                                    | 35                          | —                      |
| Candles ...                         | Do. ... 15                                      | 54                          | —                      |
| Flour Milling ...                   | Do. ... 4                                       | 24                          | —                      |
| Cement tiles Manufacture            | Do. ... 140                                     | 679                         | —                      |
| Mineral Water Manufacture           | Gozo ... 2                                      | —                           | —                      |
| Paste Factories ...                 | Malta ... 8                                     | 22                          | —                      |
| Engineering Works                   | Do. ... 15                                      | 137                         | —                      |
| Oil Storage and Distributing Plants | Gozo ... 4                                      | 9                           | —                      |
| Coppers ...                         | Malta ... 21                                    | 112                         | —                      |
| Beer Bottling ...                   | Gozo ... 5                                      | 50                          | —                      |
| Boat Builders (including lighters)  | Malta ... 25                                    | 177                         | —                      |
| Ice Manufacture ...                 | Gozo ... 3                                      | 6                           | —                      |
| Gas Works ...                       | Malta ... 25                                    | 107                         | —                      |
|                                     | Gozo ... 4                                      | 7                           | —                      |
|                                     | Malta ... 9                                     | 94                          | —                      |
|                                     | Do. ... 4                                       | 108                         | —                      |
|                                     | Gozo ... 2                                      | 11                          | —                      |
|                                     | Malta ... 17                                    | 37                          | —                      |
|                                     | Do. ... 6                                       | 64                          | —                      |
|                                     | Do. ... 24                                      | 142                         | —                      |
|                                     | Gozo ... 1                                      | —                           | —                      |
|                                     | Malta ... 5                                     | 28                          | —                      |
|                                     | Gozo ... 1                                      | 1                           | —                      |
|                                     | Malta ... 1                                     | 119                         | —                      |

Not Available.

## 6. INDUSTRIAL ESTABLISHMENTS, &amp;c.—cont.

| Industry                   | Place | Number of persons employed | Output during the year |
|----------------------------|-------|----------------------------|------------------------|
| Fireworks                  | Malta | 7                          | Not available          |
|                            | Gozo  | 3                          |                        |
| Printing                   | Malta | 30                         |                        |
|                            | Gozo  | 1                          |                        |
| Marble Works               | Malta | 10                         |                        |
|                            | Gozo  | 1                          |                        |
| Gold and Silver Smiths     | Malta | 52                         |                        |
|                            | Gozo  | 2                          |                        |
| Canning Works              | Malta | 3                          |                        |
| Laundries and Dry Cleaning | Do.   | 35                         |                        |
|                            | Do.   | 47                         |                        |
| Confectioneries            | Do.   | 6                          |                        |
|                            | Malta | 1                          |                        |
| Electricity                | Gozo  | 1                          |                        |
|                            | Malta | 1                          |                        |
| Water Works                | Malta | 400                        |                        |
|                            | Gozo  | 1                          |                        |
| Metal Polish Factory       | Malta | 1                          |                        |
|                            | Do.   | 1                          |                        |
| Pipe Factory               | Do.   | 22                         |                        |
| Carbonic Acid Gas          | Do.   | 2                          |                        |
| Caustic Soda               | Do.   | 1                          |                        |
| Earthenware                | Do.   | 7                          |                        |
|                            | Gozo  | 2                          |                        |
|                            |       |                            | 9,842,000 Units        |
|                            |       |                            | 82,000 do.             |
|                            |       |                            | 1,115,000,000 Galls.   |
|                            |       |                            | 41,000,000 "           |

## 7. SUMMARY OF INDUSTRIAL DEVELOPMENT.

The rainfall was fairly abundant (Malta 24.20 ins., Gozo 26.38 ins.), but the rainy season was short, extending from the 19th November to the 7th of March. Light showers and heavy dews in April and May helped considerably the maturing of crops.

The total area under cultivation was 44,969 acres (including about 1,000 acres under a second crop) of which 14,470 acres under corn, 13,377 acres under forages (including vetches and beans), 12,416 acres under vegetables, and 2,974 acres of fruit trees. Of the area under corn 9,329 acres were reserved for wheat yielding about 39,000 quarters, 5,141 acres were under barley, meslin and maize with a yield of 29,739 quarters. There were 1,712 acres under cummin with a yield of 9,557 cwts. The cultivation of cotton dwindled to 63 acres yielding 12,469 lbs. of lint. Of the area under vegetables there were 1,289 acres under onions yielding 7,749 tons, 375 acres of tomatoes, with a crop of 60,770 cwts. and 2,596 acres of winter and 4,572 acres of spring and summer potatoes. The winter crop was very poor but the spring and summer crops were record ones, with a yield of 22,250 tons or a mean of 4.8 tons per acre. The area under fruit trees has increased to 2,974 acres, including 1,329 acres of vineyard and 193 acres of citrus trees.

The value of the total output of agriculture in these Islands for the year was estimated at about £1,113,000 divided equally between farm crops and farmstead and dairy produce. The use of chemical fertilizers, especially sulphate of ammonia and superphosphates has increased; the reconstitution of old and the planting of new vineyards is proceeding with alacrity, over rootlings and graftlings of American stock being sold during this year from Government Nurseries. The grape crop was estimated at 67,445 cwts. Customs duties for the protection of swine husbandry were raised by Act No. XXXIX of 1933 and again by Ordinance No. XXXIII of 1934. A third cannery was established during the year for the canning of vegetables and peeled tomatoes and the production of tomato puree.