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PREFACE

The present bulletin is confessedly a compilation of the information available regarding the area under various crops in Sind and its distribution. But we have found so much difficulty in getting information on the subject, while much of the data have never been published before, that it seemed very advisable to place it on record in an available form. I, therefore, asked Mr. G. R. Ambekar, who is in charge of the Statistical Branch of the office of the Director of Agriculture to get together all the information he could command, and prepare it for publication. This he has done, and I have submitted it to a critical revision. I hope it will be found useful by those interested in Sind on the eve of the new irrigation developments which are likely to transform the country.

HAROLD H. MANN,
Director of Agriculture.

Poona, 15th October 1927.

Table XII—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Karachi District in 1924-25

No.	Crop	Karachi	Mirpur Sakro	Ghora-bari	Shah-bunder	Jati	Sujawal	Mirpur Bathoro	Tatta	Kohistan	Kotri	Manj-hand	Total Karachi District
	<i>A.—Vegetables (Roots and Tubers)</i>	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1	Onion	204	41	2	6	57	15	34	61	11	36	11	478
2	Sweet Potato	95	60	..	..	35	2	67	18	..	..	..	277
3	Potato	1,908	12	8	..	..	..	..	7	..	..	..	1,925
4	Radish	12	8	2	2	45	4	18	8	..	..	..	89
5	Carrot	193	6	..	1	9	10	46	10	2	10	..	287
6	Others	156	..	..	..	..	..	..	..	..	..	..	156
	Total ..	2,563	127	7	9	146	31	160	99	13	46	11	3,212
	<i>B.—Vegetables (Green)</i>												
7	Cabbage	298	..	..	..	..	..	..	..	..	..	..	298
8	Edible Hibiscus	89	..	..	..	..	..	..	2	..	1	..	92
9	Brinjal	507	2	6	2	28	6	5	45	..	2	..	603
10	Tomato	30	..	..	..	..	..	..	..	..	..	..	30
11	Fenugreek	68	..	1	2	13	..	1	5	..	3	..	93
12	Musk Melon	142	92	76	42	42	141	90	210	..	738	..	1,573
13	Water Melon	176	45	52	7	2	45	15	35	..	5	..	382
14	Others	233	2	5	13	26	16	2	15	..	7	..	324
	Total ..	1,543	141	140	71	111	208	113	312	..	746	..	3,395

<i>C.—Green Feed</i>															
13	Lucerne	..	..	1,588	..	..	12	..	..	..	..	1,604		
14	Hot-weather Jowar	..	..	..	..	..	..	..	..	..	..	..
15	Field Vetch	..	..	..	..	..	..	..	..	..	..	..
16	Others	..	..	479	9	..	..	8	..	..	182	206	633	
	Total	..	..	2,067	9	..	12	8	..	..	186	205	2,437	
<i>D.—Fruit Trees</i>															
17	Plantain	..	..	92	9	2	1	80	3	8	..	5	1	151
18	Mango	..	..	1,080	181	37	34	84	71	259	197	1	5	1,850
19	Lime	..	..	..	1	..	1	5	..	1	4	..	..	12
20	Orange	..	..	..	..	..	..	..	..	..	4	..	..	4
21	Citron	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Pomelo	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Pomegranate	..	..	23	5	3	..	5	..	1	27	..	1	66
24	Guava	..	..	71	9	7	17	17	12	8	37	..	6	184
25	Custard Apple	..	..	2	..	..	..	..	..	..	..	..	..	2
26	Date Palm	..	..	130	4	1	..	6	..	1	1	..	50	193
27	Fig	..	..	6	..	..	..	..	..	..	..	..	..	6
28	Papaya	..	..	222	..	..	..	..	..	..	..	..	..	222
29	Grape	..	..	26	..	..	1	3	..	..	2	..	..	32
30	Others	..	..	35	3	1	..	56	2	3	11	..	1	112
	Total	..	..	1,637	162	51	54	176	85	276	291	1	67	2,834
	Total, Orchard and Garden Produce.			7,810	439	198	146	441	324	549	702	14	1,005	220	11,878

Table XIII—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Hyderabad District in 1924-25

No.	Crop	Hyderabad	Hala	Tando Alahyar	Dero Mohbat	Tando Bago	Badin	Guni	Total Hyderabad District
		Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
<i>A.—Vegetables (Roots and Tubers)</i>									
1	Potato .. .. .	....	....	....	....	....	....	....	....
2	Sweet Potato	699	65	184	29	43	26	46	1,092
3	Onion	125	140	30	44	108	131	116	694
4	Carrot	16	40	7	5	16	44	15	143
5	Radish	4	2	....	3	10	13	34	66
6	Others .. .. .	....	....	....	....	....	8	....	8
	Total ..	844	247	221	81	177	223	211	2,003
<i>B.—Vegetables (Green)</i>									
7	Cabbage	5	....	....	....	1	....	....	6
8	Brinjal	32	27	10	1	1	7	33	111
9	Tomato	1	....	....	....	....	....	....	1
10	Fenugreek	7	120	3	....	....	1	15	146
11	Edible Hibiscus	14	10	....	....	....	....	10	34
12	Musk Melon	421	1,017	183	11	146	240	135	2,153
13	Water Melon	59	420	5	9	493
14	Others	74	3	12	23	20	132
	Total ..	613	1,594	199	24	176	277	193	3,076

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C.—Green Fodder

15	Lucerne	88	1	5	2	96
16	Hot-weather Jowar	16	16
17	Field Vetch	512	801	380	44	218	1,955
18	Others	609	23	....	4	41	112	100	949
	Total ..	1,285	23	801	384	86	117	320	3,016
	<i>D.—Fruit Trees</i>								
19	Plantain	40	3	1	3	2	8	14	71
20	Mango	976	405	79	301	226	145	204	2,486
21	Lime	20	25	6	3	7	2	5	68
22	Sweet Lime .. .. .	....	3	....	....	....	....	....	3
23	Orange	4	1	....	....	....	1	....	6
24	Citron	1	....	....	....	....	....	....	1
25	Pomegranate	111	20	2	23	2	3	32	193
26	Guava	186	19	3	22	13	21	49	313
27	Custard Apple	1	....	....	....	....	....	....	1
28	Fig	15	....	....	....	....	....	....	15
29	Date Palm	5	1	....	2	....	3	10	21
30	Grape	9	1	....	1	1	....	1	13
31	Others	285	96	11	18	8	1	40	456
	Total ..	1,658	330	102	308	259	184	445	3,647
	Total, Orchard and Garden Produce ..	4,395	2,500	1,322	857	698	800	1,169	11,741

Table XIV—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Thar Parkar District in 1924-25

No.	Crop	Mirpur- khas	Digrj	Jame- sabad	Samaro (Pithoro)	Umarkot	Khipro	Sanghar	Diplo	Mithi	Nagar Parkar	Chhachro	Total, Thar Parkar District
		Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
<i>A—Vegetables (Roots and Tubers)</i>													
1	Potato .. ..	..	..	..	..	..	..	..	..	..	..	..	..
2	Sweet Potato	8	4	..	..	2	..	..	..	..	1	..	15
3	Onion	8	32	9	18	63	11	8	2	1	23	..	175
4	Carrot	9	12	8	9	26	6	2	1	..	4	..	77
5	Radish	4	8	4	5	17	3	1	2	7	7	4	62
6	Others .. ..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	29	56	21	32	108	20	11	5	8	35	4	329
<i>B—Vegetables (Green)</i>													
7	Cabbage .. ..	..	1	2	..	1	..	..	..	..	..	..	4
8	Brinjal	6	3	2	1	6	1	..	..	..	6	..	25
9	Tomato .. ..	..	..	..	..	..	..	..	..	..	..	..	..
10	Fenugreek	1	2	..	..	..	..	..	..	..	..	..	3
11	Edible Hibiscus .. ..	..	..	..	..	2	1	..	..	..	..	..	3
12	Musk Melon	2	4	14	..	18	2	..	..	..	..	..	40
13	Water Melon .. ..	..	..	..	..	4	..	..	..	..	..	..	4
14	Others	3	8	5	4	10	3	3	1	1	..	..	41
	Total ..	12	18	28	5	41	7	3	1	1	6	..	117

<i>C—Green Fodder</i>													
15	Lucerne	134	819	181	..	1	1	..	..	..	..	..	63
16	Hot-weather Jowar .. ..	..	..	..	..	..	..	..	..	..	..	..	..
17	Field Vetch	277	818	238	24	1,804	58	61	868	3,473	6,840	12,740	25,984
18	Others	186	101	36	..	..	..	..	..	..	..	..	323
	Total	597	733	450	24	1,805	54	61	866	3,473	6,840	12,740	26,948
<i>D—Fruit Trees</i>													
19	Plantain	25	17	18	2	7	6	1	..	..	..	..	76
20	Mango	284	192	175	60	97	91	42	..	..	..	..	941
21	Lime	12	10	11	2	10	2	2	..	..	..	..	49
22	Orange	18	2	6	2	..	..	..	..	..	..	..	28
23	Citron .. ..	..	1	1	..	..	..	..	..	..	..	..	2
24	Pomegranate	22	11	17	7	1	2	2	..	..	..	..	62
25	Guava	24	27	17	4	31	10	5	..	..	..	..	118
26	Fig	2	1	..	..	5	..	..	..	..	..	..	8
27	Date Palm .. ..	..	1	..	..	3	1	..	..	..	..	..	5
28	Grape	9	..	1	..	1	1	..	..	..	..	..	12
29	Others	76	28	34	6	16	14	7	1	..	..	..	182
	Total	472	290	280	83	171	127	59	1	..	..	..	1,483
	Total, Orchard and Garden Produce.	1,110	1,097	774	144	1,625	208	134	673	3,482	6,681	12,744	28,872

Table XV—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Nawabshah District in 1924-25

No.	Crop	Nawabshah	Sinjhoro	Shahdadpur	Sakrand	Moro	Nausharo	Kandiaro	Total, Nawabshah District
		Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
<i>A—Vegetables (Roots and Tubers)</i>									
1	Sweet Potato	1	1	1	1	1	1	1	1
2	Onion	29	47	19	16	53	70	236	
3	Carrot	8	4	2	12	5	31		
4	Radish	1	2	1	3	3	10		
5	Others	50	11	89	124	224			
	Total	8	40	102	21	27	107	202	502
<i>B—Vegetables (Green)</i>									
6	Cabbage	1	1	1	1	1	1	1	1
7	Brinjal	2	8	14	8	14	14	14	
8	Tomato	4	8	2	18	10	37		
9	Fenugreek	4	8	2	18	10	37		
10	Edible Hibiscus	2	2	2	2	2	2	2	
11	Musk Melon	8	37	8	73	59	12	197	
12	Water Melon	8	1	1	7	1	1	17	
13	Others	1	5	3	15	16	50	11	101
	Total	7	20	52	23	96	129	40	369

<i>C—Green Fodder</i>															
14	Lucerne	388	333
15	Hot-Weather Jowar
16	Field Vetch	..	..	..	..	..	9,974	885	768	328	582	2,084	156	14,771
17	Others	..	..	..	..	..	....	146	8	....	....	278	37	464
Total ..							9,974	1,364	766	328	582	2,362	192	15,568	
<i>D—Fruit Trees</i>															
18	Plantain	..	..	..	..	..	....	15	1	1	....	1	....	18
19	Mango	..	..	..	..	..	7	285	104	15	100	408	69	963
20	Lime	..	..	..	..	..	1	15	1	2	17	42	6	89
21	Sweet Lime	..	..	..	..	..	....	4	....	....	....	1	....	5
22	Orange	..	..	..	..	..	....	2	1	....	3	41	2	48
23	Pomelo	..	..	..	..	..	....	....	....	....	....	....	....	....
24	Citron	..	..	..	..	..	....	....	....	....	....	....	....	....
25	Pomegranate	..	..	..	..	..	5	16	3	1	....	....	1	26
26	Guava	..	..	..	..	..	1	7	5	1	....	2	....	16
27	Custard Apple	..	..	..	..	..	....	....	....	....	....	....	....	....
28	Pine Apple	..	..	..	..	..	....	....	1	....	....	....	....	1
29	Fig	..	..	..	..	..	....	....	1	....	....	....	....	1
30	Grape	..	..	..	..	..	....	2	....	....	1	1	1	5
31	Others	..	..	..	..	..	3	14	9	2	4	51	9	87
Total ..							17	339	126	22	125	542	88	1,259	
Total, Orchard and Garden Produce ..							10,001	1,768	1,046	394	832	3,140	522	17,698	

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Table XVI—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Larkana District in 1924-25

No.	Crop	Larkana	Ratodero	Mirokhan.	Kambar	Warah	Labdara (Dokri)	Mehar	Kakar	Dadu	Johi	Sehwan	Total, Larkana District
		Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
<i>A—Vegetables (Roots and Tubers)</i>													
1	Onion	18	66	20	36	30	155	35	69	58	18	32	537
2	Carrot	116	11	5	8	8	14	4	11	4	2	5	178
3	Radish	8	9	3	4	5	2	5	9	1	1	1	48
4	Others	111	43	24	17	27	130	4	18	3	1	..	378
	Total ..	258	129	52	60	65	301	48	107	66	22	38	1,141
<i>B—Vegetables (Green)</i>													
5	Cabbage	22	..	..	..	1	3	..	..	..	..	..	26
6	Brinjal	14	5	2	4	2	9	..	5	..	2	..	43
7	Tomato .. ..	..	..	..	..	..	..	..	..	..	..	..	..
8	Fenugreek	2	1	1	1	3	13	..	..	1	1	1	24
9	Edible Hibiscus	7	1	..	..	..	..	..	..	..	..	1	9
10	Musk Melon	368	215	463	132	82	163	135	154	64	1	147	1,924
11	Water Melon	218	192	40	25	42	86	78	82	2	..	7	772
12	Others	268	134	132	67	70	174	95	228	31	7	53	1,259
	Total ..	899	548	638	229	200	448	306	469	98	11	209	4,057

<i>C—Green Fodder</i>													
13	Lucerne .. ..	..	..	..	1	..	..	..	..	..	..	..	..
14	Hot-Weather Jowar .. ..	..	..	..	..	..	..	..	..	..	94	14	108
15	Field Vetch .. ..	..	83	..	1	..	..	..	2	..	..	2	88
16	Others	55	161	298	49	11	458	1	..	22	5	421	1,479
	Total	55	194	298	50	11	458	3	..	22	99	437	1,625
<i>D—Fruit Trees</i>													
17	Plantain	2	1	1	..	..	1	..	1	..	..	..	6
18	Mango	1,053	80	29	101	11	1,011	123	56	..	1	17	2,482
19	Lime	15	10	1	1	..	12	1	5	..	..	1	46
20	Sweet Lime	2	..	1	..	..	2	..	..	..	..	..	5
21	Orange	1	1	..	1	..	1	1	..	..	..	..	5
22	Citron .. ..	..	..	..	..	..	..	..	..	..	..	..	..
23	Pomegranate	1	..	1	2	..	2	1	3	..	..	1	11
24	Guava	3	1	..	1	..	2	..	3	..	..	4	14
25	Fig .. ..	..	..	1	..	..	..	..	..	..	..	..	1
26	Date Palm	205	16	1	50	..	44	2	1	..	..	..	319
27	Grape .. ..	..	..	..	..	..	1	..	..	..	..	1	2
28	Others	27	7	1	3	..	6	4	7	3	..	1	59
	Total	1,309	116	35	160	11	1,082	132	76	4	..	25	9,250
	Total, Orchard and Garden Produce.	2,516	987	1,021	499	287	2,289	491	652	190	132	709	9,773

Table XVII—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Sukkur District in 1924-25

No.	Crop	Sukkur	Garhi Yasin	Shikarpur	Pano Akli	Ghotki	Ubauro	Mirpur Mathelo	Rohri	Total, Sukkur District
	<i>A—Vegetables (Roots and Tubers)</i>	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1	Potato	843	32	324	8	1	5	..	349	1,562
2	Sweet Potato .. .. .	..	..	..	..	..	..	..	..	..
3	Onion	294	593	144	70	79	21	18	421	1,640
4	Carrot	47	15	15	5	25	7	5	4	123
5	Radish	5	2	4	1	1	1	2	..	16
6	Others	45	31	44	102	150	32	57	14	475
	Total ..	1,234	673	531	186	256	66	82	788	3,816
	<i>B—Vegetables (Green)</i>									
7	Cabbage	10	..	16	..	..	..	..	..	26
8	Brinjal	19	14	19	2	10	3	1	2	70
9	Tomato .. .. .	..	..	..	..	..	..	..	..	..
10	Fenugreek	1	36	32	3	..	1	2	..	75
11	Edible Hibiscus	18	2	6	1	4	1	1	5	38
12	Musk Melon	357	418	454	82	130	35	40	140	1,656
13	Water Melon	408	673	1,169	5	2	3	1	12	2,273
14	Others	207	104	169	9	9	19	12	39	568
	Total ..	1,020	1,247	1,865	102	155	62	57	198	4,706

		<i>C—Green Fodder</i>													
15	Lucerne .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	Hot Weather Jowar .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Field Vetch .. .. .	..	..	..	..	6	..	..	..	..	..	25	..	..	29
18	Others .. .. .	..	..	..	..	2	555	378	209	10	32	52	815	..	1,558
	Total ..					8	555	378	209	10	32	75	815		1,582
		<i>D—Fruit Trees</i>													
19	Plantain .. .. .	..	..	..	..	8	1	60	..	2	..	..	13	..	84
20	Mango .. .. .	..	..	..	..	148	58	347	39	62	3	4	816	..	974
21	Lime .. .. .	..	..	..	..	31	11	82	18	13	1	2	19	..	172
22	Sweet Lime .. .. .	..	..	..	..	5	2	53	2	1	1	1	2	..	67
23	Orange .. .. .	..	..	..	..	3	..	4	..	..	..	..	2	..	9
24	Citron .. .. .	..	..	..	..	1	..	2	..	..	..	..	..	..	3
25	Pomegranate .. .. .	..	..	..	..	36	5	145	2	2	3	1	40	..	234
26	Guava .. .. .	..	..	..	..	2	1	46	1	2	..	..	6	..	58
27	Fig .. .. .	..	..	..	..	..	..	6	..	..	..	..	..	..	6
28	Date Palm .. .. .	..	..	..	..	329	15	236	32	35	3	1	1,523	..	3,279
29	Grape .. .. .	..	..	..	..	6	..	36	..	..	..	..	..	..	43
30	Others .. .. .	..	..	..	..	65	17	316	9	3	..	..	96	..	506
	Total ..					634	105	1,383	148	170	11	9	2,024		4,434
	Total, Orchard and Garden Produce ..					2,896	2,580	4,107	645	591	171	223	3,325		14,536

Table XVIII—Area under Vegetables, Green Fodder and Fruits in each Taluka of the Upper Sind Frontier District in 1924-25

No.	Crop	Jacoba- bad	Shah- dadkot	Thul	Khand- kot	Kash- mor	Total, Upper Sind Frontier District
		Acres	Acres	Acres	Acres	Acres	Acres
<i>A—Vegetables (Roots and Tubers)</i>							
1	Potato	6	4	2	..	..	12
2	Onion	13	5	80	28	11	137
3	Carrot	26	9	19	8	10	72
4	Radish	15	5	2	6	3	31
5	Others	21	14	19	7	5	66
	Total ..	81	38	122	58	29	318
<i>B—Vegetables (Green)</i>							
6	Cabbage	10	1	2	1	1	15
7	Brinjal	4	2	2	..	..	8
8	Fenugreek	5	3	..	..	..	8
9	Edible Hibiscus	6	..	1	..	..	7
10	Musk Melon	427	199	183	199	29	1,037
11	Water Melon	441	137	478	176	8	1,240
12	Others	97	76	13	1	2	180
	Total ..	990	418	679	377	40	2,504
<i>C—Green Fodder</i>							
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17	Mango	38	5	22	4	4	73
18	Lime	5	2	7	1	..	15
19	Sweet Lime	1	1	1	1	..	4
20	Orange	1	1	2
21	Citron
22	Fig .. ..	..	..	..	..	..	..
23	Pomegranate	6	1	1	1	1	10
24	Guava	1	..	..	..	..	1
25	Date Palm	6	..	1	..	..	7
26	Grape .. ..	..	..	1	..	..	1
27	Others	4	1	6	2	1	14
	Total ..	62	12	42	10	7	133
	Total, Orchard and Garden Produce	1,227	492	1,142	518	98	3,472

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Explanatory Note.—The index differs from other similar attempts in giving more detailed information than a mere alphabetical arrangement of the names of the crops or other items touched in the Bulletin. For instance, a reference to the general head, "Vegetables" in the index will give a complete list (alphabetically arranged) of all the vegetables treated in the Bulletin while a further reference to individual heads such as "Potato" or "Celery" will indicate the details to be found under these vegetables. Thus, a reference to "Potato" will show that information under fourteen different heads such as area, manure, seed, soil, etc., will be found under that vegetable while a reference to "Celery" will show that nothing beyond an indication of the centres of cultivation will be found under that crop. By previous reference to the index the reader will thus be in a better position to know what he may expect to find under the different heads.

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