The annual production of cotton is shown in the following table.

emption timeds sites tento	distribution	Kilograms.	Value.
Lower California		110,057	\$ 8,369
Chiapas		680,672	50,111
Chihuahua		1.702,918	128,960
Coahuila		9.607,677	2.710,000
Colima		16,224	1,058
Durango		7.975,256	1.337,126
Guerrero		1.679,905	136,500
Hidalgo		2,819	675
Jalisco		72,556	20,975
Michoacan		134,623	12,350
Nuevo Leon		78,530	12,322
Oaxaca		881,010	109,447
Puebla		18,732	2,496
San Luis Potosi		5,178	1,725
Sinaloa		596,251	69,320
Sonora		456,862	173,400
Tamaulipas		2,031	200
Tepic		368,198	32,000
Veracruz		3.062,375	275,497
	Total	27.451,874	\$ 5.082,531

Cocoa [Theobroma cacao] a very superior kind of this is cultivated in the hot and humid parts of our sea-board, that from Tabasco and from the district of Soconusco in the State of Chiapas being of the very best class, and considered very superior to all that is cultivated in other countries.

The annual production of this useful plant is as follows:

Charles and a second of the se	Kilograms.	Value.
Chiapas	411,451	\$ 342,426
Colima	856	800
Guerrero	1,427	1,152
Carried forward	413,734	344,378

the is connected the feeds of daily	Kilograms.	Value.
Brought forward	413,734	344,378
Michoacan	2,803	3,790
Oaxaca	2,950	2,663
Tabasco	574,470	454,518
Veracruz	5,377	5,079
Total	1.099,334	\$ 810,428

Indigo [Indigofera] is cultivated in Chiapas, Oaxaca, Guerrero, Michoacan, Colima and Jalisco, and although the eastern coast in perfectly adapted to the cultivation of this plant, and it is found there growing wild, the plantations of this useful article are limited to the coasts of the Pacific. This is an annual plant and during its life is cut two or three times; it does not require any great expenditure either of money or of labor for the extraction of the coloring matter.

Of the different classes of indigo which are known, that from San Salvador is the most highly valued, and after that, those of the Republics of Guatemala and Mexico. The annual production of this country is shown in the following table.

	Kilograms.	Value.
Chiapas	199,229	\$ 209,740
Colima	9,430	20,500
Guerrero	2,877	3,500
Jalisco	17,073	24,100
Michoacan	11,851	27,600
Oaxaca	36,935	47,320
Total	277,395	\$ 332,760

The hot country produces many other useful plants, amongst which may be cited the zarzaparrilla [Smilax medica] which is abundantly propagated; Tabasco pepper [Eugenia pimenta], manioc [Iatropha manihot], which produces starch, the mafafa, [Xanthosoma robustum], with a tuberculous root and the ma-

ranta arundinaca, from which is extracted the fecula of arrow root.

A very great number of plants are produced in the hot country which are useful both in medicine and in the industries, as well as many kinds of lichens which are useful for dyeing purposes, one of then being the *orchilla*, found in lower California which to-day forms an important article of exportation.

The zone which extends between the elevations of 1,000 and 1,600 metres, more or less, is that in which nature shows herself in her true richness and prodigality, having not only the vegetation that belongs to its own altitude, but a great deal that belongs to the Torrid Zone and the cold Zone. On the upper part of this zone we find large forests of oak, adorning the hills with their many colored leaves, whilst in the valleys we find thickes of myrtle, laurel, euforbiaceas, and kindred plants in rich variety. The valleys are full of forests of the beautiful liquid ambar [Liquid ambar styraciflua], which elevate their handsome tops, and give shelter to numerous flocks of birds, amongst them the clarin de la selva with its enchanting trumpet like note.

Like the hot region, this Temperate Zone produces many trees which are highly esteemed both for their fruits and precious woods, whilst the trunks and branches are covered with vines and creepers from which hang beautiful flowers and the orchids which grow in every little hole in the bark display their handsome colors and increase the beauty of the scene.

When this zone extends itself in to the heart of the mountains, its beauties are further increased by the water-falls that are so frequently found in the streams, giving the landscape a peculiar beauty which disapears at a greater altitude when it begins to be covered by the resinous plants.

The undulating crests of the high mountains are covered by conniferous trees, and the same may be said of the edge of the great Central Table-land, which is situated at an altitude of about 1,600 metres. The plains over this table-land which are

partly broken up by the ranges which radiate from the great Sierras, are covered with rich crops of wheat, barley, or corn during the Summer months, and especially is this the case in those spots where the agriculturist finds natural irrigation which enables him to cultivate all the year around. These lands are known as "irrigable lands" in contra-distinction to the dry spots which are known as season lands.

The great elevation of the Central Table-land, and the formation of its ranges with their perpendicular slopes, often covered with rocks of a volcanic formation which favor the filtration of the water, are the reasons why the interior of the country has comparatively few streams which can be utilized in agriculture, and especially is this so in the Northern regions of the country, where the traveller only finds a few brooks or water-holes here and there leaving the rest a desert.

The presence of the resinous plants indicates the complete transition from the Temperate to the cold zone. From an elevation of 2,700 to 3,000 metres, we find a rich and endlses variety of conifera; but above that limit the vegetation begins to show a want of vigor until it completely disappears at an elevation of 3,980 metres, giving place to a short grass that in its turn disappears entirely at 4,180 metres.

Beautiful forests are formed of the ahuehuetes [Taxodium distichum], the pitch-pine [Pinus communis], the white cedar [Eupressus Lindley], the oyametl [Pinus religiosa], the mountain cedar [Chamoecypares thurifera]: giving to the mountains by their orderly distribution, particularly of the oyameles, a picturesque conical form, which is peculiar to the cold region.

Some mountains are found to be covered by dwarf oaks, and mimosas, whilst on the plains one of the principal trees is the Perú [Schinus molle], tejocote [Cratoejus mexicanus], agaves and cacti which grow in many parts of the Republic, and some of which can be said to form forests on the mountain side, such as the prickly-pear [Cactus opuntia], or scattered on other slopes, such as the small and large biznaga [Mamillaria mani-

mama and parvimama], or else forming fences in the villages like the organ, [Cactus exagonus] and the pitahaya [Cereus pitahaya], whilst the garden fences and walls are covered with the dwarf prickly pears [Cereus phillantus], with magnificent red or white flowers, the magueys [Agaves], are found in all parts, either forming fences on the roadside, or planted in regular lines, and giving to the country a monotonous aspect which is in great contrast with the cultivated fields, the alfalfa plantations and the other crops that are found in the neighborhood of the villages.

The fields and lands in the neighborhood of different villages, particularly in the valley of Mexico, are ornamented with groups of handsome trees, at times in groves, and at others standing isolated on the plain amongst, which we find, the corpulent cedar, the willows, and the shady ash trees [Fraxinus excelsior], whilst in the gardens and orchards a large variety of fruit trees are cultivated, such as pears [Pyrus communis], peaches [Persea vulgaris], apricots, [Prunnus armeniaca], wild cherries [Cerasus capollin], alligator pears [Persea gratissima], apples [Pyrus malus], small apples [Pyrus malus? var.], figs [Ficus carrica], walnuts [Juglans mucronata granatenis and regia], white zapote [Casimiroa edulis] pomegranates [Punica granatum], cherries [Cerasus vulgaris], quinces [Cydonia vulgaris], and many others too numerous to mention.

All kinds of table vegetables are also produced in great abundance and variety.

1. The most handsome exemples of cedars are found in the park at Chapultepec, and in other places of the valley of Mexico, in Atlixco, (Puebla), and in Santa María del Tule (Oaxaca), is found the most corpulent tree known of this class. This cedar, a real giant in vegetation, measures at about one metre above the ground, 51.88 M. in circumfereence, with a total elevation of 38.68 metres. In order to give an idea of the enormous volume of the trunk and of its foliage, it is enough to say that ten persons can easily stand together in one of the

hollows of the first, and that the second, has the appearance of a large and dense forest. The most beautiful flowers, with a rich and extensive variety, are cultivated in the gardens that are found in almost all the towns and country houses, being one of the principal ornaments of the dwellings. The number of these flowers that grow wild in the fields and mountains is infinite, so much so, that in certain seasons of the year, they appear to be covered not with weeds and pasture, but with a variegated and many colored carpet, the highest parts being covered with the modest and fragrant flower of St. John [Bouvardia longiflora], with the precious and not less fragrant tuber rose [Polyhantes tuberosa[, and with the rose colored and graceful angel's wing, or Begonia discolor.

Maize [Zea maiz] is the most prolific plant grown in Mexico, and its cultivation is extended over the whole territory without any distinction of zones, but it is more prolific in the hot country where it gives a return of 250 or 300 for one, and in some districts even as much as 500 or 800 for one, these being districts in which three crops are taken per annum. The excesive heat of this section and the insects which attack the grain do not permit, as in the colder districts, the storing of this crop for any length of time. In the intermediate zones the crops will give from 175 to 200 for one, and in the cold regions the general return is 100 to 120 for one. We thus find that the production of this grain varies according to the temperature, humidity and heat of the district, as well as the care used in its cultivation, the latter condition having also a good deal to do with the different varieties that are developed.

Corn constitutes the principal article of food of the lower clases of the people, and of the larger part of the domestic animals.

According to the latest data, received in the department of Fomento, the annual production of corn is as follows:

A STATE OF THE PARTY OF THE PAR	Hectolitres.	Value.
Aguascalientes	627,530	1.087,750
Lower California	11,049	30,360
Campeche	147,032	305,910
Chiapas	1.249,995	1.327,770
Chihuahua	587,236	1.201,605
Coahuila	607,460	1.410,000
Colima	870,364	926,093
Distrito Federal	329,913	915,365
Durango	956,853	2.042,937
Guanajuato	3.595,389	5.194,229
Guerrero	589,989	998,664
Hidalgo	739,719	1.688,332
Jalisco	3.275,148	4.383,964
México	1.673,330	3.625,406
Michoacan	1.550,192	2.416,086
Morelos	262,099	492,571
Nuevo Leon	447,063	752,235
Oaxaca	2.548,091	4.441,645
Puebla	1.612,287	3.222,215
Querétaro	519,349	1.054,905
San Luis Potosi	1.315,550	1.751,901
Sinaloa	326,618	848,314
Sonora	204,368	523,875
Tabasco	227,126	359,455
Tamaulipas	252,675	661,870
Tepic	361,034	521,710
Tlaxcala	200,617	407,358
Veracruz	918,106	2.246,506
Yucatan	706,223	1,422,296
Zacatecas	962,832	1.618,500
	27,774,237	\$ 47.879,827

Wheat is produced in the cold regions, and of an excellent class in the valleys of Mexico and Toluca, in those of Atlixco and San Martin of the State of Puebla, in the low lands of the State of Guanajuato, in Querétaro, Michoacan, Coahuila and

Sonora. The returns of wheat average from 22 to 25 for one, but on fertile lands, and where well cultivated it reaches a return of 30 to 40 for one, whilst in the valley of Atlixco, and the fertile lowlands of Guanajuato, and others that we have mentioned the average often runs up to as high as 70 to 80. The Mexican flour is white and nutritious, and makes a very good class of bread.

The anual production of wheat is as follows:

	Hectolitres.	Value.
Aguascalientes	36,234	157,650
Lower California	8,337	40,220
Chiapas	18,703	89,310
Chihuahua	380,089	1.066,710
Coahuila	392,367	1.143,750
Distrito Federal	3,832	20,020
Durango	78,226	272,916
Guanajuato	499,904	1.954,832
Guerrero	55	270
Hidalgo	29,559	123,740
Jalisco'	142,320	596,498
México	329,783	1.403,473
Michoacan	288,465	1.031,269
Morelos	1,853	8,160
Nuevo Leon	28,626	76,240
Oaxaca	200,278	804,791
Puebla	265,921	1.359,598
Querétaro	114,140	508,128
San Luis Potosi	111,911	431,857
Sinaloa	2,813	9,310
Sonora	381,720	1.001,250
Tamaulipas	36	160
Tepic	781	3,660
Tlaxcala	63,047	367,049
Veracruz	4,540	17,500
Zacatecas	46,764	169,622
	3.430,304	\$ 12.657,983

Beans [Phaseolus vulgaris]. This leguminous seed is an inseparable companion of maize, and like the latter is produced in all the climates; it constitutes a very large part of the food of the poorer classes, and is a favorite dish with the richer. The are many varieties of this plant, but the principal are known under the names of Parraleño, Bayo, Ayacote, small white and black.

The annual production is as follows:

	Hectolitres.	Value.
Aguascalientes	53,165	\$ 239,630
Lower California	1,445	11,440
Campeche	1,453	6,500
Chiapas	33,702	178,860
Chihuahua	83,969	390,025
Coahuila	38,594	166,500
Colima	8,326	26,341
Distrito Federal	9,982	30,791
Durango	33,951	136,765
Guanajuato	122,412	284,863
Guerrero	7,648	45,508
Hidalgo	35,317	159,232
Jalisco	81,719	291,106
México	28,534	177,376
Michoacan	29,453	115,163
Morelos	7,243	 40,128
Nuevo Leon	4,022	17,218
Oaxaca	36,009	207,102
Puebla	74,394	375,225
Querétaro	64,849	183,303
San Luis Potosi	21,822	 81,890
Sinaloa	18,984	86,580
Sonora	34,925	213,575
Tabasco	6,821	53,145
Tamaulipas	5,783	27,494
Tepic	8,447	 37,750
Carried forward	852,969	\$ 3.583,510

	Hectoltires.	Value.
Brought forward	852.969	\$ 3.583,610
Tlaxcala	4,817	25,756
Veracruz	38,772	246,415
Yucatan	16,054	54,348
Zacatecas	42,448	159,278
179.2	955,060	\$ 4.069,307

Barley [Hordeum vulgaris], will grow even to the considerable altitude of 10,000 feet, where maize will not give any seed. Barley is cultivated in almost the entire Republic and more especially in the vicinity of the large towns, and of the principal high roads. Its product varies from 40 as high as 70 to one. Both the seed and the straw are largely used as food for horses, mules and other animals.

The following table shows the annual production.

	omiterijo pelegotion	Hectolitres.	Value.
Aguascalientes		10,575	\$ 11,600
	ia	4,550	7,575
Chiapas		1,862	7,667
Chihuahua		10,889	20,001
Coahuila		161,630	375,000
Distrito Federa	al	29,460	51,070
Durango	•	3,105	8,495
Guanajuato		147,063	152,524
Guerrero		273	300
Hidalgo		358,596	523,208
Jalisco		29,403	34,127
México		448,037	834,865
Michoacan		57,511	76,593
Morelos		445	737
Nuevo Leon		6,020	11,548
Oaxaca		117,782	95,754
Puebla		429,949	667,795
Querétaro		43,170	60,039
	Carried forward	1.860,320	\$ 2.938,898

	Hectolitres.	Value.
Brought forward	1.860,320	\$ 2.938,898
San Luis Potosi	21,121	31,734
Sinaloa	908	3,000
Sonora	5,389	11,192
Tamaulipas	726	1,600
Tepic	831	1,975
Tlaxcala	155,828	218,585
Veracruz	57,787	72,354
Zacatecas	28,894	52,483
AND THE LONG THE PRINT OF THE P	2.131,714	\$ 3.331,822

Chick peas [Cicer arietinum]. This plant is principally cultivated in places which have been inundated by the overflow of the rivers or lakes. Its cultivation is most advantageously carried on during winter, because after the crop is taken off the ground is easilly prepared for the cultivation of corn. There are two classes of this seed, both of good quality and largely consumed by the people of the middle class, whilst the smaller class is what is mostly consumed by the poor people, and in the fattening of hogs.

The annual production is as follows:

	Hectolitres.	Value.
Lower California	162	\$ 1,172
Chiapas	492	4,752
Chihuahua	5,950	18,881
Coahuila	8,627	32,500
Durango	1,150	5,052
Guanajuato	85,827	218,264
Guerrero	2,822	11,918
Hidalgo	336	990
Jaliseo	30,110	66,383
México	54	210
Michoacan	71,939	147,858
Carried forward	207,469	\$ 507.980

Hectolitres.	Value.
207,469	\$ 507,980
545	5,400
589	2,650
2,414	8,876
349	1,526
15,937	52,365
2,050	3,878
2,741	10,088
7,420	40,700
395	2,223
545	1,650
222	960
238,676	\$ 636,296
	207,469 545 589 2,414 349 15,937 2,050 2,741 7,420 395 545 222

Peas [Pisum sativum]. This is very largely cultivated and is consumed both dry and green. In many places, and principally in the low lands of Guanajuato it is used for the fattening of hogs.

The annual production is as follows:

127	Hectolitres	Valne.
Lower California	581	\$ 3,920
Chihuahua	9,612	52,038
Distrito Federal	2,001	7,955
Durango	23	150
Guanajuato	3,291	15,636
Hidalgo	15,143	44,842
Jalisco	280	1,115
México	13,006	39,198
Michoacan	912	2,819
Morelos	91	300
Nuevo Leon	9	15
Oaxaca	2,851	5,092
Puebla	11,541	41,099
Querétaro	27	120
Carried forward	59,368	\$ 214,299

		Hectolitres.	⊲alue.
	Brought forward	59,368	\$ 214,299
Sonora	832	3,710	
		2,185	3,944
		1,891	8,461
Option of the later of the late	64,276	\$ 230,414	

Lentils [Ervum lens]. The consumption of this seed is not on such a large scale as that of the others we have mentioned and therefore its cultivation is relatively smaller, as may be seen from the following table of annual production.

The state of the s	Hectolitres.	Value.
Aguascalientes	45	\$ 200
Lower California	36	140
Chiapas	91	150
Chihuahua	2,730	6,208
Durango	1,022	3,656
Guanajuato	1,108	4,620
Hidalgo	116	760
Jalisco	109	180
México	732	3,010
Michoacan	572	935
Nuevo Leon	5	25
Oaxaca	27	105
Puebla	256	1,029
Querétaro	1,480	4,890
Sonora	480	2,450
Tlaxcala	936	2,090
Zacatecas	196	735
THE SECOND	9,941	\$ 31,183

Lima beans [Vicia faba]. This important crop is produced in almost all the States of the Republic, and particularly in the sandy plains of the cold region. It is served on the table in the shape of puré, and is also employed as forrage for horses and hogs. Its annual production it as follows:

100		
	Hectolitres.	Value.
Aguascalientes	46	\$ 100
Lower California	18	60
Chiapas	647	2,818
Chihuahua	3,166	8,636
Distrito Federal	4,236	12,945
Durango	2,468	8,454
Guanajuato	10,235	17,580
Hidalgo	11,834	25,534
Jalisco	163	300
México	26,752	69,764
Michoacan	13,945	17,178
Morelos	301	564
Nuevo Leon	22	54
Oaxaca	3,163	5,746
Puebla	63,671	133,464
Querétaro	227	625
San Luis Potosi	249	765
Sonora	212	692
Tlaxcala	41,285	55,331
Veracruz	1,772	3,216
Zacatecas	490	1,335
Line with a section and all results	184,902	\$ 365,161

Sesame seed [Sesamum indico]. This is one of the principal oil producing plants, among those which are cultivated in the Republic. It produces as high as 50 per cent of oil, which is used as medicine as well as for lighting and in the manufacture of soap. The seed, either raw or toasted, is used as a condiment for certain stews and preserves.

The following table shows the annual production.

Allegation in the Application of the Control of the	Kilograms.	Value.
Chiapas	7,019	\$ 915
Colima	51,150	200
Guerrero	818,091	35,855
Carried forward	876,260	\$ 36,970