

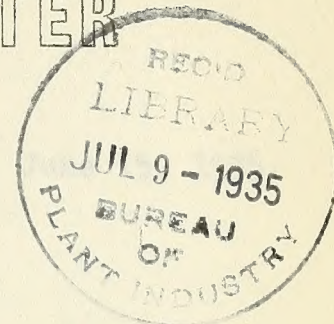
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# THE PLANT DISEASE REPORTER



Plant Disease Reporter  
Supplement 87

Issued By

Division of Mycology and Disease Survey

These articles... 1932, and 1933 have been compiled and are presented in the same way as in previous years (see Plant Dis. Reptr., Suppl. 8, 13).

The figures included in these summaries are, in most cases, based on observations only, and are not the results of actual counting they should be thought of, therefore, as indicating probable losses. In the few cases, however, where it has been possible to measure losses by means of field figures, these figures have been included.

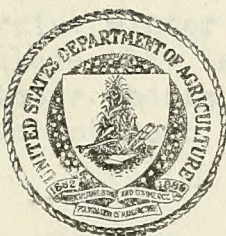
Supplement 87

Crop Losses from Plant Diseases in the United States

1931, 1932, and 1933

In general, it is pointed out that the estimates are based on observations only, and are not the results of actual counting they should be thought of, therefore, as indicating probable losses. In the few cases, however, where it has been possible to measure losses by means of field figures, these figures have been included.

June 15, 1935



BUREAU OF PLANT INDUSTRY

UNITED STATES DEPARTMENT OF AGRICULTURE

Wheat  
Barley  
Rye  
Oats  
Corn  
Sorghum  
Soybeans  
Cotton  
Tobacco  
Fruit  
Vegetables  
Horticulture

1935  
1934  
1933  
1932  
1931  
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ESTIMATES OF CROP LOSSES FROM DISEASES IN THE  
UNITED STATES - 1931, 1932, and 1933

Compiled by

Jessie I. Wood

Plant Disease Reporter  
Supplement 87

June 15, 1935.

FOREWORD

These estimates of crop losses for the years 1931, 1932, and 1933 have been computed and are presented in the same way as in previous years (see Plant Dis. Repr. Suppl. 83, 1932).

The figures included in these summaries are, in most cases, based on observation only, and are not the results of actual counts; they should be thought of, therefore, as indicating probable losses. In the few cases, however, where it has been possible to compare these estimates with figures from wholly independent sources, they have appeared to be highly significant (Stevens, Neil E. Some significant estimates of losses from plant diseases in the United States. *Phytopath.* 23:975-984. 1933; and Stevens, Neil E., and Jessie I. Wood. Losses from corn ear rots in the United States. *Phytopath.* 25: 281-283. Feb. 1935).

In general, it is probable that the estimates are too low. This has been proved to be decidedly so in the case of wheat leaf rust. Caldwell et al. have investigated the "Effect of leaf rust (*Puccinia triticina*) on yield, physical characters, and composition of winter wheats" (Caldwell, R. M., H. R. Kraybill, J. T. Sullivan, and Leroy E. Compton, *Jour. Agr. Res.* 48: 1049-1071. Abst. in *Phytopath.* 22: 5. 1932). They found that there was a marked reduction in yield of heavily rusted plots of susceptible varieties from that of control plots (sulfur-dusted). About three-fourths of the loss was due to the reduction in number of kernels per head, the remainder to reduction in weight of the kernels. Most of the commercial winter wheat varieties, they say, are very susceptible. They conclude that leaf rust is a very important factor affecting the yield of winter wheats in the United States. The results of studies like this have not been reflected adequately in these estimates.

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1931 - Wheat (continued)

Production:		Estimated reduction in yield of wheat due to diseases													
State	Bushels	Scab	Leaf Rust	Stem Rust	Stinking Smut	Loose Smut	Foot Rots	All Diseases	%	:Bushels:	%	:Bushels:	%	:Bushels:	
		: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :							
		:Bushels:	:Bushels:	:Bushels:	:Bushels:	:Bushels:	:Bushels:	:Bushels:	%	%	%	%	%	%	
Ala.	50:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ark.	475:	0	t	t	t	t	t	t	-	t	t	t	t	15	
Okla.	74,919:	-	3,964:	-	-	-	-	-	-	-	0.5:	396:	5.5:	4,360	
Tex.	57,433:	1:	618:	2:	1,236:	1:	618:	2:	1,236:	-	-	-	7.1:	4,388	
Mont.	14,684:	0	t	0	0	5	808	0.5	81	3.6	582	9.1	1,471		
Idaho	19,641:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wyo.	2,146:	-	-	t	-	-	-	-	-	-	-	-	-	-	
Colo.	16,552:	-	0	t	t	t	-	t	-	5	871	5	871		
N. Mex.	5,112:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ariz.	672:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Utah	4,679:	-	-	-	-	1	47	-	-	-	-	-	1	47	
Nev.	319:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wash.	40,843:	-	-	-	-	3	1,263	-	-	-	-	-	3	1,263	
Oreg.	17,662:	-	930:	-	-	-	-	-	-	-	-	-	5	930	
Calif.	6,475:	-	341:	-	-	-	-	-	-	-	-	-	5	341	
U. S.	892,271:	0.2:	2,085:	2.9:	26,600:	0.6:	5,127:	1.4:	12,749:	0.4:	3,544:	1.5:	14,226:	7.2:	66,091

1932 - WHEAT

Estimated reduction in yield of wheat due to diseases, 1932

:Production:		Estimated reduction in yield of wheat due to diseases											
: 1,000	:	: Leaf Rust	: Stem Rust	: Smut	: Stinking	: Loose Smut	: Foot Rots	: All Diseases	:	:	:	:	:
: Bushels	:	: %	: %	: %	: %	: %	: %	: %	:	:	:	:	:
:	:	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	:	:	:	:	:
:	:	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	:	:	:	:	:
:	:	: %	: %	: %	: %	: %	: %	: %	:	:	:	:	:
:	:	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	:	:	:	:	:
:	:	: %	: %	: %	: %	: %	: %	: %	:	:	:	:	:
Me.	65	-	-	-	-	-	-	-	-	-	-	-	-
N. Y.	4,086	0	84	t	-	42	t	-	-	-	-	3	126
N. J.	1,008	-	-	-	-	-	-	-	-	-	-	-	-
Pa.	13,465	t	4,987	t	3	698	t	-	-	-	-	32.5	6,482
Ohio	32,456	t	169	t	1.5	339	0.1	34	4.2	1,423	-	4.2	1,423
Ind.	23,502	-	2,611	t	-	-	-	-	-	-	-	10	2,611
Ill.	24,978	t	2,819	t	0.5	254	0	0	11.4	3,214	-	11.4	3,214
Mich.	16,771	t	92	0.3	5	555	t	-	9.3	1,719	-	9.3	1,719
Wis.	2,109	0.1	2	0	1	22	t	-	2.2	48	-	2.2	48
Minn.	20,839	t	220	1.5	0.8	176	1	220	5.3	1,166	-	5.3	1,166
Iowa	4,350	1.5	9	t	0.2	9	1	45	2.9	130	-	2.9	130
Mo.	15,733	-	-	-	-	-	-	-	-	-	-	-	-
N. Dak.	110,396	t	-	2	3	594	0.5	594	7	8,310	-	7	8,310
S. Dak.	53,468	-	-	t	2	-	-	-	2	1,091	-	2	1,091
Nebr.	27,958	-	-	0.8	1.5	429	-	-	2.3	658	-	2.3	658
Kans.	120,178	0	1,981	0.5	2	660	4.5	660	9	11,885	-	9	11,885
Del.	908	-	-	-	-	-	-	-	-	-	-	-	-
Md.	4,940	1.5	165	0	3	165	1	55	10	549	-	10	549
Va.	6,253	0.5	275	1	2.5	69	1	69	9	619	-	9	619
W. Va.	1,276	t	184	t	1.5	28	5	92	30.5	561	-	30.5	561
N. C.	3,572	1	38	0	1	38	1	38	7	267	-	7	267
S. C.	760	-	87	2	t	17	1	9	13	113	-	13	113
Ga.	703	-	78	t	-	-	-	-	10	78	-	10	78
Ky.	2,835	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	2,584	-	136	-	-	-	-	-	5	136	-	5	136
Ala.	60	-	-	-	-	-	-	-	-	-	-	-	-



1932 - Wheat (continued)

State	Estimated reduction in yield of wheat due to diseases														
	Production: : 1,000 Bushels	Scab : 1,000 Bushels	Leaf Rust : 1,000 Bushels	Stem Rust : 1,000 Bushels	Stinking Smut : 1,000 Bushels	Loose Smut : 1,000 Bushels	Foot Rots : 1,000 Bushels	All Diseases : 1,000 Bushels	%	%	%	%	%		
Ark.	248	-	29	t	t	t	-	t	-	t	-	-	15.	44	
Okla.	43,626	-	900	-	-	-	-	-	-	-	1.	450	3.	1,350	
Tex.	28,293	0.1	315	2.	629	1.	157	315	2.	315	2.	629	10.1	3,178	
Mont.	55,610	0	58	t	-	0.3	582	175	3.	175	3.	1,745	4.4	2,560	
Idaho	30,656	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wyo.	3,102	-	-	0	-	-	-	-	-	-	-	-	-	-	
Colo.	7,135	-	-	t	-	t	-	-	t	-	-	-	t	-	
N. Mex.	2,027	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ariz.	798	-	-	-	-	-	-	-	-	-	-	-	-	-	
Utah	5,332	-	-	-	-	2.	109	-	-	-	-	-	2.	109	
Nev.	461	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wash.	40,348	0	-	t	-	3.	1,261	t	-	-	t	-	4.	1,681	
Oreg.	20,060	-	409	-	-	-	-	-	-	-	-	-	2.	409	
Calif.	11,126	-	112	-	-	1.	-	-	-	-	-	-	1.	112	
U. S.	744,076	t	593	2.1	15,760	0.6	4,363	1.7	12,613	0.6	4,182	1.3	9,745	6.9	50,629

1933 - WHEAT

Estimated reduction in yield of wheat due to diseases, 1933

State	Estimated reduction in yield of wheat due to diseases																					
	Production: 1,000 Bushels	Scab % : 1,000 Bushels	Leaf Rust % : 1,000 Bushels	Stem Rust % : 1,000 Bushels	Stinking % : 1,000 Bushels	Smut % : 1,000 Bushels	Loose Smut % : 1,000 Bushels	Foot Rots % : 1,000 Bushels	All Diseases % : 1,000 Bushels													
Me.	120	-	t	t	t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N. Y.	4,512	-	-	-	-	-	-	-	-	46	-	-	-	-	1	-	-	-	-	-	-	46
N. J.	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pa.	15,783	1	9	9	1.5	1,765	294	4	784	t	t	t	t	19.5	3,823							
Ohio	34,812	0.5	0.5	t	2	181	725	1	363	t	t	t	t	4	1,450							
Ind.	22,484	t	5	0	-	1,190	-	0.5	119	-	-	-	-	5.5	1,309							
Ill.	27,418	0.2	5	0	t	1,480	0	1.2	355	t	t	t	t	7.4	2,190							
Mich.	13,457	t	t	t	3	-	434	3	434	0.5	72	7	7	7	1,012							
Wis.	1,616	t	t	0	t	-	-	t	-	t	-	-	-	t	-							
Minn.	16,665	0	t	t	0.5	t	85	1	169	-	-	-	-	1.5	254							
Iowa	4,159	t	t	0	0.2	-	8	1	42	-	-	-	-	1.3	54							
Mo.	16,639	1.5	0.4	75	0.2	282	38	2	376	2.5	471	11.6	2,183									
N. D.	65,386	t	t	-	0	-	1,361	0.4	272	0.5	340	3.9	2,653									
S. D.	5,120	-	-	0	-	-	0	-	-	-	-	-	-	-	-							
Nebr.	29,206	-	t	-	2	-	596	-	-	-	-	-	596	2	596							
Kans.	57,504	0	t	-	1	-	593	0.1	593	2	1,187	3.1	1,839									
Del.	1,078	-	0.5	5	0.5	-	5	t	5	-	-	-	10									
Md.	6,320	1.5	4	294	0	2	147	1.5	110	-	-	-	1,028									
Va.	7,425	0.7	4.5	372	1	83	248	1	83	-	-	-	844									
W. Va.	1,798	0.5	5.0	100	1	20	20	1.5	30	-	-	-	200									
N. C.	3,714	1	t	-	2	41	82	1	41	2	82	9	368									
S. C.	592	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Ga.	536	-	10	60	-	-	-	-	-	-	-	-	60	10	60							
Ky.	3,240	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Tenn.	2,774	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

1933 - Wheat (continued)

:Production:														
State	1,000 Bushels	Scab	Leaf Rust	Stem Rust	Stinking Smut	Loose Smut	Foot Rot	All Diseases	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Ala.	34	-	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	216	-	5	12	t	-	t	-	-	-	-	-	-	24
Okla.	33,095	-	-	-	-	-	-	-	-	0.5	156	0.5	166	166
Tex.	13,022	0.5	72	239	2	289	1	289	1	145	145	10	1,446	1,446
Mont.	27,194	0	0	0	0	0	4	142	142	1,139	-	4.5	1,231	1,231
Idaho	15,365	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	2,138	-	-	-	0	0	-	-	-	-	-	-	-	-
Colo.	5,912	-	0	0	0	0	0	0	0	0	-	-	-	-
N. Mex.	1,485	-	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	1,288	-	-	-	-	-	-	-	-	-	-	-	-	-
Utah	4,079	-	-	-	-	-	1	41	-	-	-	-	-	41
Nev.	378	-	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	46,249	0	0	0	t	-	5	2,434	t	2,434	t	5	2,434	2,434
Oreg.	17,492	-	t	0	0	0	2	367	t	-	1.7	312	863	863
Calif.	12,118	-	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	527,413	0.2	1,009	5,823	0.1	372	1.8	8,762	0.7	3,714	0.6	2,775	26,174	26,174

1931 - BARLEY

Estimated reduction in yield of barley due to diseases, 1931

: Production:		Estimated reduction in yield of barley due to diseases											
State	Production	Stripe	Loose Smut	Covered Smut	Leaf Rust	Stem Rust	All Diseases	Stripe	Loose Smut	Covered Smut	Leaf Rust	Stem Rust	All Diseases
	: Bushels	: %	: %	: %	: %	: %	: %	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels
		: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels	: Bushels
		: %	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %
Maine	87	-	-	-	-	-	-	-	-	-	-	-	-
Vt.	150	-	-	-	-	-	-	-	-	-	-	-	-
Conn.		-	-	-	-	-	-	-	-	-	-	-	-
N. Y.	4,325	t	3.	138	2.	92	t	-	-	-	-	-	276
N. J.	32	-	-	-	-	-	-	-	-	-	-	-	-
Pa.	1,590	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	2,736	-	0.1	3	t	-	-	44	0.5	-	-	15	7.2
Ind.	1,293	-	-	-	-	-	-	-	-	-	-	-	-
Ill.	8,613	-	-	-	-	-	-	-	-	-	-	266	266
Mich.	7,228	0.1	7	37	0.7	52	0.1	7	t	-	-	-	177
Wis.	19,006	1.	200	500	t	-	t	-	t	-	-	-	1,000
Minn.	37,480	2.5	997	797	0.5	199	0	0	t	-	-	-	2,391
Iowa	13,546	-	-	-	-	-	-	-	0.5	-	-	69	207
Mo.	552	-	t	-	-	-	-	-	-	-	-	-	-
N. D.	13,482	0.5	95	192	1.	192	-	-	t	-	-	-	671
S. D.	15,680	t	-	172	2.	344	-	-	t	-	-	-	516
Nebr.	14,091	-	-	-	-	-	-	-	t	-	-	-	-
Kans.	3,726	0.5	46	367	0.5	46	-	-	t	-	-	-	459
Del.		-	t	-	t	-	-	-	-	-	-	-	-
Md.	528	t	-	6	10.	59	t	-	t	-	-	-	65

1931 - Barley (continued)

: Production :		: Estimated reduction in yield of barley due to diseases :											
State :	Bushels :	Stripe :	Loose Smut :	Covered Smut :	Leaf Rust :	Stem Rust :	All Diseases :	% :	% :	% :	% :	% :	% :
:	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :	1,000 :
:	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :	Bushels :
:	% :	% :	% :	% :	% :	% :	% :	% :	% :	% :	% :	% :	% :
Va.	570	2	13	19	19	1	6	9					57
N. C.	480	2	10	14	t			5.7					29
Ga.					2			2					
Ky.	356												
Tenn.	382												
Okla.	2,457												
Tex.	5,194		1	52				1					52
Mont.	1,946	1	21	21	2	0	0	9					192
Idaho	4,108												
Wyo.	1,568								t				
Colo.	7,099								t				
N. Mex.	253												
Ariz.	320												
Utah	1,216												
Nev.	155												
Wash.	1,888												
Oreg.	2,072												
Calif.	13,776												
U. S.	198,965	0.9	1,389	2,313	0.7	51	0.2	356	4.3				6,570

1932 - BARLEY

Estimated reduction in yield of barley due to diseases, 1932

Estimated reduction in yield of barley due to diseases													
State	Production: Bushels	Strive		Loose Smut		Covered Smut		Leaf Rust		Stem Rust		All Diseases	
		%	: 1,000 : Bushels	%	: 1,000 : Bushels	%	: 1,000 : Bushels	%	: 1,000 : Bushels	%	: 1,000 : Bushels	%	: 1,000 : Bushels
Maine	120	-	-	-	-	-	-	-	-	-	-	-	-
Vt.	140	-	-	-	-	-	-	-	-	-	-	-	-
Conn.	3,926	0	1	-	-	-	-	-	1	-	-	2	-
N. Y.	25	t	-	-	-	-	-	-	-	-	-	-	-
N. J.		-	-	-	-	-	-	-	-	-	-	-	-
Pa.	1,725	7	3	56	6	131	4	87	t	-	-	21	459
Ohio	1,890	-	1	22	0.2	4	1.5	33	t	-	-	12.8	279
Ind.	800	-	-	-	-	-	-	-	-	t	-	-	-
Ill.	10,574	-	-	-	-	-	-	-	-	1	107	1	107
Mich.	6,340	t	0.5	33	1	65	t	-	0.5	33	2.5	164	
Wis.	23,670	0.5	2.5	621	0.1	25	0.1	25	0	0	4.7	1,167	
Minn.	47,232	2	1.5	746	0.5	249	0	0	t	-	5	2,486	
Iowa	15,100	5	1.5	296	0.2	39	0	0	0.3	158	23.5	4,638	
Mo.	323	-	-	-	-	-	-	-	-	-	-	-	-
N. Dak.	40,392	0.5	1	419	1	419	-	-	t	-	3.5	1,466	
S. Dak.	47,630	-	-	-	-	-	-	-	t	-	-	-	-
Nebr.	18,360	t	-	-	-	-	-	-	0.7	129	0.7	109	
Kans.	9,856	2	5	536	1	107	t	-	t	-	8	857	
Md.	609	0.5	1	7	7.5	50	t	-	t	-	9	60	

1932 - Barley (continued)

State	Estimated reduction in yield of barley due to diseases												
	Production: Bushels	Stripe %	Bushels	Loose Smut %	Bushels	Covered Smut %	Bushels	Leaf Rust %	Bushels	Stem Rust %	Bushels	All Diseases %	Bushels
Va.	765	2.	17	3.	25	3.	25	t	-	t	-	8.5	71
W. Va.	114	10.	15	2.	3	5.	3	2.	3	-	-	24.	37
N. C.	285	1.	3	1.	3	1.	3	-	-	-	-	4.	12
Ky.	200	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	324	-	-	-	-	-	-	-	-	-	-	-	-
Okla.	1,725	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	3,570	0.5	19	1.	38	1.	38	0.5	19	1.	38	6.	227
Mont.	3,900	1.	41	1.	41	2.	81	0	0	t	-	4.	163
Idaho	5,868	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	2,540	-	-	-	-	-	-	-	-	0	0	-	-
Co. lo.	7,244	t	-	1.	73	t	-	t	-	t	-	1.	73
N. Mex.	221	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	735	-	-	-	-	-	-	-	-	-	-	-	-
Utah	1,716	-	-	-	-	-	-	-	-	-	-	-	-
Nev.	266	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	1,920	t	-	1.	19	t	-	0	0	t	-	1.5	29
Oreg.	2,688	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	39,249	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	302,042	1.3	2,779	1.4	2,948	0.6	1,244	t	167	0.2	465	6.	12,424

1933 - BARLEY

Estimated reduction in yield of barley due to diseases, 1933

State	Production:		Estimated reduction in yield of barley due to diseases											
	1,000 Bushels	%	Stripe	Loose Smut	Covered Smut	Leaf Rust	Stem Rust	All Diseases	Stripe	Loose Smut	Covered Smut	Leaf Rust	Stem Rust	All Diseases
			1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%
Maine	155	t	-	t	-	-	-	-	-	-	-	-	-	-
Vt.	96	-	-	-	-	-	-	-	-	-	-	-	-	-
Conn.		-	-	-	0.5	-	-	-	-	-	-	-	-	1.3
N. Y.	3,300	-	-	-	-	-	-	-	-	-	-	-	-	-
N. J.	28	-	-	-	t	-	-	-	-	-	-	-	-	-
Pa.	2,025	2	50	3.3	96	2.7	219	2	50	t	50	t	-	19.5
Chio	660	-	-	1	7	t	-	11	0.5	-	11	0.5	4	6.5
Ind.	260	-	-	-	-	-	-	-	-	-	-	-	0	-
Ill.	4,785	0.3	15	1.5	75	-	-	-	-	-	-	-	-	4.3
Mich.	3,250	-	-	0.5	17	1	33	t	-	t	-	t	-	2
Wis.	17,710	0.5	94	2.5	468	t	-	-	-	t	-	0	0	5.3
Minn.	28,675	1	300	1	300	0.5	150	0	0	t	0	t	-	4.5
Iowa	8,512	3	283	1.5	142	0.2	19	-	-	-	-	-	-	9.8
Mo.	204	-	-	-	-	-	-	-	-	-	-	-	-	-
N. D.	16,300	-	-	0.5	94	0.5	94	0	0	0	0	0	0	3
S. D.	3,451	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebr.	5,390	-	-	-	-	-	-	-	-	-	-	-	-	-
Kans.	3,264	1	34	2	63	0.5	17	t	-	-	-	-	0	3.5
McC.	593	1	7	1	7	7	46	0.5	3	t	3	t	-	9.5



1933 - Barley (continued)

Estimated reduction in yield of barley due to diseases

State	Production:		Stripe		Loose Smut		Covered Smut		Leaf Rust		Stem Rust		All Diseases	
	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%
Va.	833:	2.	18:	3.5:	32:	3.5:	32:	t	-:	t	-:	t	-:	82
W. Va.	92:	2.	2:	2.	4:	4.	4:	t	-:	-:	-:	-:	-:	8
N. C.	272:	1.	3:	3.	9:	1.	3:	t	-:	t	-:	-:	-:	18
Ky.	276:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Tenn.	378:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Okla.	720:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Tex.	1,720:	0.5:	9:	1.	19:	1.	19:	1.	19:	1.	19:	1.	19:	142
Mont.	2,768:	1.	29:	1.	29:	2.	58:	0	0:	0	0:	0	0:	116
Idaho	4,147:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Wyo.	1,729:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Colo.	6,880:	0:	0:	-:	0:	0	0:	0	0:	0	0:	0	0:	-:
N. Mex.	234:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Ariz.	700:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Utah	1,147:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Nev.	150:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
Wash.	2,590:	t	-:	t	-:	t	-:	t	-:	t	-:	-:	-:	-:
Oreg.	3,334:	-:	-:	34:	-:	-:	-:	0	-:	-:	-:	-:	-:	41
Calif.	24,471:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:	-:
U. S.	156,104:	0.9:	844:	1.4:	1,399:	0.7:	594:	t	83:	t	23:	5.2:	5,268	

Estimated reduction in yield of rye due to diseases, 1931

State	Estimated reduction in yield due to diseases										
	Smut		Ergot		Leaf Rust		Stem Rust		All Diseases		
	: 1,000 : :Bushels:	: % :	: 1,000 : :Bushels:	: % :	: 1,000 : :Bushels:	: % :	: 1,000 : :Bushels:	: % :	: 1,000 : :Bushels:	: % :	
Mass.	:	0 :	0 :	1. :	- :	10. :	- :	t :	- :	16. :	-
N. Y.	:	340: t :	- :	t :	- :	- :	- :	- :	- :	1. :	3
N. J.	:	357: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Pa.	:	2,025: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Ohio	:	1,332: - :	- :	- :	- :	- :	0 :	0 :	1. :	13	
Ind.	:	1,827: - :	- :	- :	- :	5. :	96: 0.5:	- :	5. :	96	
Ill.	:	992: - :	- :	- :	- :	- :	0 :	0 :	- :	-	
Mich.	:	2,133: 0.1:	2: 0.1:	2: 0.1:	2: 0.1:	2: t :	- :	0.8:	17		
Wisc.	:	2,188: t :	- :	1.5:	33: t :	- :	0 :	0 :	1.5:	33	
Minn.	:	5,475: t :	- :	t :	- :	0 :	0 :	t :	- :	t :	-
Iowa	:	615: - :	- :	- :	- :	- :	0 :	0 :	- :	- :	-
Mo.	:	336: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
N. D.	:	4,914: - :	- :	t :	- :	- :	0 :	0 :	0.5:	25	
S. D.	:	2,723: - :	- :	- :	- :	- :	t :	- :	- :	- :	-
Nebr.	:	2,997: - :	- :	- :	- :	- :	t :	- :	- :	- :	-
Kans.	:	300: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Del.	:	122: - :	- :	- :	- :	t :	- :	- :	t :	- :	-
Md.	:	378: - :	- :	t :	- :	- :	- :	- :	t :	- :	-
Va.	:	1,141: - :	- :	- :	- :	3. :	35: 0.5:	6: 3.5:	41		
W. Va.	:	259: - :	- :	- :	- :	2. :	5: - :	- :	2. :	5	
N. C.	:	576: - :	- :	t :	- :	- :	- :	- :	1. :	6	
S. C.	:	76: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Ga.	:	110: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Ky.	:	360: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Tenn.	:	176: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Okla.	:	117: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Tex.	:	46: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Mont.	:	100: 0 :	0 :	t :	- :	t :	- :	0 :	0 :	t :	-
Idaho	:	30: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Wyo.	:	112: - :	- :	- :	- :	- :	0 :	0 :	- :	- :	-
Colo.	:	371: - :	- :	- :	- :	- :	0 :	0 :	- :	- :	-
Utah	:	15: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Wash.	:	75: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
Oreg.	:	123: - :	- :	- :	- :	- :	- :	- :	- :	- :	-
U. S.	:	32,746: t :	2: 0.2:	35: 0.6:	138: t :	6: 1.1:	239				

1932 - RYE

Estimated reduction in yield of rye due to diseases, 1932

State	Estimated reduction in yield due to diseases										
	Production	Smut		Ergot		Leaf Rust		Stem Rust		All Diseases	
	: 1,000 Bushels :	%	: 1,000 Bushels :	%	: 1,000 Bushels :	%	: 1,000 Bushels :	%	: 1,000 Bushels :	%	
Conn.	0	0	-	-	-	-	-	-	-	2.	-
N. Y.	279	-	-	-	-	-	-	-	-	-	-
N. J.	374	-	-	-	-	-	-	-	-	-	-
Pa.	1,550	t	-	t	10.	180	t	-	14.	252	
Ohio	572	0.5	3	0.1	1	0.1	1	0	0	1.7	11
Ind.	1,024	-	-	-	-	-	-	t	-	-	-
Ill.	562	-	-	-	-	-	-	0	0	-	-
Mich.	2,133	t	-	t	-	t	-	0	0	t	-
Wis.	3,048	t	-	1.5	46	t	-	t	-	1.5	46
Minn.	4,960	t	-	t	-	t	-	0	0	t	-
Iowa	594	0	0	t	-	-	-	0	0	t	-
Mo.	90	-	-	-	-	-	-	-	-	-	-
N. D.	12,089	-	-	t	-	0	0	0	0	1.	122
S. D.	7,125	-	-	-	-	-	-	0	0	-	-
Nebr.	2,330	-	-	-	-	-	-	0.7	20	0.7	20
Kans.	209	-	-	-	-	0	0	0	0	-	-
Del.	38	-	-	-	-	-	-	-	-	-	-
Md.	223	-	-	t	-	0	0	0	0	t	-
Va.	530	0	0	t	-	2.5	14	1.	6	4.	23
W. Va.	128	-	-	-	-	t	-	-	-	4.	5
N. C.	512	-	-	-	-	t	-	-	-	1.	5
S. C.	72	-	-	-	-	-	-	-	-	-	-
Ga.	88	-	-	-	-	-	-	-	-	-	-
Fla.	-	-	-	-	-	5.	-	-	-	5.	-
Ky.	117	-	-	-	-	-	-	-	-	-	-
Tenn.	114	-	-	-	-	-	-	-	-	-	-
Okla.	60	-	-	-	-	-	-	-	-	-	-
Tex.	27	0.1	-	t	-	0.5	-	1.	-	5.6	2
Mont.	520	0	0	t	-	0	0	0	0	t	-
Idaho	48	-	-	-	-	-	-	-	-	-	-
Wyo.	156	-	-	-	-	-	-	0	0	-	-
Colo.	150	-	-	t	-	-	-	0	0	t	-
Utah	24	-	-	-	-	-	-	-	-	-	-
Wash.	96	0	0	0	0	0	0	t	-	t	-
Oreg.	242	-	-	-	-	-	-	-	-	-	-
U. S.	40,639	t	3	0.2	47	0.6	195	0.1	26	1.6	486

## 1933 - RYE

## Estimated reduction in yield of rye due to diseases, 1933

State	Estimated reduction in yield due to diseases																				
	:Produc-:		Smut		Ergot		Leaf Rust		Stem Rust		All Diseases										
	: tion :	:	:	:	:	:	:	:	:	:	:	:									
: 1,000 :	:	: 1,000 :	:	: 1,000 :	:	: 1,000 :	:	: 1,000 :	:	: 1,000 :	:	: 1,000 :									
:Bushels:	%	:Bushels:	%	:Bushels:	%	:Bushels:	%	:Bushels:	%	:Bushels:	%	:Bushels									
Mass.	:	-	:	-	:	t	:	5.	:	-	:	-	:	5.	:	-					
Conn.	:	0	:	0	:	-	:	0.5:	:	-	:	0.5:	:	-	:	1.5:	:	-			
N. Y.	:	240:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
N. J.	:	352:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Pa.	:	1,606:	t	-	:	t	:	5.	:	89:	:	t	:	-	:	10.:	:	178			
Ohio	:	638:	-	-	:	0.1:	:	1:	:	7:	:	0:	:	0:	:	2.1:	:	15			
Ind.	:	390:	-	-	:	-	:	1.	:	9:	:	0:	:	0:	:	1.	:	9			
Ill.	:	625:	t	-	:	0	:	0	:	t	:	-	:	0:	:	0.3:	:	2			
Mich.	:	1,312:	t	-	:	t	:	-	:	t	:	-	:	t	:	0.5:	:	7			
Wis.	:	2,260:	t	-	:	2.5:	:	58:	:	t	:	-	:	t	:	2.5:	:	58			
Minn.	:	3,638:	t	-	:	1.	:	37:	:	t	:	-	:	0:	:	0:	:	1.	:	37	
Iowa	:	490:	-	-	:	t	:	-	:	-	:	0:	:	0:	:	t	:	-			
Mo.	:	32:	-	-	:	-	:	-	:	-	:	-	:	-	:	t	:	-			
N. D.	:	3,712:	0	:	0	:	t	:	-	0	:	0	:	0	:	0:	:	0.5:	:	19	
S. D.	:	760:	-	-	:	-	:	-	:	-	:	0	:	0	:	-	:	-			
Nebr.	:	1,712:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Kans.	:	128:	0	:	0	:	0	:	0	:	t	:	-	:	0	:	0	:	t	:	-
Del.	:	52:	-	-	:	-	:	-	:	t	:	-	:	-	:	-	:	-			
Md.	:	221:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Va.	:	578:	t	-	:	t	:	-	:	2.5:	:	15:	:	1.	:	6:	:	4.5:	:	27	
W. Va.	:	144:	-	-	:	-	:	-	:	3.0:	:	5:	:	-	:	-	:	4.0:	:	7	
N. C.	:	420:	-	-	:	-	:	-	:	t	:	-	:	-	:	-	:	1.	:	4	
S. C.	:	49:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Ga.	:	72:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Fla.	:	:	-	-	:	-	:	-	:	3.	:	-	:	-	:	-	:	3.	:	-	
Ky.	:	132:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Tenn.	:	104:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Okla.	:	38:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Tex.	:	12:	0.5:	-	:	-	:	-	:	0.5:	:	-	:	2.	:	-	:	5.	:	1	
Mont.	:	266:	-	-	:	-	:	-	:	-	:	0	:	0	:	0	:	-			
Idaho	:	33:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Wyo.	:	126:	-	-	:	-	:	-	:	-	:	0	:	0	:	-	:	-			
Colo.	:	117:	-	-	:	-	:	0	:	0	:	0	:	0	:	-	:	-			
Utah	:	21:	-	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-			
Wash.	:	84:	0	:	0	:	t	:	-	t	:	-	:	t	:	-	:	t	:	-	
Oreg.	:	220:	-	-	:	-	:	-	:	t	:	-	:	-	:	-	:	t	:	-	
U. S.	:	21,184:	t	-	:	0.6:	:	96:	:	0.7:	:	125:	:	t	:	6:	:	2.1:	:	364	

Estimated reduction in yield of oats due to diseases, 1931

State	Production:		Estimated reduction in yield due to diseases							
	1,000	Loose and	Covered Smut		Stem Rust		Crown Rust		All Diseases	
	Bushels	1,000	1,000	Bushels	%	Bushels	%	Bushels	%	Bushels
		%	Bushels	%	Bushels	%	Bushels	%	Bushels	%
Maine	3,776	-	-	-	-	-	-	-	-	-
N. H.	228	-	-	-	-	-	-	-	-	-
Vt.	1,952	-	-	-	-	-	-	-	-	-
Mass.	132	12.	19	t	-	t	-	15.	24	
R. I.	62	-	-	-	-	-	-	-	-	-
Conn.	232	-	-	-	-	-	-	1.5	4	
N. Y.	24,596	3.	793	t	-	4.	1,058	7.	1,851	
N. J.	1,333	-	-	-	-	-	-	-	-	-
Pa.	28,143	15.	4,966	-	-	-	-	15.	4,966	
Ohio	62,138	4.	2,619	1.	655	t	-	5.1	3,339	
Ind.	61,339	1.	623	0.5	311	t	-	1.5	934	
Ill.	142,188	1.5	2,233	3.	4,467	-	-	4.5	6,700	
Mich.	43,768	2.	1,026	12.	6,157	0.2	103	14.7	7,543	
Wis.	68,852	5.	3,694	1.5	1,108	0.3	222	6.8	5,024	
Minn.	123,525	3.	3,860	1.	1,287	t	-	4.	5,147	
Iowa	186,806	10.	20,872	0.5	1,044	t	-	10.5	21,916	
Mo.	50,355	3.5	1,830	0	0	0.2	105	3.7	1,935	
N. D.	18,276	0.5	93	t	-	t	-	1.5	279	
S. D.	20,068	2.	409	t	-	-	-	2.	409	
Nebr.	49,686	2.	1,014	t	-	-	-	2.	1,014	
Kans.	41,085	4.	1,306	t	-	t	-	9.	4,063	
Del.	105	t	-	-	-	t	-	t	-	
Md.	2,010	5.	106	t	-	t	-	5.	106	
Va.	4,838	6.	330	1.	55	5.	275	12.	660	
W. Va.	3,552	1.5	58	-	-	5.	192	7.5	288	
N. C.	4,531	0.3	14	-	-	t	-	2.	93	
S. C.	9,450	1.	95	-	-	-	-	1.	95	
Ga.	7,968	3.	251	1.5	125	0.1	8	4.6	384	
Fla.	162	5.	10	2.	4	15.	31	22.	45	
Ky.	4,872	2.	99	-	-	-	-	2.	99	
Tenn.	2,760	-	-	-	-	-	-	-	-	
Ala.	3,366	-	-	-	-	5.	177	5.	177	
Miss.	1,325	-	-	-	-	5.	70	5.	70	
Ark.	4,160	10.	520	t	-	10.	520	20.	1,040	
La.	754	3.	26	t	-	10.	87	13.	113	
Okla.	43,206	2.	882	-	-	-	-	2.	882	
Tex.	59,976	10.	6,777	0.5	339	1.	678	11.5	7,794	
Mont.	2,654	6.	177	0	0	t	-	10.	295	
Idaho	3,944	3.	122	-	-	-	-	3.	122	
Wyo.	1,764	-	-	t	-	-	-	-	-	
Colo.	3,404	t	-	t	-	-	-	-	-	
N. M.	950	-	-	-	-	-	-	-	-	
Ariz.	360	-	-	-	-	-	-	-	-	
Utah	1,290	-	-	-	-	-	-	-	-	
Nev.	50	-	-	-	-	-	-	-	-	
Wash.	7,742	1.	79	-	-	1.	79	2.	158	
Oreg.	7,136	1.	76	1.5	113	3.	227	5.5	416	
Calif.	1,273	t	-	t	-	2.	26	2.	26	
U. S.	1,112,142	4.7	55,479	1.3	15,565	0.3	3,858	6.7	73,011	

## 1932 - OATS

Estimated reduction in yield of oats due to diseases, 1932

State	Estimated reduction in yield due to diseases									
	Production:		Estimated reduction in yield due to diseases							
	1,000 Bushels	Loose and Covered Smut	Stem Rust	Crown Rust	All Diseases	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels
Maine	4,940	-	-	-	-	-	-	-	-	-
N. H.	312	0.5	2	-	-	-	-	0.5	2	
Vt.	2,046	-	-	-	-	-	-	-	-	
Mass.	165	10.	19	t	-	t	-	13.	25	
R. I.	68	-	-	-	-	-	-	-	-	
Conn.	279	1.5	4	1.5	4	-	2	3.	8	
N. Y.	26,753	5.	868	1.5	434	4.	868	7.5	2,170	
N. J.	1,066	2.	22	-	-	-	-	2.	22	
Pa.	24,072	6.5	1,710	0.5	132	0.5	132	8.5	2,237	
Ohio	45,344	4.	1,911	0.5	239	0.5	239	5.1	2,437	
Ind.	58,950	5.	3,103	t	-	-	-	5.	3,103	
Ill.	166,462	5.	8,761	t	-	-	-	5.	8,761	
Mich.	36,045	2.	742	0.7	260	t	-	2.9	1,076	
Wis.	83,655	4.	3,698	0	0	0.1	92	4.1	3,790	
Minn.	164,700	2.5	4,289	1.5	2,573	t	-	4.	6,862	
Iowa	219,426	7.	17,066	1.	2,438	1.	2,438	10.	24,380	
Mo.	36,841	1.	384	1.	384	2.	768	4.	1,536	
N. D.	42,084	2.	363	t	-	t	-	2.5	1,079	
S. D.	75,432	2.	1,539	t	-	-	-	2.	1,539	
Nebr.	74,190	2.	1,595	5.	3,989	-	-	7.	5,534	
Kans.	34,572	7.	2,645	t	-	t	-	8.5	3,212	
Del.	104	-	-	-	-	-	-	-	-	
Md.	1,425	2.	29	0.5	7	0.5	7	3.	43	
Va.	3,237	6.6	247	1.	37	6.	225	13.6	509	
W. Va.	3,036	10.	405	t	-	10.	405	25.	1,012	
N. C.	4,366	1.	45	-	-	-	-	2.	90	
S. C.	7,974	5.	433	1.	87	2.	173	8.	693	
Ga.	6,993	2.5	212	5.	424	10.	848	17.5	1,484	
Fla.	80	5.	5	-	-	20.	21	25.	26	
Ky.	2,349	1.	24	-	-	-	-	1.	24	
Tenn.	1,910	1.	19	-	-	-	-	1.	19	
Ala.	1,485	-	-	-	-	2.	30	2.	30	
Miss.	512	2.	12	1.5	8	3.	16	6.5	36	
Ark.	1,596	5.	95	t	-	10.	190	16.	304	
La.	300	2.	7	2.	7	10.	35	14.	49	
Okla.	24,012	-	-	-	-	-	-	-	-	
Tex.	41,976	3.	1,482	2.	988	3.	3,951	15.	7,409	
Mont.	10,075	6.	664	t	-	0	0	9.	996	
Idaho	5,476	1.	55	-	-	-	-	1.	55	
Wyo.	3,465	-	-	0	0	-	-	-	-	
Colo.	3,736	1.	38	t	-	0	0	1.	38	
N. Mex.	920	-	-	-	-	-	-	-	-	
Ariz.	364	-	-	-	-	-	-	-	-	
Utah	1,836	-	-	-	-	-	-	-	-	
Nev.	114	-	-	-	-	-	-	-	-	
Wash.	3,300	2.	171	t	-	t	-	3.	257	
Oreg.	6,802	2.	139	-	-	0	0	2.	139	
Calif.	1,813	-	-	-	-	-	-	-	-	
U. S.	1,246,653	4.	53,303	0.9	12,011	0.8	10,433	6.1	81,036	

Estimated reduction in yield of oats due to diseases, 1933

State	Production:		Estimated reduction in yield due to diseases						
	1,000	Bushels	Loose and Covered	Smut	Stem Rust	Crown Rust	All Diseases		
	%	Bushels	%	Bushels	%	Bushels	%	Bushels	
Me.	5,200	7.	391	t	-	t	-	7.	391
N. H.	228	-	-	-	-	-	-	-	-
Vt.	1,593	-	-	-	-	-	-	-	-
Mass.	150	12.	21	t	-	t	-	16.	28
R. I.	72	-	-	-	-	-	-	-	-
Conn.	225	1.	2	-	-	1.	2	2.	4
N. Y.	16,810	-	-	-	-	-	-	-	-
N. J.	1,161	-	-	-	-	-	-	-	-
Pa.	20,812	13.	3,202	t	-	0.5	123	15.5	3,818
Ohio	26,096	4.	1,100	t	-	1.	275	5.1	1,402
Ind.	28,067	-	-	0	0	3.	868	3.	368
Ill.	78,760	5.5	4,613	t	-	0.5	419	6.1	5,116
Mich.	23,541	2.	483	t	-	t	-	2.5	604
Wis.	63,882	6.	4,086	0	0	0.1	68	6.2	4,222
Minn.	96,406	2.	1,967	t	-	t	-	2.	1,967
Iowa	134,618	5.	7,085	t	-	t	-	5.	7,085
Mo.	32,634	3.	1,020	t	-	1.	340	4.	1,360
N. D.	22,139	0.5	112	0	0	t	-	1.	224
S. D.	5,220	-	-	0	0	-	-	-	-
Nebr.	23,373	-	-	-	-	-	-	-	-
Kans.	25,976	6.	1,667	0	0	t	-	6.5	1,306
Del.	87	t	-	t	-	-	-	-	-
Md.	1,100	5.	59	t	-	2.	24	7.	83
Va.	3,360	6.5	254	1.5	59	6.	234	14.	547
W. Va.	2,356	5.	128	-	-	3.	77	8.	205
N. C.	3,977	2.	92	4.	370	2.	92	14.	646
S. C.	7,215	-	-	-	-	-	-	-	-
Ga.	5,310	-	-	-	-	20.	1,328	20.	1,328
Fla.	30	4.	5	-	-	30.	36	34.	41
Ky.	1,952	-	-	t	-	-	-	-	-
Tenn.	1,744	-	-	t	-	t	-	-	-
Ala.	1,104	-	-	-	-	5.	58	5.	58
Miss.	336	-	-	-	-	10.	37	10.	37
Ark.	1,648	5.	98	t	-	10.	196	16.	314
La.	261	-	-	-	-	15.	46	15.	46
Okla.	21,478	-	-	-	-	-	-	-	-
Tex.	20,808	5.	1,317	5.	1,317	10.	2,634	21.	5,531
Mont.	6,511	5.	343	0	0	0	0	5.	343
Idaho	4,544	-	-	-	-	-	-	-	-
Wyo.	3,246	-	-	0	0	-	-	-	-
Colo.	4,131	0	0	0	0	0	0	-	-
N. Mex.	836	-	-	-	-	-	-	-	-
Ariz.	377	-	-	-	-	-	-	-	-
Utah	1,550	-	-	-	-	-	-	-	-
Nev.	90	-	-	-	-	-	-	-	-
Wash.	9,847	t	-	t	-	t	-	t	-
Oreg.	9,842	0.5	52	t	-	0	0	5.	518
Calif.	2,092	-	-	-	-	-	-	-	-
U. S.	722,485	4.2	28,097	0.3	1,746	1.0	6,257	5.8	38,592

## Estimated reduction in yield of corn due to diseases, 1931

State	Estimated reduction in yield of corn due to diseases									
	Production:									
	1,000		Smut		Leaf Rust		Brown Spot		Black Bundle	
	Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%
Maine	588	-	-	t	-	0	0	-	-	
N. H.	598	-	-	-	-	0	0	-	-	
Vt.	2,944	-	-	-	-	0	0	-	-	
Mass.	1,591	2.	37	1.	19	0	0	-	-	
R. I.	344	-	-	-	-	0	0	-	-	
Conn.	2,142	2.	44	-	-	0	0	-	-	
N. Y.	22,074	2.	450	t	-	0	0	-	-	
N. J.	6,970	-	-	-	-	0	0	-	-	
Pa.	62,766	-	-	-	-	0	0	-	-	
Ohio	160,920	3.	5,219	-	-	0	0	-	-	
Ind.	168,535	0.3	562	t	-	0	0	t	-	
Ill.	339,845	2.5	9,754	-	-	0	0	3.0	11,705	
Mich.	40,944	1.	416	t	-	0	0	-	-	
Wis.	58,240	1.5	900	t	-	0	0	0	0	
Minn.	115,056	10.	13,149	0	0	0	0	-	-	
Iowa	389,940	7.	30,329	-	-	-	-	-	-	
Mo.	170,060	1.5	2,657	t	-	-	-	t	-	
N. D.	21,442	1.	219	t	-	0	0	-	-	
S. D.	25,152	3.	782	-	-	0	0	-	-	
Nebr.	172,346	3.	5,330	-	-	-	-	-	-	
Kans.	113,838	1.	1,200	0	0	0	0	-	-	
Del.	4,745	0.5	25	-	-	0	0	-	-	
Md.	20,710	0.3	72	t	-	0	0	-	-	
Va.	43,061	2.	911	-	-	-	-	0.5	228	
W. Va.	12,934	4.	562	t	-	-	-	-	-	
N. C.	48,072	2.	1,023	-	-	t	-	-	-	
S. C.	22,994	-	-	-	-	-	-	-	-	
Ga.	36,720	-	-	-	-	-	-	-	-	
Fla.	5,729	2.	138	1.	69	5.	345	-	-	
Ky.	80,388	-	-	-	-	-	-	-	-	
Tenn.	71,800	-	-	-	-	-	-	-	-	
Ala.	43,414	-	-	-	-	-	-	-	-	
Miss.	42,532	-	-	-	-	-	-	-	-	
Ark.	43,965	1.5	673	t	-	t	-	-	-	
La.	20,592	-	-	-	-	-	-	-	-	
Okla.	51,808	-	-	-	-	-	-	-	-	
Tex.	94,248	2.	2,344	0.1	117	-	-	-	-	
Mont.	1,722	t	-	0	0	0	0	t	-	
Idaho	1,428	-	-	-	-	0	0	-	-	
Wyo.	1,953	-	-	-	-	0	0	-	-	
Colo.	19,278	1.	195	-	-	0	0	-	-	
N. Mex.	5,660	-	-	-	-	0	0	-	-	
Ariz.	576	-	-	-	-	0	0	-	-	
Utah	320	-	-	-	-	0	0	-	-	
Nev.	40	-	-	-	-	0	0	-	-	
Wash.	1,369	-	-	-	-	0	0	-	-	
Oreg.	1,860	-	-	-	-	0	0	-	-	
Calif.	2,610	-	-	-	-	0	0	-	-	
U. S.	2,556,863	3.4	76,991	t	205	t	345	0.5	11,933	



State	Estimated reduction in yield of corn due to disease							
	Root Rots		Ear Rots		Stalk Rots		All Diseases	
	%	:1000 Bushels:	%	:1000 Bushels:	%	:1000 Bushels:	%	:1000 Bus
Maine	-	-	t	-	-	-	t	-
N. H.	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-
Mass.	5.	94	2.	37	-	-	15.	281
R. I.	-	-	-	-	-	-	-	-
Conn.	-	-	-	-	-	-	2.	44
N. Y.	-	-	-	-	-	-	2.	450
N. J.	-	-	-	-	-	-	-	-
Pa.	-	-	-	-	-	-	-	-
Ohio	0.5:	870:	1.	1,740:	3.	5,219:	7.5:	13,048
Ind.	-	-	1.1:	2,062:	2.2:	4,124:	10.1:	18,933
Ill.	3.	11,705:	3.4:	13,266:	1.0:	3,902:	12.9:	50,332
Mich.	0.1:	42:	0.1:	42:	-	-	1.5:	625
Wis.	0.3:	180:	1.	600:	t	-	3.	1,800
Minn.	t	-	-	-	-	-	12.5:	16,436
Iowa	-	-	3.	12,998:	-	-	10.	43,327
Mo.	t	-	1.5:	2,657:	1.	1,771:	4.	7,085
N. D.	t	-	t	-	t	-	2.	438
S. D.	0.5:	130:	t	-	-	-	3.5:	912
Nebr.	-	-	-	-	-	-	3.	5,330
Kans.	4.	4,798:	-	-	-	-	5.1:	6,118
Del.	-	-	1.	49:	1.	49:	3.5:	172
Md.	5.	1,201:	8.	1,922:	0.5:	120:	13.8:	3,315
Va.	-	-	2.	911:	1.	456:	5.5:	2,506
W. Va.	-	-	2.	281:	2.	281:	8.	1,124
N. C.	-	-	3.	1,534:	-	-	6.	3,068
S. C.	-	-	-	-	-	-	-	-
Ga.	-	-	-	-	-	-	-	-
Fla.	2.	138:	4.	276:	-	-	17.	1,173
Ky.	-	-	-	-	-	-	-	-
Tenn.	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-
Ark.	-	-	-	-	-	-	2.	89
La.	-	-	-	-	-	-	-	-
Okla.	-	-	-	-	-	-	-	-
Tex.	3.	3,517:	9.	10,550:	0.5:	586:	19.6:	22,975
Mont.	-	-	-	-	-	-	t	-
Idaho	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-
Colo.	-	-	-	-	-	-	1.	195
N. Mex.	-	-	-	-	-	-	-	-
Ariz.	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-
Wash.	-	-	-	-	-	-	-	-
Oreg.	-	-	-	-	-	-	-	-
Calif.	-	-	-	-	-	-	-	-
U. S.	1.	22,675:	2.1:	48,925:	0.7:	16,508:	8.7:	200,534

Estimated reduction in yield of corn due to diseases, 1932

State	: Production:		Estimated reduction in yield of corn due to disease							
	: 1,000 :		:		:		:		:	
	: Bushels :	:	Smut		Leaf Rust		Brown Spot		Black Bundle	
			: 1,000 :	: % :	: 1,000 :	: % :	: 1,000 :	: % :	: 1,000 :	: % :
		%	Bushels	%	Bushels	%	Bushels	%	Bushels	
Me.	656	-	-	-	-	0	0	-	-	
N. H.	560	t	-	-	-	0	0	-	-	
Vt.	2,624	-	-	-	-	0	0	-	-	
Mass.	1,520	5.	88	1.	18	0	0	t	t	
R. I.	351	-	-	-	-	0	0	-	-	
Conn.	2,268	1.5	36	0.5	12	0	0	-	-	
N. Y.	20,405	-	-	-	-	0	0	-	-	
N. J.	6,930	-	-	-	-	0	0	-	-	
Pa.	46,435	4.	2,381	t	-	0	0	1.	595	
Ohio	121,872	3.	3,869	t	-	0	0	-	-	
Ind.	173,962	-	-	-	-	0	0	-	-	
Ill.	402,179	1.7	8,743	-	-	0	0	3.	15,429	
Mich.	46,431	5.	2,510	t	-	0	0	0	0	
Wis.	80,808	1.5	1,241	t	-	0	0	0	0	
Minn.	180,492	5.	9,500	0	0	0	0	-	-	
Iowa	509,507	5.	30,184	0	0	-	-	-	-	
Mo.	197,396	-	-	-	-	-	-	-	-	
N. D.	26,676	3.	842	t	-	0	0	-	-	
S. D.	73,941	-	-	-	-	0	0	-	-	
Nebr.	269,293	3.	8,329	-	-	-	-	-	-	
Kans.	136,197	1.	1,419	t	-	-	-	-	-	
Del.	4,263	-	-	-	-	0	0	-	-	
Md.	16,440	-	-	-	-	0	0	-	-	
Va.	26,928	3.	893	-	-	-	-	t	-	
W. Va.	11,150	5.	743	t	-	0	0	-	-	
N. C.	34,830	3.	1,161	-	-	11	387	-	-	
S. C.	17,885	5.	1,005	1.	201	t	-	-	-	
Ga.	38,560	-	-	-	-	-	-	-	-	
Fla.	5,840	0.5	36	2.	142	4.	285	-	-	
Ky.	67,464	-	-	-	-	-	-	-	-	
Tenn.	59,418	-	-	-	-	-	-	-	-	
Ala.	37,076	-	-	-	-	-	-	-	-	
Miss.	32,589	-	-	-	-	-	-	-	-	
Ark.	35,874	1.	366	t	-	t	-	t	-	
La.	17,906	t	-	t	-	t	-	t	-	
Okla.	65,760	-	-	-	-	-	-	-	-	
Tex.	102,726	5.	5,857	0.1	117	-	-	0.1	117	
Mont.	2,580	t	-	0	0	0	0	t	-	
Idaho	2,255	-	-	-	-	0	0	-	-	
Wyo.	2,052	-	-	-	-	0	0	-	-	
Colo.	14,318	7.	1,078	-	-	0	0	-	-	
N. Mex.	3,267	-	-	-	-	0	0	-	-	
Ariz.	615	-	-	-	-	0	0	-	-	
Utah	540	-	-	-	-	0	0	-	-	
Nev.	48	-	-	-	-	0	0	-	-	
Wash.	1,311	t	-	0	0	0	0	0	0	
Oreg.	2,015	-	-	-	-	0	0	-	-	
Calif.	2,660	-	-	-	-	0	0	-	-	
U. S.	2,906,873	3.1	80,281	t	490	t	672	0.6	16,141	

State	Estimated reduction in yield of corn due to disease							
	Root Rots		Ear Rots		Stalk Rots		All Disease	
	%	:1000 Bushels:	%	:1000 Bushels:	%	:1000 Bushels:	%	:1000 Bu
Maine	-	-	-	-	-	-	-	-
N. H.	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-
Mass.	5.	88:	-	-	-	-	14.	24
R. I.	-	-	-	-	-	-	-	-
Conn.	-	-	0.5:	12:	-	-	5.5:	13
N. Y.	-	-	-	-	-	-	-	-
N. J.	-	-	-	-	-	-	-	-
Pa.	3.	1,786:	4.	2,381:	10.	5,953:	22.	13,09
Ohio	1.	1,290:	1.	1,290:	0.2:	258:	5.5:	7,09
Ind.	-	-	-	-	-	-	-	-
Ill.	4.5:	23,143:	6.6:	33,943:	6.	30,858:	21.8:	112,11
Mich.	t	-	2.	1,004:	t	-	7.5:	3,76
Wis.	0.1:	83:	0.5:	414:	0.2:	165:	2.3:	1,90
Minn.	-	-	-	-	-	-	5.	9,50
Iowa	-	-	5.6:	33,806:	5.	30,184:	15.6:	94,17
Mo.	0.5:	992:	-	-	-	-	0.5:	99
N. D.	t	-	1.	281:	t	-	5.	1,40
S. D.	-	-	-	-	-	-	-	-
Neb.	-	-	-	-	-	-	3.	8,32
Kans.	-	-	2.	2,837:	1.	1,419:	4.	5,67
Del.	-	-	-	-	-	-	-	-
Md.	2.	354:	2.	354:	3.	530:	7.	1,23
Va.	t	-	2.5:	744:	3.5:	1,041:	9.5:	2,32
W. Va.	-	-	10.	1,487:	10.	1,487:	25.	3,71
N. C.	t	-	3.	1,161:	1.	387:	10.	3,37
S. C.	2.	402:	3.	603:	t	-	11.	2,21
Ga.	-	-	-	-	-	-	-	-
Fla.	-	-	11.	783:	0.5:	36:	18.	1,28
Ky.	-	-	-	-	-	-	-	-
Tenn.	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-
Ark.	-	-	t	-	t	-	2.	73
La.	2.	389:	5.	973:	1.	195:	8.	1,55
Okla.	-	-	-	-	-	-	-	-
Tex.	0.1:	117:	2.	2,343:	2.	2,343:	12.3:	14,40
Mont.	-	-	-	-	-	-	t	-
Idaho	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-
Colo.	-	-	t	-	-	-	7.	1,07
N. Mex.	-	-	-	-	-	-	-	-
Ariz.	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-
Wash.	0	0	t	-	t	-	t	-
Oreg.	-	-	-	-	-	-	-	-
Calif.	-	-	-	-	-	-	-	-
U. S.	1.1:	23,644:	3.2:	84,416:	2.9:	74,856:	11.2:	291,34

## 1933 - CORN

## Estimated reduction in yield of corn due to diseases, 1933

State	Production:		Estimated reduction in yield of corn due to disease							
	1,000		Smut		Leaf Rust		Brown Rot		Black Bundle	
	Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000	%
	:	:	:	:	:	:	:	:	:	:
Maine	697	t	-	t	-	0	0	0	-	-
N. H.	600	-	-	-	-	0	0	0	-	-
Vt.	2,520	-	-	-	-	0	0	0	-	-
Mass.	1,520	8.	156	2.	39	0	0	0	-	-
R. I.	410	-	-	-	-	0	0	0	-	-
Conn.	2,067	1.5	34	0.3	7	0	0	0	-	-
N. Y.	17,546	-	-	t	-	0	0	0	-	-
N. J.	6,012	-	-	-	-	0	0	0	-	-
Pa.	50,560	4.	2,528	t	-	0	0	0	1.	632
Ohio	112,694	5.	6,092	-	-	0	0	0	-	-
Ind.	125,906	0.2	256	t	-	0	0	0	0.4	533
Ill.	224,748	1.5	4,742	0	0	0	0	0	4.	12,644
Mich.	42,315	5.	2,300	t	-	0	0	0	t	-
Wis.	77,980	2.	1,603	t	-	0	0	0	0	0
Minn.	142,957	5.	7,524	0	0	0	0	0	-	-
Iowa	439,951	6.	29,527	-	-	0	0	0	-	-
Mo.	141,446	1.	1,478	0.1	148	t	-	-	t	-
N. D.	20,010	2.	417	0	0	0	0	0	-	-
S. D.	40,440	-	-	-	-	0	0	0	-	-
Nebr.	234,698	3.	7,259	-	-	0	0	0	-	-
Kans.	80,431	3.	2,581	0	0	0	0	0	-	-
Del.	3,625	t	-	-	-	0	0	0	-	-
Md.	14,000	0.5	78	t	-	0	0	0	-	-
Va.	36,918	4.	1,678	-	-	0	0	0	1.5	629
W. Va.	13,920	4.	640	-	-	0	0	0	-	-
N. C.	44,252	1.	497	t	-	2.	994	-	-	-
S. C.	22,808	-	-	-	-	-	-	-	-	-
Ga.	39,270	-	-	-	-	-	-	-	-	-
Fla.	5,384	0.5	34	3.	202	4.	269	-	-	-
Ky.	68,175	-	-	-	-	-	-	-	-	-
Tenn.	66,035	-	-	-	-	-	-	-	-	-
Ala.	36,978	-	-	-	-	-	-	-	-	-
Miss.	35,850	-	-	-	-	-	-	-	-	-
Ark.	27,716	t	-	t	-	t	-	t	-	-
La.	15,574	-	-	-	-	-	-	-	-	-
Okla.	19,435	-	-	-	-	-	-	-	-	-
Tex.	74,824	1.	866	0.1	87	-	-	-	0.5	433
Mont.	2,472	-	-	-	-	0	0	0	-	-
Idaho	1,950	-	-	-	-	0	0	0	-	-
Wyo.	2,080	-	-	-	-	0	0	0	-	-
Colo.	22,044	0	0	-	-	0	0	0	-	-
N. Mex.	3,332	-	-	-	-	0	0	0	-	-
Ariz.	738	-	-	-	-	0	0	0	-	-
Utah	483	-	-	-	-	0	0	0	-	-
Nev.	44	-	-	-	-	0	0	0	-	-
Wash.	1,558	t	-	0	0	0	0	0	0	0
Oreg.	2,414	-	-	-	-	0	0	0	-	-
Calif.	2,800	-	-	-	-	0	0	0	-	-
U. S.	2,330,237	3.3	70,300	t	483	t	1,263	0.7	14,871	

State	Estimated reduction in yield of corn due to disease							
	Root Rots		Ear Rots		Stalk Rots		All Diseases	
	%	:1000 Bushels:	%	:1000 Bushels:	%	:1000 Bushels:	%	:1000 Bushels:
Maine	-	-	t	-	3.	22:	3.	22
N. H.	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-
Mass.	t	-	t	-	11.	214:	22.	428
R. I.	-	-	-	-	-	-	-	-
Conn.	0.5:	11:	-	-	5.	113:	8.3:	199
N. Y.	-	-	-	-	-	-	-	-
N. J.	-	-	-	-	-	-	-	-
Pa.	-	-	-	-	10.	6,320:	20.	12,640
Ohio	0.5:	609:	1.	1,218:	1.	1,218:	7.5:	9,137
Ind.	0.2:	266:	2.7:	3,597:	2.	2,665:	5.5:	7,327
Ill.	5.	15,805:	12.4:	39,197:	6.	18,966:	23.9:	91,354
Mich.	0.5:	230:	1.5:	690:	0.5:	230:	8.	3,680
Wis.	0.1:	80:	0.5:	401:	0.1:	80:	2.7:	2,160
Minn.	-	-	-	-	-	-	5.	7,520
Iowa	-	-	4.6:	22,637:	-	-	10.6:	52,160
Mo.	1.5:	2,217:	1.5:	2,217:	t	-	4.3:	6,356
N. D.	-	-	1.	208:	-	-	4.	832
S. D.	-	-	-	-	-	-	-	-
Nebr.	-	-	-	-	-	-	3.	7,250
Kans.	0.5:	430:	1.	860:	2.	1,720:	6.5:	5,590
Del.	-	-	-	-	-	-	-	-
Md.	5.5:	860:	3.5:	547:	1.	156:	10.5:	1,640
Va.	t	-	2.5:	1,049:	3.5:	1,468:	12.	5,030
W. Va.	2.5:	400:	2.5:	400:	4.	640:	13.	2,080
N. C.	-	-	5.	2,486:	-	-	11.	5,460
S. C.	-	-	-	-	-	-	-	-
Ga.	-	-	-	-	-	-	-	-
Fla.	12.	808:	-	-	-	-	20.	1,340
Ky.	-	-	-	-	-	-	-	-
Tenn.	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-
Ark.	-	-	t	-	t	-	2.	560
La.	-	-	-	-	-	-	-	-
Okla.	-	-	-	-	-	-	-	-
Tex.	1.	866:	4.	3,464:	2.	1,732:	13.6:	11,770
Mont.	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-
Colo.	-	-	-	-	-	-	-	-
N. Mex.	-	-	-	-	-	-	-	-
Ariz.	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-
Wash.	0	0	t	-	t	-	t	-
Oreg.	2.	50:	t	-	-	-	2.5:	620
Calif.	-	-	-	-	-	-	-	-
U. S.	1.	22,632:	3.7:	78,971:	1.7:	35,544:	10.9:	234,650

## 1931 - SWEET CORN

Estimated reduction in yield of sweet corn due to diseases, 1931

State	*Production:		Estimated reduction in yield due to diseases							
	Tons		Smut	Bacterial Wilt	Diplodia	All Diseases				
		%	Tons	%	Tons	%	Tons	%	Tons	
Maine	35,700	-	-	-	-	-	-	-	-	
N. H.	2,600	-	-	-	-	-	-	-	-	
Vt.	3,200	-	-	-	-	-	-	-	-	
Mass.	-	-	-	t	-	-	-	-	-	
N. Y.	46,700	1.	472	0	0	-	-	1.	472	
N. J.	-	-	-	3.	-	-	-	3.	-	
Pa.	9,400	5.	522	-	-	-	-	10.	1,044	
Ohio	72,700	1.	769	3.	2,308	1.	769	5.5	4,231	
Ind.	92,400	2.	2,124	1.	1,062	10.	10,621	13.	13,807	
Ill.	161,000	-	-	-	-	-	-	-	-	
Mich.	7,600	15.	1,341	0.	0	-	-	15.	1,341	
Wis.	28,800	-	-	-	-	-	-	-	-	
Minn.	87,700	-	-	-	-	-	-	-	-	
Iowa	123,700	-	-	-	-	-	-	-	-	
Nebr.	10,900	-	-	-	-	-	-	-	-	
Kans.	-	-	-	t	-	-	-	-	-	
Del.	8,200	-	-	-	-	-	-	-	-	
Md.	71,600	-	-	t	-	-	-	-	-	
W. Va.	-	-	-	10.	-	-	-	10.	-	
Tenn.	9,000	-	-	-	-	-	-	-	-	
Tex.	-	-	-	0.1	-	-	-	-	-	
Other States:	10,400	-	-	-	-	-	-	-	-	
U. S.	781,600	1.6	5,223	1.1	3,370	3.5	11,390	6.5	20,895	

\* Production figures are of sweet corn for manufacture

1932 - SWEET CORN

Estimated reduction in yield of sweet corn due to diseases, 1932

State	*Production:		Estimated reduction in yield due to diseases							
	Tons	%	Smut Tons	%	Bacterial Wilt Tons	%	Diplodia Tons	%	All Diseases Tons	
Maine	29,200	-	-	-	-	-	-	-	-	
N. H.	1,600	-	-	-	-	-	-	-	-	
Vt.	1,000	-	-	-	-	-	-	-	-	
Mass.	-	10.	-	0.5	-	-	-	10.5	-	
Conn.	-	-	-	4.5	-	-	-	4.5	-	
N. Y.	20,900	2.5	597	10.	2,339	-	-	12.5	2,986	
N. J.	-	-	-	3.	-	-	-	3.	-	
Pa.	3,100	5.	344	45.	3,100	-	-	55.	3,788	
Ohio	17,600	1.5	305	10.	2,035	1.	203	13.5	2,746	
Ind.	50,600	5.	3,614	20.	14,457	5.	3,614	30.	21,685	
Ill.	91,000	-	-	-	-	-	-	-	-	
Mich.	4,300	-	-	15.	860	-	-	25.	1,433	
Wis.	5,500	-	-	-	-	-	-	-	-	
Minn.	93,800	-	-	-	-	-	-	-	-	
Iowa	17,000	4.	1,766	5.	11,104	6.	1,325	23.	5,078	
Nebr.	6,500	-	-	-	-	-	-	-	-	
Kans.	-	-	-	t	-	-	-	-	-	
Del.	3,600	-	-	-	-	-	-	-	-	
Md.	30,800	0.5	155	t	-	-	-	0.5	155	
W. Va.	-	-	-	5.	-	-	-	5.	-	
Tenn.	4,100	-	-	-	-	-	-	-	-	
Other States	5,500	-	-	-	-	-	-	-	-	
U. S.	386,900	3.7	6,781	13.1	23,945	2.8	5,142	20.7	37,871	

\*Production figures are of sweet corn for manufacture

## 1933 - SWEET CORN

## Estimated reduction in yield of sweet corn due to diseases, 1933

State	*Production:		Estimated reduction in yield due to diseases							
	Tons	%	Smut		Bacterial Wilt		Diplodia		All Diseases	
			Tons	%	Tons	%	Tons	%	Tons	%
Maine	29,900	t	-	5.	1,574	-	-	5.	1,574	
N. H.	1,500	-	-	-	-	-	-	-	-	
Vt.	2,300	-	-	-	-	-	-	-	-	
Mass.	-	-	-	10.	-	-	-	10.	-	
Conn.	-	-	-	5.	-	-	-	5.	-	
N. Y.	20,300	3.	708	11.	2,597	-	-	14.	3,305	
N. J.	-	-	-	-	-	-	-	-	-	
Pa.	2,700	5.	208	25.	1,039	-	-	35.	1,455	
Ohio	18,400	4.	841	7.	1,472	1.	210	12.5	2,628	
Ind.	34,600	3.	1,266	10.	4,220	5.	2,110	18.	7,596	
Ill.	77,500	-	-	-	-	-	-	-	-	
Mich.	2,300	-	-	6.	147	-	-	6.	147	
Wis.	10,100	-	-	-	-	-	-	-	-	
Minn.	93,600	-	-	-	-	-	-	-	-	
Iowa	41,100	10.	5,480	5.	2,740	-	-	25.	13,700	
Mo.	-	-	-	0.2:	-	-	-	-	-	
Nebr.	7,200	-	-	-	-	-	-	-	-	
Del.	4,000	-	-	-	-	-	-	-	-	
Me.	35,300	-	-	1.	357	-	-	1.0:	357	
W. Va.	-	3.	-	20.	-	-	-	28.	-	
Tenn.	2,300	-	-	-	-	-	-	-	-	
Other States:	5,100	-	-	-	-	-	-	-	-	
U. S.	393,000	3.9:	3,503	6.6:	14,146	1.1:	2,320	14.3:	30,762	

\*Production figures are of sweet corn for manufacture



1931 - SWEET POTATO

Estimated reduction in yield of sweet potato due to diseases, 1931

State	:Production: Estimated reduction in yield due to diseases									
	: 1,000 :		Stem Rot		Black Rot		All Diseases		Storage Rot	
	: Bushels :	: % :	: 1,000 :	: % :	: 1,000 :	: % :	: 1,000 :	: % :	: 1,000 :	: % :
N. J.	: 1,950 :	12. :	272 :	2. :	45 :	14. :	317 :	5. :	98 :	
Ind.	: 540 :	5. :	29 :	t :	6 :	7. :	41 :	5. :	27 :	
Ill.	: 636 :	- :	- :	1. :	6 :	1. :	6 :	- :	- :	
Iowa	: 300 :	5. :	16 :	3. :	10 :	8. :	26 :	5. :	15 :	
Mo.	: 900 :	2. :	19 :	2. :	19 :	4. :	38 :	10. :	90 :	
Kans.	: 570 :	5. :	32 :	5. :	32 :	10.5 :	67 :	8. :	46 :	
Del.	: 1,400 :	5. :	76 :	2.5 :	38 :	7.5 :	114 :	5. :	70 :	
Md.	: 2,013 :	1. :	21 :	0.5 :	10 :	3. :	62 :	15. :	302 :	
Va.	: 4,750 :	15. :	902 :	3. :	180 :	21. :	1,262 :	15. :	713 :	
N. C.	: 6,560 :	3. :	209 :	1. :	70 :	6. :	419 :	18. :	1,181 :	
S. C.	: 3,180 :	3. :	100 :	2. :	67 :	5. :	167 :	15. :	477 :	
Ga.	: 4,550 :	1. :	47 :	2. :	94 :	3. :	141 :	15. :	683 :	
Fla.	: 1,638 :	t :	- :	t :	- :	3. :	51 :	15. :	246 :	
Ky.	: 2,100 :	t :	- :	2. :	43 :	2. :	43 :	10. :	210 :	
Tenn.	: 5,440 :	t :	- :	2. :	111 :	2. :	111 :	10. :	544 :	
Ala.	: 5,304 :	t :	- :	2. :	108 :	2. :	108 :	10. :	530 :	
Miss.	: 5,355 :	t :	- :	2. :	109 :	2. :	109 :	10. :	536 :	
Ark.	: 2,830 :	5. :	157 :	3. :	94 :	8. :	251 :	15. :	432 :	
La.	: 5,400 :	t :	- :	- :	- :	- :	- :	- :	- :	
Okla.	: 1,330 :	- :	- :	- :	- :	- :	- :	- :	- :	
Tex.	: 4,968 :	0.5 :	29 :	10. :	538 :	15.5 :	911 :	5. :	248 :	
Calif.	: 1,140 :	t :	- :	- :	- :	1. :	12 :	- :	- :	
U. S.	: 62,904 :	3.2 :	1,909 :	2.7 :	1,630 :	7.0 :	4,256 :	11.9 :	6,448 :	

## 1932 - SWEET POTATO

Estimated reduction in yield of sweet potato due to diseases, 1932

State	:Production:		Estimated reduction in yield due to diseases							
	: 1,000 :	:	Stem Rot	:	Blch. Rot	:	All Diseases	:	Storage Rot	
	: Bushels :	:	: 1,000 :	:	: 1,000 :	:	: 1,000 :	:	: 1,000 :	
	:	%	:Bushels:	%	:Bushels:	%	:Bushels:	%	:Bushels	
N. J.	: 1,560:	5. :	82:	t :	- :	5. :	82:	5. :	78	
Ind.	: 440:	3. :	14:	- :	- :	3. :	14:	5. :	22	
Ill.	: 735:	2. :	15:	- :	- :	2. :	15:	- :	-	
Iowa	: 300:	15. :	59:	8. :	31:23. :	90:	4. :	12		
Mo.	: 900:	- :	- :	- :	- :	- :	- :	- :	-	
Kans.	: 720:	5. :	40:	4. :	32:10. :	30:	8. :	58		
Del.	: 805:	5. :	43:	2. :	17: 7. :	60:	5. :	40		
Md.	: 888:	2. :	13:	0.5:	5: 3.5 :	32:	5. :	44		
Va.	: 3,610:	15. :	645:	t :	- :	16. :	688:	20. :	722	
N. C.	: 7,990:	8. :	761:	3. :	235:16. :	1,522:	20. :	1,598		
S. C.	: 6,072:	1. :	65:	3. :	194: 6. :	383:	40. :	2,429		
Ga.	: 8,938:	t :	- :	- :	- :	- :	10. :	394		
Fla.	: 1,500:	2. :	34:	4. :	67:11. :	185:	12. :	180		
Ky.	: 2,200:	- :	- :	- :	- :	- :	- :	-		
Tenn.	: 6,600:	- :	- :	- :	- :	- :	- :	-		
Ala.	: 8,585:	- :	- :	- :	- :	- :	- :	-		
Miss.	: 7,900:	- :	- :	- :	- :	- :	- :	-		
Ark.	: 2,660:	5. :	153:	5. :	153: 13. :	398:	15. :	399		
La.	: 5,544:	t :	- :	- :	- :	- :	- :	-		
Okla.	: 1,584:	- :	- :	- :	- :	- :	- :	-		
Tex.	: 7,600:	0.5:	45:	10. :	900: 15.6:	1,404:	10. :	760		
Calif.	: 1,300:	t :	- :	- :	- :	- :	- :	-		
U. S.	: 78,431:	5. :	1,974:	4.2:	1,624:	12.4:	4,958:	16.4:	7,236	

1933 - SWEET POTATO

Estimated reduction in yield of sweet potato due to diseases, 1933

State	:Production:		Estimated reduction in yield due to diseases							
	1,000		Stem Rot	Black Rot	All Diseases	Storage Rot				
	Bushels	%	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	%	:Bushels:	%	:Bushels:
N. J.	1,925	5.	105	2.	42	8.	163	5.	96	
Ind.	400	3.	13	1.	4	5.	21	4.	16	
Ill.	420	2.	9	-	-	2.	9	-	-	
Iowa	270	5.	15	3.	9	8.	24	2.	5	
Mo.	750	5.	40	1.	8	6.2	50	2.5	19	
Kans.	490	5.	27	3.	16	9.	48	8.	39	
Del.	910	5.	48	0.5	5	5.5	53	4.	36	
Md.	840	2.5	23	0.5	5	9.	83	10.	84	
Va.	3,885	10.	437	0.5	22	11.	481	10.	389	
N. C.	7,905	8.	719	2.	180	12.	1,079	20.	1,581	
S. C.	4,648	t	-	2.	95	2.	95	10.	465	
Ga.	7,600	t	-	2.	155	2.	155	-	-	
Fla.	1,470	-	-	t	-	-	-	-	-	
Ky.	1,340	-	-	-	-	-	-	-	-	
Tenn.	4,500	-	-	-	-	-	-	-	-	
Ala.	5,396	-	-	-	-	-	-	-	-	
Miss.	5,670	-	-	-	-	-	-	-	-	
Ark.	2,380	5.	137	5.	137	13.	356	15.	357	
La.	5,180	-	-	-	-	-	-	-	-	
Okla.	1,404	-	-	-	-	-	-	-	-	
Tex.	6,240	1.	77	10.	771	19.1	1,473	10.	624	
Calif.	950	t	-	-	-	-	-	-	-	
U. S.	65,073	3.9	1,650	3.4	1,449	9.6	4,095	12.1	3,711	

## 1931 - POTATOES

Estimated reduction in yield of potatoes due to diseases, 1931

State	: Production:		Estimated reduction in yield due to diseases							
	1,000	:	Mosaic		Leaf Roll		Late Blight		Rhizoctonia	
	Bushels	:	1,000	%	1,000	%	1,000	%	1,000	%
Maine	50,960	:	-	-	-	-	7.	3,836	-	-
N. H.	1,485	:	-	-	-	-	-	-	-	-
Vt.	2,550	:	-	-	-	-	-	-	-	-
Mass.	1,625	:	8.	241	5.	150	10.	301	10.	301
R. I.	300	:	-	-	-	-	-	-	-	-
Conn.	1,920	:	-	-	-	-	-	-	-	-
N. Y.	28,684	:	4.	1,725	5.	2,157	t	-	4.	1,725
N. J.	7,831	:	-	-	2.	183	0	0	1.5	137
Pa.	26,549	:	-	-	-	-	-	-	-	-
Ohio	11,220	:	2.	277	5.	693	t	-	2.	277
Ind.	4,930	:	-	-	3.	152	0	0	-	-
Ill.	4,675	:	-	-	-	-	0	0	-	-
Mich.	23,750	:	1.	315	1.	315	0	0	0.5	158
Wis.	24,924	:	0.5	136	t	-	0	0	1.	272
Minn.	28,830	:	5.	1,925	-	-	0	0	4.	1,540
Iowa	4,455	:	-	-	-	-	0	0	-	-
Mo.	3,675	:	2.	83	-	-	0	0	1.8	75
N. D.	8,436	:	1.	88	t	-	0	0	0.5	44
S. D.	2,160	:	t	-	t	-	0	0	t	-
Neb.	6,812	:	-	-	-	-	0	0	-	-
Kans.	3,634	:	t	-	-	-	0	0	6.	180
Del.	540	:	0.5	3	0.5	3	-	-	t	-
Md.	3,360	:	2.	81	2.	81	2.	81	5.	202
Va.	14,160	:	2.	378	5.	944	0	0	7.	1,322
W. Va.	3,200	:	3.	185	10.	615	0	0	1.	62
N. C.	8,532	:	-	-	-	-	-	-	t	-
S. C.	3,550	:	-	-	-	-	-	-	-	-
Ga.	1,224	:	-	-	-	-	-	-	-	-
Fla.	3,640	:	t	-	t	-	1.	44	10.	439
Ky.	3,960	:	2.	86	0.5	22	-	-	1.	43
Tenn.	3,021	:	-	-	-	-	-	-	-	-
Ala.	3,666	:	-	-	-	-	-	-	-	-
Miss.	1,134	:	-	-	-	-	-	-	-	-
Ark.	3,784	:	5.	296	t	-	0	0	t	-
La.	3,936	:	-	-	-	-	0	0	-	-
Okla.	3,240	:	-	-	-	-	0	0	-	-
Tex.	4,891	:	2.	112	0.1	6	3.	168	1.	56
Mont.	1,805	:	5.	107	-	-	0	0	3.	64
Idaho	24,200	:	-	-	-	-	0	0	-	-
Wyo.	3,360	:	-	-	-	-	0	0	-	-
Colo.	9,595	:	-	-	-	-	0	0	t	-
N. M.	385	:	-	-	-	-	0	0	-	-
Ariz.	255	:	-	-	-	-	0	0	-	-
Utah	1,950	:	-	-	-	-	0	0	-	-
Nev.	300	:	-	-	-	-	0	0	-	-
Wash.	6,820	:	-	-	-	-	-	-	-	-
Oreg.	5,460	:	-	-	-	-	-	-	-	-
Calif.	6,825	:	-	-	-	-	-	-	-	-
U. S.	376,248	:	2.	6,038	1.7	5,321	1.4	4,430	2.3	6,897

1931 - Potatoes (continued)

301  
1,725  
137  
277  
158  
272  
1,540  
75  
44  
180  
202  
1,322  
62  
139  
45

State	Estimated reduction in yield due to diseases											
	Blackleg		Fusarium Wilt		Tipburn and Hopperburn		Early Blight		Scab		All Diseases	
	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels
Maine	-	-	-	-	-	-	-	-	-	-	7.	3.
N. H.	-	-	-	-	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-	-	-	-	-
Mass.	t	-	-	-	10.	301	3.	90	t	-	46.	1.
R. I.	-	-	-	-	-	-	-	-	-	-	-	-
Conn.	-	-	-	-	-	-	-	-	-	-	-	-
N. Y.	t	-	t	-	15.	6,470	-	-	5.	2,157	33.5	14.
N. J.	-	-	-	-	8.	733	-	-	3.	275	14.5	1.
Pa.	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	0.5	69	0.2	28	7.	970	2.	277	0.3	42	19.	2.
Ind.	-	-	-	-	-	-	-	-	-	-	3.	-
Ill.	-	-	-	-	-	-	-	-	-	-	-	-
Mich.	1.	315	0.1	32	5.	1,577	0.1	32	1.	315	24.7	7.
Wis.	t	-	0.5	136	5.	1,362	t	-	t	-	8.5	2.
Minn.	1.	385	2.	770	5.	1,925	t	-	3.	1,155	25.	9.
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Mo.	1.	41	t	-	1.5	62	-	-	2.5	104	11.3	-
N. D.	1.	88	-	-	1.	88	t	-	-	-	4.5	-
S. D.	-	-	-	-	-	-	-	-	5.	114	5.	-
Nebr.	-	-	-	-	-	-	-	-	-	-	-	-
Kans.	2.	60	t	-	-	-	-	-	2.	60	12.	-
Del.	-	-	t	-	0.5	3	t	-	-	-	3.5	-
Md.	0.5	20	2.	81	0.5	20	0.5	20	2.5	101	17.	-
Va.	1.	139	-	-	0	0	10.	1,838	-	-	25.	4.
W. Va.	2.5	154	1.5	92	30.	1,846	t	-	t	-	48.	2.
N. C.	1.	88	-	-	-	-	t	-	1.	88	3.	-
S. C.	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	-	-	-	-	-	-	-	-	-	-	-	-
Fla.	t	-	-	-	-	-	1.	44	0.5	22	17.	-
Ky.	3.	129	-	-	1.	43	-	-	-	-	8.	-
Tenn.	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	-	-	-	-	30.	1,774	t	-	-	-	36.	2.
La.	-	-	-	-	-	-	-	-	-	-	-	-
Okla.	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	t	-	0.5	28	0.5	28	1.	56	2.	112	12.6	-
Mont.	1.	21	4.	86	1.	21	0	0	-	-	16.	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-	-	-	-	-
Colo.	-	-	-	-	-	-	-	-	-	-	-	-
N. Mex.	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	-	-	-	-	-	-	-	-	-	-	-	-
Oreg.	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	0.5	1,559	0.4	1,253	5.6	17,223	0.8	2,407	1.5	4,545	18.8	57.

Estimated reduction in yield of potatoes due to diseases, 1932

State	Estimated reduction in yield due to diseases									
	: Production:									
	: 1,000	: Mosaic		: Leaf Roll		: Late Blight		: Rhizoctonia		
: Bushels	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	
	%	: Bushels:	%	: Bushels:	%	: Bushels:	%	: Bushels:	%	
Me.	40,460:	3.:	1,812:	1.:	604:	15.:	9,058:	3.:	1,812	
N. H.	1,320:	3.:	50:	3.:	50:	1.:	17:	1.:	17	
Vt.	2,320:	-:	-:	-:	-:	-:	-:	-:	-	
Mass.	1,950:	-:	-:	-:	-:	1.5:	36:	8.:	193	
R. I.	320:	-:	-:	-:	-:	-:	-:	-:	-	
Conn.	1,980:	0.5:	10:	-:	-:	0.5:	10:	0.3:	6	
N. Y.	23,350:	5.:	2,054:	6.:	2,465:	t:	-:	4.:	1,643	
N. J.	7,155:	-:	-:	-:	-:	-:	-:	-:	-	
Pa.	21,450:	1.:	367:	14.:	5,142:	t:	-:	2.5:	918	
Ohio	11,583:	1.5:	216:	5.:	720:	t:	-:	2.:	288	
Ind.	5,490:	-:	-:	-:	-:	-:	-:	-:	-	
Ill.	4,860:	-:	-:	-:	-:	-:	-:	-:	-	
Mich.	29,900:	1.:	340:	1.:	340:	t:	-:	0.5:	170	
Wis.	22,620:	t:	-:	0:	0:	0:	0:	1.:	245	
Minn.	29,562:	5.:	1,895:	-:	-:	t:	-:	4.:	1,516	
Iowa	8,140:	7.:	679:	-:	-:	0:	0:	5.:	485	
Mo.	5,600:	-:	-:	-:	-:	0:	0:	-:	-	
N. D.	9,333:	1.:	99:	1.:	99:	0:	0:	0.5:	50	
S. D.	5,110:	-:	-:	-:	-:	0:	0:	-:	-	
Nebr.	8,775:	-:	-:	-:	-:	0:	0:	-:	-	
Kans.	5,148:	t:	-:	-:	-:	0:	0:	6.:	345	
Del.	516:	-:	-:	-:	-:	-:	-:	-:	-	
Md.	2,852:	3.:	104:	3.:	104:	1.5:	52:	4.:	139	
Va.	9,682:	1.:	105:	7.:	737:	0:	0:	t:	-	
W. Va.	3,435:	5.:	311:	10.:	622:	-:	-:	5.:	311	
N. C.	6,596:	2.:	150:	t:	-:	t:	-:	t:	-	
S. C.	1,445:	t:	-:	t:	-:	0:	0:	t:	-	
Ga.	1,003:	-:	-:	-:	-:	-:	-:	-:	-	
Fla.	1,541:	1.:	17:	0.5:	8:	2.:	34:	2.:	34	
Ky.	4,620:	-:	-:	-:	-:	-:	-:	-:	-	
Tenn.	3,657:	-:	-:	-:	-:	-:	-:	-:	-	
Ala.	2,484:	-:	-:	-:	-:	-:	-:	-:	-	
Miss.	980:	-:	-:	-:	-:	-:	-:	-:	-	
Ark.	2,627:	5.:	209:	t:	-:	0:	0:	1.:	42	
La.	2,160:	4.:	94:	t:	-:	0:	0:	t:	-	
Okla.	3,108:	-:	-:	-:	-:	0:	0:	-:	-	
Tex.	4,154:	0.5:	23:	0.1:	4:	0.5:	23:	1.:	45	
Mont.	2,244:	5.:	129:	0:	0:	0:	0:	5.:	129	
Idaho	19,800:	-:	-:	-:	-:	0:	0:	-:	-	
Wyo.	1,485:	-:	-:	-:	-:	0:	0:	-:	-	
Colo.	11,000:	2.:	237:	-:	-:	0:	0:	3.:	355	
N. M.	510:	-:	-:	-:	-:	0:	0:	-:	-	
Ariz.	270:	-:	-:	-:	-:	0:	0:	-:	-	
Utah	2,250:	-:	-:	-:	-:	0:	0:	-:	-	
Nev.	300:	-:	-:	-:	-:	0:	0:	-:	-	
Wash.	6,400:	-:	-:	-:	-:	-:	-:	-:	-	
Oreg.	5,040:	-:	-:	-:	-:	-:	-:	-:	-	
Calif.	6,369:	-:	-:	2.:	133:	t:	-:	2.:	133	
U. S.	358,009:	2.5:	8,901:	3.1:	11,023:	2.6:	9,230:	2.5:	8,876	

1932 - Potatoes (continued)

State	Estimated reduction in yield due to diseases											
	Blackleg		Wilt		Hopperburn		Blight		Scab		All Diseases	
	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels
Maine	1.	604	0	0	t	-	t	-	-	-	33.	19.
N. H.	1.	17	-	-	10.	167	2.	33	-	-	21.	
Vt.	-	-	-	-	-	-	-	-	-	-	-	-
Mass.	-	-	-	6.	144	3.	72	0.5	12	19.		
R. I.	-	-	-	-	-	-	-	-	-	-	-	-
Conn.	0.3	6	0.3	6	1.	21	0.5	10	-	-	4.9	
N. Y.	t	-	-	-	15.	6,163	1.	411	-	-	31.	12.
N. J.	-	-	-	-	-	-	-	-	-	-	-	-
Pa.	0.1	37	1.	367	20.	7,346	t	-	-	-	41.6	15.
Ohio	0.4	58	0.2	29	8.	1,153	2.	288	-	-	19.6	2.
Ind.	-	-	-	-	-	-	-	-	-	-	-	-
Ill.	-	-	-	-	-	-	-	-	-	-	-	-
Mich.	1.	340	-	-	1.	340	5.	1,699	-	-	12.	4.
Wis.	0.2	49	0.5	123	5.	1,225	t	-	-	-	7.7	1.
Minn.	1.	379	2.	758	5.	1,895	t	-	-	-	22.	8.
Iowa	0.1	10	-	-	3.	291	-	-	-	-	16.1	1.
Mo.	-	-	-	-	-	-	-	-	-	-	-	-
N. D.	1.	99	0.7	69	0.5	50	t	-	-	-	5.7	
S. D.	-	-	-	-	-	-	-	-	-	-	-	-
Neb.	-	-	-	-	-	-	-	-	-	-	-	-
Kans.	1.	58	-	-	-	-	-	1.5	86	10.5		
Del.	-	-	-	-	-	-	-	-	-	-	-	-
Md.	0.5	17	2.	70	0.5	17	0.5	17	3.	104	18.	
Va.	-	-	-	-	-	-	t	-	-	-	8.	
W. Va.	2.	124	2.	124	15.	933	t	-	-	-	44.	2.
N. C.	2.	150	-	-	2.	150	3.	225	-	-	12.	
S. C.	-	-	-	-	-	-	t	-	-	-	t	
Ga.	-	-	-	-	-	-	-	-	-	-	-	-
Fla.	t	-	-	-	-	-	0.5	8	0.5	8	3.5	
Ky.	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	t	-	-	-	30.	1,251	t	-	-	-	37.	1.
La.	t	-	-	-	1.	23	2.	47	-	-	3.	
Okla.	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	-	-	0.5	23	1.	45	1.	45	-	-	3.	
Mont.	t	-	3.	77	t	-	t	-	-	-	13.	
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-	-	-	-	-
Colo.	-	-	2.	237	-	-	-	-	-	-	7.	
N. M.	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	-	-	-	-	-	-	-	-	-	-	10.	
Oreg.	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	-	-	-	-	-	-	-	t	-	-	4.	
U. S.	0.6	1,948	0.5	1,833	6.1	21,214	0.8	2,355	t	210	22.3	78.

## 1933 - POTATOES

Estimated reduction in yield of potatoes due to diseases, 1933												
State	Production:		Estimated reduction in yield due to diseases									
	1,000	:	Mosaic	:	Leaf Roll	:	Late Blight	:	Rhizoctonia			
	Bushels	:	1,000	:	1,000	:	1,000	:	1,000			
	:	%	:	Bushels:	:	%	:	Bushels:	:	%	:	Bushels
Maine	42,000:	1.	469:	2.	939:	2.	939:	4.5:	2,112			
N. H.	1,440:	-	-:	-	-:	-	-:	-	-			
Vt.	1,950:	-	-:	-	-:	-	-:	-	-			
Mass.	2,325:	5.	179:	5.	179:	5.	179:	8.	286			
R. I.	370:	-	-:	-	-:	-	-:	-	-			
Conn.	2,080:	0.5:	11:	-	-:	1.	22:	-	-			
N. Y.	24,600:	-	-:	-	-:	-	-:	-	-			
N. J.	7,216:	-	-:	-	-:	-	-:	-	-			
Pa.	21,357:	3.	922:	12.	3,687:	0.5:	154:	3.	922			
Ohio	8,064:	1.5:	151:	5.	503:	t	-:	2.	201			
Ind.	3,192:	-	-:	-	-:	-	-:	-	-			
Ill.	1,534:	-	-:	-	-:	-	-:	-	-			
Mich.	20,670:	0.2:	47:	1.	236:	0	0:	1.	236			
Wis.	16,730:	t	-:	t	-:	0	0:	0.5:	94			
Minn.	22,712:	3.	908:	-	-:	0	0:	3.	908			
Iowa	5,100:	5.	287:	-	-:	-	-:	5.	287			
Mo.	2,308:	1.	30:	-	-:	-	-:	1.5:	45			
N. D.	3,400:	1.	39:	1.	89:	0	0:	0.6:	53			
S. D.	2,480:	-	-:	-	-:	-	-:	-	-			
Nebr.	8,625:	-	-:	-	-:	-	-:	-	-			
Kans.	2,436:	t	-:	-	-:	-	-:	6.	162			
Del.	444:	0.5:	2:	-	-:	-	-:	t	-			
Md.	2,700:	2.5:	90:	2.5:	90:	2.	72:	5.	130			
Va.	3,649:	3.	273:	2.	182:	0	0:	t	-			
W. Va.	2,331:	3.	109:	10.	364:	t	-:	4.	146			
N. C.	7,315:	1.	81:	1.	81:	t	-:	1.	81			
S. C.	1,744:	-	-:	-	-:	-	-:	-	-			
Ga.	1,026:	-	-:	-	-:	-	-:	-	-			
Fla.	2,232:	1.	29:	-	-:	15.	438:	4.	117			
Ky.	4,092:	-	-:	-	-:	-	-:	-	-			
Tenn.	3,762:	-	-:	-	-:	-	-:	-	-			
Ala.	2,304:	-	-:	-	-:	-	-:	-	-			
Miss.	306:	-	-:	-	-:	-	-:	-	-			
Ark.	2,613:	5.	134:	t	-:	0	0:	1.	37			
La.	2,337:	-	-:	-	-:	-	-:	-	-			
Okla.	2,520:	-	-:	-	-:	-	-:	-	-			
Tex.	3,648:	1.	41:	1.	41:	0.1:	4:	2.	82			
Mont.	1,955:	5.	110:	0	0:	0	0:	4.	88			
Idaho	19,504:	-	-:	-	-:	-	-:	-	-			
Wyo.	3,007:	-	-:	-	-:	-	-:	-	-			
Colo.	13,050:	-	-:	-	-:	-	-:	-	-			
N. M.	640:	-	-:	-	-:	-	-:	-	-			
Ariz.	240:	-	-:	-	-:	-	-:	-	-			
Utah	2,100:	-	-:	-	-:	-	-:	-	-			
Nev.	250:	-	-:	-	-:	-	-:	-	-			
Wash.	7,380:	2.	155:	1.	73:	t	-:	1.	73			
Oreg.	6,435:	12.	978:	1.5:	122:	t	-:	6.	489			
Calif.	7,920:	-	-:	-	-:	-	-:	-	-			
U. S.	317,143:	2.1:	5,145:	2.7:	5,591:	0.3:	1,308:	2.7:	6,604			



Estimated reduction in yield due to diseases

State	Blackleg		Fusarium Wilt		Tipburn and Hopperburn		Early Blight		Scab		All Diseases	
	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels
Maine	1.0	469	-	-	0	0	-	-	-	-	10.5	4,900
N. H.	-	-	-	-	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-	-	-	-	-
Mass.	1.0	36	-	-	8	286	3	107	t	-	35	1,200
R. I.	-	-	-	-	-	-	-	-	-	-	-	-
Conn.	1.0	22	-	-	0.5	11	-	-	-	-	4	-
N. Y.	-	-	-	-	-	-	-	-	-	-	-	-
N. J.	-	-	-	-	-	-	-	-	-	-	-	-
Pa.	t	-	3	922	5	1,536	t	-	-	-	30.5	9,300
Ohio	0.4	40	0.2	20	8	804	2	201	0.5	50	19.8	1,900
Ind.	-	-	-	-	-	-	-	-	-	-	-	-
Ill.	-	-	-	-	-	-	-	-	-	-	-	-
Mich.	1.0	236	1	236	5	1,178	0.5	118	2	471	12.3	2,800
Wis.	t	-	0.5	94	5	940	t	-	-	-	11.0	2,000
Minn.	-	-	-	-	10	3,028	t	-	4	1,211	25	7,500
Iowa	-	-	-	-	-	-	-	1	57	11	-	600
Mo.	0.5	15	2	61	-	-	-	1	30	7.2	-	200
N. D.	1.0	89	0.6	53	0.2	18	t	-	t	-	5.4	400
S. D.	-	-	-	-	-	-	-	-	-	-	-	-
Nebr.	-	-	-	-	-	-	-	-	-	-	-	-
Kans.	t	-	-	-	-	-	-	2	54	10	-	200
Del.	-	-	-	-	t	-	t	-	-	-	0.5	-
Md.	0.5	18	5	180	3	108	0.5	18	3.5	126	25	900
Va.	-	-	-	-	-	-	t	-	-	-	5	400
W. Va.	1.0	36	3	109	10	364	t	-	-	-	36	1,300
N. C.	1.0	81	1	81	2	163	1	81	-	-	10	800
S. C.	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	-	-	-	-	-	-	-	-	-	-	-	-
Fla.	0.5	15	-	-	-	-	t	0.5	15	23.5	-	600
Ky.	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	t	-	0	0	20	736	t	-	-	-	29	1,000
La.	-	-	-	-	-	-	-	-	-	-	-	-
Okla.	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	-	-	1	41	1	41	3	123	-	-	11.1	400
Mont.	t	-	2	44	t	-	t	-	-	-	11	200
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-	-	-	-	-
Colo.	-	-	-	-	-	-	-	-	-	-	-	-
N. Mex.	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	t	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	t	-	t	-	t	-	t	-	-	-	5	300
Oreg.	0.5	41	-	-	t	-	-	1	81	21	-	1,700
Calif.	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	0.5	1,098	0.8	1,841	3.8	9,213	0.3	648	0.9	2,095	16.6	39,700

## 1931 - TOMATOES FOR MANUFACTURE

Estimated reduction in yield of tomatoes for manufacture due to diseases, 1931

State:	Estimated reduction in yield due to diseases										
	: Produc- : tion :	: Fusarium :									
	*Tons	Leaf Spot	Wilt	Early Blight	Mosaic	All Diseases	Tons	%	Tons	%	Tons
:	%	Tons	%	Tons	%	Tons	%	Tons	%	Tons	
N. Y.	: 91,500:	1.5:	1,460:	t :	- :	t :	- :	t :	- :	6. :	5,840
N. J.	: 132,000:	- :	- :	- :	- :	- :	- :	- :	- :	- :	-
Pa.	: 17,300:	- :	- :	- :	- :	- :	- :	- :	- :	- :	-
Ohio	: 51,800:	- :	- :	- :	- :	- :	- :	- :	- :	2. :	1,261
Ind.	: 192,000:	- :	- :	2. :	4,085:	2. :	4,085:	1. :	2,043:	6. :	12,256
Ill.	: 22,300:	- :	- :	- :	- :	- :	- :	- :	- :	- :	-
Mich.	: 14,000:	t :	- :	5. :	375:	t :	- :	- :	- :	20. :	3,500
Wis.	: :	1.5:	- :	t :	- :	t :	- :	- :	- :	2.5:	-
Iowa	: 23,000:	- :	- :	- :	- :	- :	- :	- :	- :	- :	-
Mo.	: 34,200:	1.5:	540:	2. :	720:	t :	- :	- :	- :	5. :	1,500
Kans.	: :	2. :	- :	3. :	- :	- :	- :	0.5:	- :	5.5:	-
Del.	: 23,600:	1. :	240:	0.5:	120:	t :	- :	- :	- :	1.5:	360
Md.	: 76,000:	0 :	0 :	0.5:	539:	7. :	7,546:	1. :	1,078:	29.5:	31,801
Va.	: 26,500:	0 :	0 :	5. :	1,602:	10. :	3,205:	- :	- :	17. :	5,443
W. Va.	: :	t :	- :	t :	- :	0 :	0 :	- :	- :	10. :	-
Fla.	: :	t :	- :	4.5:	- :	1. :	- :	- :	- :	15.5:	-
Ky.	: 16,000:	5. :	870:	- :	- :	3. :	522:	- :	- :	3. :	1,392
Tenn.	: 23,500:	- :	- :	- :	- :	- :	- :	- :	- :	- :	-
Ark.	: 40,300:	1.5:	724:	5. :	2,413:	t :	- :	- :	- :	16.5:	7,963
Tex.	: :	2. :	- :	3. :	- :	1. :	- :	- :	- :	11. :	-
Colo.	: 17,500:	- :	- :	- :	- :	- :	- :	- :	- :	- :	-
Utah	: 51,500:	- :	- :	1.5:	270:	- :	- :	- :	- :	4.5:	2,427
Calif.	: 87,100:	- :	- :	1.5:	1,390:	- :	- :	- :	- :	6. :	5,550
**Other:	: :	:	:	:	:	:	:	:	:	:	:
States:	26,200:	:	:	:	:	:	:	:	:	:	:
U. S. :	976,400:	0.5:	3,334:	1.5:	12,014:	1.9:	15,353:	0.4:	3,121:	10. :	79,605

\*Short tons of 2,000 pounds.

\*\*Including Connecticut, Georgia, Idaho, Kansas, Louisiana, Mississippi, Nebraska, New Mexico, Oklahoma, Oregon, South Carolina, Texas, Washington, West Virginia, Wisconsin, Florida.

1932 - TOMATOES FOR MANUFACTURE

Estimated reduction in yield of tomatoes for manufacture due to diseases,

State	Production *Tons	Estimated reduction in yield due to diseases									
		Leaf Spot		Fusarium Wilt		Early Blight		Mosaic		All Diseases	
		%	Tons	%	Tons	%	Tons	%	Tons	%	Tons
Conn.	-	-	-	0.5	-	0.5	-	-	-	-	4.
N. Y.	87,700	t	-	t	-	2.	1,876	t	-	6.5	6,0
N. J.	186,000	3.	5,753	-	-	-	-	-	-	3.	5,7
Pa.	29,900	t	-	2.	664	t	-	7.	2,325	10.	3,1
Ohio	60,400	2.	1,260	0.1	63	1.	630	-	-	4.1	2,5
Ind.	248,000	-	-	-	-	-	-	-	-	-	-
Ill.	17,300	-	-	-	-	-	-	-	-	-	-
Mich.	11,000	t	-	3.	344	1.	115	-	-	4.	4
Wis.	-	1.5	-	t	-	t	-	-	-	2.5	-
Iowa	11,100	0.2	23	t	-	-	-	0.2	23	1.7	1
Mo.	28,000	-	-	-	-	-	-	-	-	-	-
Kans.	-	1.	-	2.	-	-	-	-	-	3.	-
Del.	45,600	-	-	-	-	-	-	-	-	-	-
Md.	154,800	2.	3,459	1.	1,730	2.	3,459	1.	1,730	10.5	18,1
Va.	38,900	10.	4,863	10.	4,863	t	-	-	-	20.	9,7
W. Va.	-	2.	-	5.	-	t	-	-	-	22.	-
S. C.	-	5.	-	t	-	2.	-	-	-	16.	-
Fla.	-	t	-	10.	-	10.	-	-	-	32.	-
Ky.	8,100	-	-	-	-	-	-	-	-	-	-
Tenn.	14,300	-	-	-	-	-	-	-	-	-	-
Ark.	45,000	1.	536	5.	2,679	5.	2,679	-	-	16.	8,5
La.	-	t	-	3.	-	2.	-	-	-	16.	-
Tex.	-	2.	-	1.	-	1.	-	-	-	9.1	-
Colo.	10,800	-	-	1.	113	t	-	-	-	4.	1
Utah	24,600	-	-	1.	266	-	-	-	-	7.5	1,9
Wash.	-	-	-	t	-	-	-	-	-	15.	-
Calif.	149,800	-	-	1.	1,569	-	-	-	-	4.5	7,0
**Other	-	-	-	-	-	-	-	-	-	-	-
States:	28,000	-	-	-	-	-	-	-	-	-	-
U. S.	1,199,300	1.8	15,894	1.4	12,291	1.0	8,759	0.5	4,078	7.4	64,

\*Short tons of 2,000 pounds.

\*\*Including Connecticut, Georgia, Idaho, Kansas, Louisiana, Mississippi, Nebraska, New Mexico, Oklahoma, Oregon, South Carolina, Texas, Washington, West Virginia, Wisconsin, and Florida.

## 1933 - TOMATOES FOR MANUFACTURE

Estimated reduction in yield of tomatoes for manufacture due to diseases, 1933

State	*Tons	Estimated reduction in yield due to diseases									
		Leaf Spot		Fusarium Wilt		Early Blight		Mosaic		All Diseases	
		%	Tons	%	Tons	%	Tons	%	Tons	%	Tons
Conn.		0.5	-	-	-	0.5	-	-	-	6.	-
N. Y.	65,500	1.	712	t	-	1.5	1,068	t	-	8.	5,696
N. J.	89,100	-	-	-	-	-	-	-	-	-	-
Pa.	27,900	1.	300	1.	300	2.	600	-	-	7.	2,100
Ohio	70,600	2.	1,587	2.	1,587	0.5	397	-	-	11.	8,727
Ind.	212,000	t	-	0.1	217	0.5	1,083	-	-	2.1	4,548
Ill.	13,400	-	-	-	-	-	-	-	-	-	-
Mich.	18,500	0.5	96	3.	575	t	-	-	-	3.5	671
Wis.		1.5	-	t	-	t	-	-	-	2.5	-
Iowa	25,000	-	-	0.1	25	-	-	-	-	0.1	25
Mo.	42,000	2.5	1,160	5.	2,320	t	-	t	-	9.5	4,408
Kans.		t	-	2.	-	-	-	-	-	2.	-
Del.	21,200	0.5	107	t	-	-	-	-	-	0.5	107
Md.	98,800	0.5	716	0.2	286	1.5	2,148	0.5	716	31.	44,388
Va.	30,800	3.	1,004	5.	1,674	t	-	-	-	8.	2,678
W. Va.		2.	-	3.	-	t	-	0.5	-	10.5	-
Fla.		-	-	2.	-	-	-	-	-	8.	-
Ky.	8,800	-	-	-	-	-	-	-	-	-	-
Tenn.	21,100	-	-	-	-	-	-	-	-	-	-
Ark.	37,800	t	-	2.5	1,027	t	-	-	-	8.	3,286
Tex.		4.	-	3.	-	2.	-	-	-	20.	-
Colo.	9,500	-	-	-	-	-	-	-	-	-	-
Utah	31,700	-	-	2.	737	-	-	-	-	14.	5,160
Wash.		0	0	t	-	0	0	-	-	2.	-
Oreg.		-	-	-	-	-	-	-	-	2.	-
Calif.	135,000	-	-	0.5	699	-	-	-	-	3.5	4,896
** Other States	34,700	-	-	-	-	-	-	-	-	-	-
U. S.	993,400	0.6	5,682	1.	9,447	0.6	5,296	t	716	9.6	86,690

\*Short tons of 2,000 pounds.

\*\*Including Connecticut, Georgia, Idaho, Kansas, Louisiana, Mississippi, Nebraska, New Mexico, Oklahoma, Oregon, South Carolina, Texas, Washington, West Virginia, Wisconsin, Florida.

1931 - TOMATOES FOR MARKET

Estimated reduction in yield of tomatoes for market due to diseases, 1931

Disease : Tons	: Produc- tion :	Estimated reduction in yield due to diseases																
		Leaf Spot		Fusarium Wilt		Early Blight		Mosaic		All Disease								
		: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :							
	: *Bushels:	%	: Bushels:	%	: Bushels:	%	: Bushels:	%	: Bushels:	%	: Bushels:	%						
Mass.	:	1.	:	-	:	t	:	-	:	10.	:	-	:	0.5:	:	-	:	12.5:
N. Y.	:	638:	1.5:	10:	t	:	-	:	t	:	-	:	t	:	-	:	6.	:
N. J.	:	1,710:	-	:	-	:	-	:	-	:	-	:	t	:	-	:	-	:
Pa.	:	30:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	:
Ohio	:	433:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	2.	:
Ind.	:	792:	-	:	-	:	2.	:	17:	2.	:	17:	1.	:	8:	6.	:	
Ill.	:	283:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	:
Mich.	:	272:	t	:	-	:	5.	:	17:	t	:	-	:	-	:	20.	:	
Wis.	:	:	1.5:	:	-	:	t	:	-	:	t	:	-	:	-	:	2.5:	
Minn.	:	:	t	:	-	:	-	:	-	:	-	:	4.	:	-	:	4.	
Iowa	:	52:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Mo.	:	559:	1.5:	9:	2.	:	12:	t	:	-	:	-	:	-	:	5.	:	
N. D.	:	:	t	:	-	:	t	:	-	:	0.5:	:	-	:	-	:	1.5:	
Kans.	:	:	2.	:	-	:	3.	:	-	:	-	:	0.5:	:	-	:	5.5:	
Del.	:	14:	1.	:	-	:	0.5:	:	-	:	t	:	-	:	-	:	1.5:	
Md.	:	324:	0	:	0	:	0.5:	:	2:	7.	:	32:	1.	:	5:	29.5:		
Va.	:	420:	0	:	0	:	5.	:	25:	10.	:	51:	-	:	-	:	17.	
W. Va.	:	:	t	:	-	:	t	:	-	:	0	:	0	:	-	:	10.	
N. C.	:	90:	t	:	-	:	2.	:	2:	-	:	-	:	-	:	-	9.	
S. C.	:	170:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Ga.	:	60:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Fla.	:	2,020:	t	:	-	:	2.	:	46:	1.	:	23:	-	:	-	:	13.	
Ky.	:	139:	5.	:	10:	:	-	:	-	:	3.	:	6:	:	-	:	8.	
Tenn.	:	810:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Miss.	:	1,085:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Ark.	:	280:	1.5:	5:	5.	:	17:	t	:	-	:	-	:	-	:	16.5:		
La.	:	147:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Tex.	:	3,657:	2.	82:	3.	:	123:	1.	:	41:	-	:	-	:	-	:	11.	
Colo.	:	369:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Utah	:	88:	-	:	-	:	0.5:	:	-	:	-	:	-	:	-	:	4.5:	
Wash.	:	324:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Oreg.	:	51:	-	:	-	:	-	:	-	:	-	:	-	:	-	:	-	
Calif.	:	1,809:	-	:	-	:	1.5:	29:	-	:	-	:	-	:	-	:	6.	
U. S.	:	16,726:	0.9:	116:	2.2:	290:	1.3:	170:	0.1:	13:	10.6:	1,3						

\*Bushels of 56 pounds.

1932 - TOMATOES FOR MARKET

Estimated reduction in yield of tomatoes for market due to diseases, 1932

State	Estimated reduction in yield due to diseases											
	: Produc- tion :		Leaf Spot		Fusarium Wilt		Early Blight		Mosaic		All Diseases	
	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000
*Bushels:	%	Bushels:	%	Bushels:	%	Bushels:	%	Bushels:	%	Bushels:	%	Bushels:
N. H. :	-	-	-	-	-	10.	-	-	-	10.	-	-
Mass. :	-	-	-	-	-	5.	-	-	-	5.	-	-
Conn. :	-	-	0.5	-	0.5	-	-	-	-	4.	-	-
N. Y. :	920	t	-	t	-	2.	20	t	-	6.5	64	-
N. J. :	1,944	3.	60	-	-	-	-	-	-	3.	60	-
Pa. :	150	t	-	2.	3	t	-	7.	12	10.	17	-
Ohio :	440	2.	9	0.1	-	1.	5	-	-	4.1	19	-
Ind. :	780	-	-	-	-	-	-	-	-	-	-	-
Ill. :	424	-	-	-	-	-	-	-	-	-	-	-
Mich. :	332	t	-	3.	10	1.	3	-	-	4.	13	-
Wis. :	-	1.5	-	t	-	t	-	-	-	2.5	-	-
Minn. :	-	t	-	0	0	t	-	-	-	3.	-	-
Iowa :	72	0.2	-	t	-	-	-	0.2	-	1.7	1	-
Mo. :	302	-	-	-	-	-	-	-	-	-	-	-
N. D. :	-	t	-	t	-	t	-	-	-	3.5	-	-
Kans. :	-	1.	-	2.	-	-	-	0.5	-	3.5	-	-
Del. :	25	-	-	-	-	-	-	-	-	-	-	-
Md. :	330	2.	7	1.	4	2.	7	1.	4	10.5	39	-
Va. :	480	10.	60	10.	60	t	-	-	-	20.	120	-
W. Va. :	-	2.	-	5.	-	t	-	-	-	22.	-	-
N. C. :	104	1.	1	5.	7	1.	1	-	-	22.	29	-
S. C. :	152	5.	9	-	-	2.	4	-	-	16.	29	-
Ga. :	28	-	-	-	-	-	-	-	-	-	-	-
Fla. :	2,255	t	-	10.	332	10.	332	-	-	32.	1,062	-
Ky. :	250	-	-	-	-	-	-	-	-	-	-	-
Tenn. :	972	-	-	-	-	-	-	-	-	-	-	-
Miss. :	1,140	-	-	-	-	-	-	-	-	-	-	-
Ark. :	250	1.	3	5.	15	5.	15	-	-	16.	43	-
La. :	125	t	-	3.	4	2.	3	-	-	16.	23	-
Tex. :	2,230	2.	49	1.	25	1.	25	-	-	9.1	224	-
Mont. :	-	0	0	0	0	t	-	-	-	0.5	-	-
Colo. :	432	-	-	1.	5	t	-	-	-	4.	19	-
Utah :	67	-	-	1.	-	-	-	-	-	7.5	5	-
Wash. :	307	0	0	t	-	0	0	-	-	15.	54	-
Oreg. :	132	-	-	-	-	-	-	-	-	-	-	-
Calif. :	2,499	-	-	1.	26	-	-	-	-	4.5	113	-
U. S. :	17,642	1.3	198	3.2	491	2.3	415	0.1	16	12.9	1,944	-

\*Bushels of 56 pounds.

1933 - TOMATOES FOR MARKET

Estimated reduction in yield of tomatoes for market due to diseases, 1933

State	:Product-: Estimated reduction in yield due to diseases									
	:tion : Leaf Spot		:Fusarium Wilt:		:Early Blight:		:Mosaic		:All Disea	
	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :
	*Bushels:	%	Bushels:	%	Bushels:	%	Bushels:	%	Bushels:	%
Maine	:	-	:	-	:	t	:	-	:	15.
Mass.	:	1.	:	t	:	8.	:	1.5:	:	46.5:
Conn.	:	0.5:	:	-	:	0.5:	:	-	:	6.
N. Y.	:	968:	:	11:	:	t	:	1.5:	:	16:
N. J.	:	1,350:	:	-	:	-	:	-	:	-
Pa.	:	98:	:	1:	:	1:	:	2:	:	-
Ohio	:	408:	:	2:	:	9:	:	0.5:	:	2:
Ind.	:	600:	:	t:	:	0.1:	:	1:	:	0.5:
Ill.	:	274:	:	-	:	-	:	-	:	-
Mich.	:	403:	:	0.5:	:	2:	:	3:	:	t
Wis.	:	:	:	1.5:	:	-	:	t	:	-
Minn.	:	:	:	-	:	-	:	-	:	-
Iowa	:	77:	:	-	:	0.1:	:	-	:	-
Mo.	:	588:	:	2.5:	:	16:	:	5:	:	33:
N. D.	:	:	:	-	:	t	:	-	:	-
Kans.	:	:	:	t	:	-	:	-	:	-
Del.	:	16:	:	0.5:	:	-	:	t	:	-
Md.	:	364:	:	0.5:	:	3:	:	0.2:	:	1:
Va.	:	315:	:	3:	:	10:	:	5:	:	17:
N. C.	:	75:	:	t	:	-	:	10:	:	1:
S. C.	:	80:	:	-	:	-	:	-	:	-
Ga.	:	8:	:	-	:	-	:	-	:	-
Fla.	:	2,345:	:	-	:	2:	:	51:	:	-
Ky.	:	247:	:	-	:	-	:	-	:	-
Tenn.	:	660:	:	-	:	-	:	-	:	-
Miss.	:	927:	:	-	:	-	:	-	:	-
Ark.	:	147:	:	t	:	-	:	2.5:	:	4:
La.	:	141:	:	-	:	-	:	-	:	-
Tex.	:	2,622:	:	4:	:	131:	:	3:	:	98:
Colo.	:	396:	:	-	:	-	:	-	:	-
Utah	:	92:	:	-	:	.5:	:	-	:	-
Wash.	:	324:	:	0	:	0	:	t	:	-
Oreg.	:	101:	:	-	:	-	:	-	:	-
Calif.	:	1,870:	:	-	:	.5:	:	10:	:	-
U. S.	:	15,496:	:	1.4:	:	183:	:	1.9:	:	248:
	:		:		:		:	0.8:	:	98:
	:		:		:		:	t	:	3:
	:		:		:		:		:	11.
	:		:		:		:		:	1,

\*Bushels of 56 pounds.

## 1931 - DRY BEANS

Estimated reduction in yield of dry beans due to diseases, 1931

State	Estimated reduction in yield due to diseases											
	:Production:	:Bacterial:										:
	: 1,000 :	: Anthracnose:		: Blight :		: Mosaic :		: Root Rots :		: All Diseases		
	: *Bags :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	
	: % :	: Bags :	: % :	: Bags :	: % :	: Bags :	: % :	: Bags :	: % :	: Bags :	: % :	: Bags :
Maine	: 84:	- :	- :	- :	- :	- :	- :	- :	- :	- :	- :	- :
Vt.	: 24:	- :	- :	- :	- :	- :	- :	- :	- :	- :	- :	- :
N. Y.	: 1,296:	1. :	14:	5. :	70:	2. :	28:	- :	- :	8. :	112	
Mich.	: 3,429:	0 :	0 :	10. :	385:	t :	- :	t :	- :	11. :	424	
Wis.	: 17:	1. :	- :	5. :	1:	1. :	- :	t :	- :	7. :	1	
Minn.	: 27:	t :	- :	2. :	1:	2. :	1:	t :	- :	5. :	2	
Nebr.	: 63:	- :	- :	- :	- :	- :	- :	- :	- :	- :	- :	
Kans.	: 30:	- :	- :	- :	- :	- :	- :	- :	- :	- :	- :	
Mont.	: 355:	0 :	0 :	5. :	19:	2. :	8:	t :	- :	7. :	27	
Idaho	: 2,083:	0 :	0 :	- :	- :	6. :	136:	- :	- :	8. :	181	
Wyo.	: 377:	0 :	0 :	5. :	21:	3. :	12:	t :	- :	8. :	33	
Colo.	: 906:	0 :	0 :	2. :	19:	3. :	29:	t :	- :	6. :	58	
N. Mex.	: 644:	0 :	0 :	- :	- :	- :	- :	- :	- :	- :	- :	
Ariz.	: 34:	0 :	0 :	- :	- :	- :	- :	- :	- :	- :	- :	
Oreg.	: 7:	0 :	0 :	- :	- :	7.5:	1:	- :	- :	7.5:	1	
Calif.	: 3,467:	0 :	0 :	- :	- :	t :	- :	- :	- :	- :	- :	
U. S.	: 12,843:	0.1:	14:	5.5:	516:	2.3:	215:	t :	- :	8.9:	839	

\*Bags of 100 pounds.



1932 - DRY BEANS

Estimated reduction in yield of dry beans due to diseases, 1932

State	Estimated reduction in yield due to diseases										
	Production : 1,000 *Bags	Anthracnose : 1,000 %	Bacterial Blight : 1,000 %	Mosaic : 1,000 %	Root Rots : 1,000 %	All Diseases : 1,000 %					
Maine	62	5.	3	1.	1	t	-	t	-	6.	
Vt.	17	-	-	-	-	-	-	-	-	-	
N. Y.	855	1.	9	2.5	23	t	-	2.	18	4.5	
Mich.	4,455	t	-	5.	237	t	-	t	-	6.	
Wis.	23	0.5	-	3.	-	1.	-	t	-	4.5	
Minn.	25	t	-	1.	-	2.	1.	t	-	4.	
Nebr.	101	-	-	-	-	-	-	-	-	-	
Kans.	25	-	-	-	-	-	-	-	-	-	
Mont.	259	0	0	0.5	1	4.	11	2.	6	6.5	
Idaho	1,060	0	0	-	-	8.	92	-	-	8.	
Wyo.	188	0	0	5.	10	4.	8	-	-	9.	
Colo.	438	0	0	40.	302	1.	8	1.	8	42.	
N. Mex.	408	0	0	-	-	-	-	-	-	-	
Ariz.	36	0	0	-	-	-	-	-	-	-	
Oreg.	4	0	0	-	-	-	-	-	-	-	
Calif.	2,484	0	0	-	-	-	-	-	-	-	
U. S.	10,440	0.1	12	7.	574	1.5	120	0.4	32	9.6	

Bags of 100 pounds.

1933 - DRY BEANS

Estimated reduction in yield of dry beans due to diseases, 1933

State	Estimated reduction in yield due to diseases										
	Production	Anthracnose		Bacterial Blight		Mosaic		Root Rots		All Diseases	
	: 1,000 : *Bags	: 1,000 : %	: 1,000 : Bags	: 1,000 : %	: 1,000 : Bags	: 1,000 : %	: 1,000 : Bags	: 1,000 : %	: 1,000 : Bags	: 1,000 : %	: 1,000 : Bags
Maine	73:15.	13:	-	-	-	-	-	-	-	15.:	13
Vt.	16:-	-	-	-	-	-	-	-	-	-	-
N. Y.	842: 0.5:	6:30.	366:	t	-	0.5:	6:31.	378			
Mich.	3,519: t	-	5:	185:	t	-	t	-	5:	185	
Wis.	20: t	-	3:	1:	1.	-	t	-	4:	1	
Minn.	29:-	-	-	-	-	-	-	-	-	-	
Nebr.	115:-	-	-	-	-	-	-	-	-	-	
Kans.	47:-	-	-	-	-	-	-	-	-	-	
Mont.	336: 0:	0:	3:	11:	4:	14:	t	-	7:	25	
Idaho	1,670: 0:	0:	-	-	10:	186:	t	-	10:	186	
Wyo.	313: 0:	0:	3:	10:	4:	13:	t	-	7:	23	
Colo.	1,138: 0:	0:	10:	132:	4:	53:	t	-	14:	135	
N. Mex.	598: 0:	0:	-	-	-	-	-	-	-	-	
Ariz.	38: 0:	0:	-	-	-	-	-	-	-	-	
Oreg.	6: 0:	0:	-	-	10:	1:	-	-	10:	1	
Calif.	3,520: 0:	0:	-	-	-	-	-	-	-	-	
U. S.	12,280: 0.2:	19:	7.9:	705:	3:	267:	t	-6:	11.1:	997	

\*Bags of 100 pounds.

1931 - SNAP BEANS\*\*

Estimated reduction in yield of snap beans due to diseases, 1931

State	Estimated reduction in yield due to diseases									
	Production : 1,000 Bushels	Anthracnose : %	Bacterial Blight : Bushels	Bacterial Blight : %	Mosaic : Bushels	Mosaic : %	Root Rots : Bushels	Root Rots : %	All Diseases : Bushels	All Diseases : %
Maine	225	-	-	-	-	-	-	-	-	-
Mass.		3	5	t		t		10		
N. Y.	1,317	1	18	5	89	15	267	5	89	26
N. J.	1,077	-	-	-	-	-	-	-	-	-
Pa.	457	-	-	-	-	-	-	-	-	-
Ind.	50	-	-	-	-	-	-	-	-	-
Ill.	38	-	-	-	-	-	-	-	-	-
Mich.	499	0	0	10	56	t		t		11
Wis.	717	1	8	5	39	1	8	t		7
Minn.		t		2		2		t		5
Mo.		2.5						t		2.5
N. D.		t				1				
Del.	240	t		t						0.5
Md.	1,523	0.5	8	1	16	0.5	8	2.5	40	4.5
Va.	253	t		30	129	2	9	5	21	41
W. Va.		2		5		1.5				8.5
N. C.	635	-	-	-	-	-	-	1	6	2
S. C.	520	t				2	12	10	59	12
Ga.	138	-	-	-	-	1	1	-	-	1
Fla.	3,376	2	80	4	161	1	40	5	201	16
Tenn.	225	-	-	-	-	-	-	-	-	-
Ala.	63	-	-	-	-	-	-	-	-	-
Miss.	330	-	-	-	-	-	-	-	-	-
Ark.	188	t		1	2	t		t		2.5
La.	831	-	-	-	-	-	-	-	-	-
Tex.	614	t		3	20	1	7	1	7	10
Mont.		0	0	5		2				7
Idaho		0	0	-		5		t		5
Wyo.		0	0	1		3		t		4
Colo.	474	0	0	40	338	3	25	t		44
Utah	50	0	0	t		2	1			2
Wash.	150	0	0	-		-	-	-	-	-
Oreg.	133	0	0	-		7.5	11	-		7.5
Calif.	659	0	0	-		1	7	-		1
Other States	658	-	-	-	-	-	-	-	-	-
U. S.	15,440	0.9	114	6.4	850	3	396	3.2	423	15.3

\*Bushels, 24 pounds.

\*\*Includes snap beans for manufacture and for market.

## 1932 - SNAP BEANS\*\*

Estimated reduction in yield of snap beans due to diseases, 1932

State	Estimated reduction in yield due to diseases										
	Production	Anthracnose		Bacterial Blight		Mosaic		Root Rots		All Diseases	
	: 1,000 *Bushels:	: 1,000 :	: % : Bushels:	: 1,000 :	: % : Bushels:	: 1,000 :	: % : Bushels:	: 1,000 :	: % : Bushels:	: 1,000 : Bushels:	
Maine	100	-	-	-	-	-	-	-	-	-	
Conn.	0.5	-	-	-	-	-	-	-	1.	-	
N. Y.	866	1.	10	2.5	26	8.	83	5.	52	16.5	171
N. J.	1,240	-	-	-	-	-	-	-	-	-	-
Pa.	341	5.	20	1.	4	2.	8	4.	16	13.	52
Ohio	0.5	-	0.5	-	1.	-	0.5	-	3.	-	-
Ind.	100	-	-	-	-	-	-	-	-	-	-
Ill.	60	-	-	-	-	-	-	-	-	-	-
Mich.	431	t	-	5.	33	30.	199	-	-	35.	232
Wis.	425	0.5	2	3.	13	1.	4	t	-	4.5	19
Minn.	t	-	-	-	-	2.	-	-	-	2.	-
Iowa	-	-	-	8.	-	1.	-	-	-	9.	-
N. D.	t	-	-	t	-	2.	-	-	-	3.	-
Del.	83	-	-	-	-	-	-	-	-	-	-
Md.	1,122	0.5	6	3.	36	1.	12	2.5	30	7.	84
Va.	454	0	0	0.5	2	2.	10	2.	10	5.5	27
W. Va.	5	-	-	10.	-	2.	-	3.	-	25.	-
N. C.	546	0	0	t	-	t	-	1.	6	2.	12
S. C.	546	t	-	t	-	t	-	10.	64	15.	96
Ga.	165	-	-	-	-	-	-	-	-	-	-
Fla.	4,508	4.	231	3.	173	1.	58	8.	462	22.	1,272
Tenn.	157	-	-	-	-	-	-	-	-	-	-
Ala.	65	-	-	-	-	-	-	-	-	-	-
Miss.	421	-	-	-	-	-	-	-	-	-	-
Ark.	152	t	-	1.	2	t	-	t	-	2.5	5
La.	698	t	-	12.	102	t	-	6.	51	18.	153
Tex.	895	0.1	1	8.	94	3.	35	3.	35	24.1	283
Mont.	0	0	0	8.	-	2.	-	t	-	10.	-
Idaho	0	0	0	-	-	10.	-	t	-	10.	-
Wyo.	0	0	0	10.	-	2.	-	t	-	12.	-
Colo.	354	0	0	40.	240	1.	6	t	-	41.	246
Utah	67	0	0	2.	1	1.	1	t	-	3.	2
Wash.	67	0	0	0	0	5.	4	1.	1	6.	5
Oreg.	83	0	0	-	-	-	-	-	-	-	-
Calif.	755	0	0	-	-	t	-	t	-	t	-
Other States	292	-	-	-	-	-	-	-	-	-	-
U. S.	14,993	1.8	270	4.9	726	2.8	420	4.9	727	17.9	2,659

\*Bushels 24 pounds.

\*\*Includes snap beans for manufacture and market.

1933 - SNAP BEANS\*\*

Estimated reduction in yield of snap beans due to diseases, 1933

State	Estimated reduction in yield due to diseases									
	: Produc- tion :		: Bacterial :		: Mosaic :		: Root Rots :		: All Dise	
	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :
	*Bushels:	% :	*Bushels:	% :	*Bushels:	% :	*Bushels:	% :	*Bushels:	% :
Maine	125	15.	22	-	-	-	-	-	-	15.
Mass.	1.	-	5.	-	t	-	t	-	11.	-
Conn.	-	-	-	-	-	-	-	-	1.	-
N. Y.	1,053	0.3:	4:	4.	48:	8.	97:	0.5:	6:	12.8:
N. J.	1,300	-	-	-	-	-	-	-	-	-
Pa.	418	5.	25:	2.	10:	0.5:	3:	8.	40:	16.5:
Ohio	-	2.1:	-	0.5:	-	-	-	-	-	4.6:
Ind.	117	-	-	-	-	-	-	-	-	-
Ill.	40	-	-	-	-	-	-	-	-	-
Mich.	535	t	-	5.	28:	t	-	t	-	5.
Wis.	450	t	-	3.	14:	1.	5:	t	-	4.
Iowa	-	-	-	5.	-	-	-	-	-	5.
Mo.	-	1.5:	-	-	-	-	-	t	-	1.7:
N. D.	-	t	-	t	-	2.	-	-	-	2.5:
Del.	128	0.5:	-	-	-	-	-	0.5:	-	1.
Md.	1,142	0.1:	1:	2.	24:	0.5:	6:	2.5:	31:	5.1:
Va.	232	0	0	2.	5:	1.	2:	2.	5:	5.
W. Va.	-	2.	-	2.	-	0.5:	-	3.	-	9.
N. C.	550	t	-	t	-	1.	6:	5.	30:	8.
S. C.	293	t	-	3.	10:	2.	7:	10.	35:	15.
Ga.	80	-	-	3.	3:	2.	2:	2.	2:	7.
Fla.	5,002	11.	705:	8.	513:	-	-	3.	192:	22.
Tenn.	147	-	-	-	-	-	-	-	-	-
Ala.	32	-	-	-	-	-	-	-	-	-
Miss.	155	-	-	-	-	-	-	-	-	-
Ark.	178	t	-	1.	2:	t	-	t	-	2.5:
La.	504	-	-	-	-	-	-	-	-	-
Tex.	714	0.5:	5:	15.	148:	5.	49:	2.	20:	27.5:
Mont.	-	-	-	2.	-	5.	-	t	-	7.
Idaho	-	-	-	-	-	10.	-	t	-	10.
Wyo.	-	-	-	2.	-	5.	-	t	-	7.
Colo.	539	0	0	10.	63:	5.	32:	t	-	15.
Utah	92	0	0	2.	2:	-	-	-	-	2.
Wash.	92	0	0	0	0	t	-	t	-	t
Oreg.	183	0	0	-	-	10.	20:	-	-	10.
Calif.	787	0	0	-	-	-	-	1.	8:	1.
Other States	408	-	-	-	-	-	-	-	-	-
U. S.	15,296	5.1:	762:	5.8:	870:	1.5:	229:	2.5:	369:	15.4:

\*Bushels 24 pounds.

\*\*Includes snap beans for manufacture and market.

## 1931 - COTTON

## Estimated reduction in yield of cotton due to diseases, 1931

State	Estimated reduction in yield due to diseases										
	Production	Anthracnose		Angular Leaf Spot		Wilt		Root Knot		All Diseases	
	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales
Mo.	270	3.	8	t	-	t	-	-	-	3.	8
Va.	43	-	-	-	-	-	-	-	-	-	-
N. C.	775	-	-	t	-	2.	17	2.	17	11.	95
S. C.	1,015	-	-	-	-	-	-	-	-	-	-
Ga.	1,395	-	-	-	-	-	-	-	-	-	-
Fla.	43	t	-	1.	-	5.	3	1.	-	10.	5
Tenn.	605	-	-	-	-	-	-	-	-	-	-
Ala.	1,430	-	-	-	-	-	-	-	-	-	-
Miss.	1,725	-	-	-	-	-	-	-	-	-	-
Ark.	1,855	t	-	t	-	4.	82	2.	41	9.	184
La.	865	-	-	-	-	-	-	-	-	-	-
Okla.	1,220	-	-	-	-	-	-	-	-	-	-
Tex.	5,270	t	-	1.	65	5.	323	0.5	32	18.5	1,196
N. Mex.	98	-	-	-	-	-	-	-	-	-	-
Ariz.	119	-	-	-	-	-	-	-	-	-	-
Calif.	181	-	-	-	-	-	-	-	-	-	-
All Other	9	-	-	-	-	-	-	-	-	-	-
U. S.	16,918	t	8	0.6	65	4.4	425	0.9	90	15.3	1,488

1932 - COTTON

Estimated reduction in yield of cotton due to diseases, 1932

State	Estimated reduction in yield due to diseases									
	Production	Anthracnose		Angular Leaf Spot		Wilt		Root Knot		All Diseases
	: 1,000 Bales	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales
Mo.	285	-	-	-	-	-	-	-	-	-
Va.	28	1	-	1.5	-	-	-	-	-	2.5
N. C.	640	0	0	1	7	3	21	5	36	10
S. C.	695	t	-	1	7	1	7	1	7	7
Ga.	845	-	-	-	-	-	-	-	-	-
Fla.	15	4	-	2	-	6	-	-	-	16
Tenn.	450	-	-	-	-	-	-	-	-	-
Ala.	930	-	-	-	-	-	-	-	-	-
Miss.	1,150	-	-	-	-	-	-	-	-	-
Ark.	1,260	t	-	t	-	4	55	2	28	9
La.	610	1.5	10	t	-	4	27	t	-	9.5
Okla.	1,080	-	-	-	-	-	-	-	-	-
Tex.	4,445	0.1	6	8	465	3	175	0.5	29	23.6
N. M.	76	-	-	-	-	-	-	-	-	-
Ariz.	82	-	-	-	-	-	-	-	-	-
Calif.	126	-	-	-	-	-	-	-	-	-
All										
Other	10	-	-	-	-	-	-	-	-	-
U. S.	12,727	0.2	16	5.1	479	3	285	1.1	100	18

## 1933 - COTTON

## Estimated reduction in yield of cotton due to diseases, 1933

State	Estimated reduction in yield due to diseases										
	Production	Anthracnose		Angular Leaf Spot		Wilt		Root Knot		All Diseases	
	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	: 1,000 Bales	: %	
Mo.	245	2.5	6	0.5	1	0.2	1	t	-	3.2	8
Va.	38	3	1	0.5	-	0.5	-	t	-	5	2
N. C.	690	t	-	2	16	5	39	3	23	11	86
S. C.	742	-	-	-	-	-	-	-	-	-	-
Ga.	1,110	-	-	-	-	-	-	-	-	-	-
Fla.	27	-	-	-	-	-	-	-	-	-	-
Tenn.	460	-	-	-	-	-	-	-	-	-	-
Ala.	980	-	-	-	-	-	-	-	-	-	-
Miss.	1,180	-	-	-	-	-	-	-	-	-	-
Ark.	1,065	t	-	1	12	5	60	2	24	11	132
La.	486	-	-	-	-	-	-	-	-	-	-
Okla.	1,285	-	-	-	-	-	-	-	-	-	-
Tex.	4,475	0.1	6	10	606	5	303	1	61	26.1	1,582
N. M.	86	-	-	-	-	-	-	-	-	-	-
Ariz.	82	-	-	-	-	-	-	-	-	-	-
Calif.	216	-	-	-	-	-	-	-	-	-	-
All											
Other	10	-	-	-	-	-	-	-	-	-	-
U. S.	13,177	0.2	13	7.6	635	4.8	403	1.3	108	21.7	1,810



1931 - SUGAR BEET

Estimated reduction in yield of sugar beet due to diseases, 1931

State	Production:	Estimated reduction in yield due to diseases				
	Short	Nematode	Curly Top	Leaf Spot	Phoma Rot	All Diseases
	Tons	%	%	%	%	%
Ohio	1,000	-	0	3.	3.	6.
Mich.	581	-	0	-	2.	2.
Nebr.	891	-	0	-	-	-
Tex.		0.5	0	1.	1.	12.5
Mont.	617	-	-	-	-	-
Idaho	301	-	-	-	-	-
Wyo.	552	-	-	-	-	-
Colo.	2,532	-	-	-	-	-
Utah	505	-	-	-	-	-
Calif.	1,060	-	-	-	-	-
Other States:	864	-	-	-	-	-
U. S.	7,903	-	-	-	-	-

Not enough estimates to calculate U. S. loss

1931 - SUGAR BEET

Estimated reduction in yield of sugar beet due to diseases, 1931

State	Production:	Estimated reduction in yield due to diseases				
	Short	Nematode	Curly Top	Leaf Spot	Phoma Rot	All Diseases
	Tons	%	%	%	%	%
Ohio	1,000	-	0	3.	3.	6.
Mich.	581	-	0	-	2.	2.
Nebr.	891	-	0	-	-	-
Tex.		0.5	0	1.	1.	12.5
Mont.	617	-	-	-	-	-
Idaho	301	-	-	-	-	-
Wyo.	552	-	-	-	-	-
Colo.	2,532	-	-	-	-	-
Utah	505	-	-	-	-	-
Calif.	1,060	-	-	-	-	-
Other States:	864	-	-	-	-	-
U. S.	7,903	-	-	-	-	-

1932 - SUGAR BEET

Estimated reduction in yield of sugar beet due to diseases, 1932

State	Production:	Estimated reduction in yield due to diseases:					
	Short	Nematode	Curly Top	Leaf Spot	Phoma	Rot	All Diseases
	Tons	%	%	%	%	%	
Ohio	259	0	0	1.	1.	2.5	
Mich.	1,215	0	0	t	2.	4.	
Wis.		0	0	t	t	0.3	
Iowa		0	0	10.	8.	18.	
Nebr.	877	-	-	-	-	-	
Tex.		-	-	-	-	-	
Mont.	739	-	-	-	-	t	
Idaho	709	-	-	-	-	-	
Wyoming	506	-	-	-	-	-	
Colo.	1,777	1.	t	t	t	2.	
Utah	846	-	-	-	-	-	
Wash.		0	10.	0	1.	11.	
Calif.	1,288	-	-	-	-	-	
Other States	854	-	-	-	-	-	
U. S.	9,070	-	-	-	-	-	

Not enough estimates to calculate U. S. loss.

1933 - SUGAR BEET

Estimated reduction in yield of sugar beet due to diseases, 1933

State	Production:	Estimated reduction in yield due to diseases				
	Short Tons	Nematode %	Curly Top %	Leaf Spot %	Phoma Rot %	All Disease %
Ohio	363	-	-	0.5	1.	1.5
Mich.	1,236	0	0	t	2.	2.5
Wis.		0	0	t	t	0.5
Iowa		-	-	-	-	-
Nebr.	1,068	-	-	-	-	-
Mont.	842	-	0	t	-	t
Idaho	862	-	-	-	-	-
Wyo.	609	-	-	-	-	-
Colo.	2,624	-	-	-	-	-
Utah	878	-	-	-	-	-
Wash.		0	1.	0	t	1.
Oreg.		-	2.	-	-	2.
Calif.	1,568	-	-	-	-	-
Other States	1,035	-	-	-	-	-
U. S.	11,085	-	-	-	-	-

Not enough estimates to calculate U. S. loss.



1931 - Apple (continued)

State	Estimated reduction in yield due to diseases																	
	Production: : 1,000 : Bushels	Bitter Rot : 1,000 : Bushels	Black Rot : 1,000 : Bushels	Blotch : 1,000 : Bushels	Rust : 1,000 : Bushels	Blight : 1,000 : Bushels	Scab : 1,000 : Bushels	All Diseases : 1,000 : Bushels	%	%	%	%						
Ga.	1,500:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ky.	5,390:	0.5:	28:	0.2:	11:	0.2:	11:	-	-	-	-	-	-	-	-	-	-	111
Tenn.	3,780:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	1,100:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	272:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	4,200:	t	-	0.5:	24:	t	-	t	2.	94:	2.5:	118:	11.	-	-	-	-	519
La.	39:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Okla.	400:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	215:	t	-	t	-	1.	2:	-	1.	2:	-	-	12.	-	-	-	-	28
Mont.	434:	0	0	0	0	0	0	0	t	-	t	-	-	-	-	-	-	-
Idaho	5,000:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	24:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colo.	2,090:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N. Mex.	1,089:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	97:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utah	400:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nev.	35:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	31,400:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oreg.	4,150:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	9,112:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	211,506:	1.	1,123:	0.8:	898:	0.5:	558:	0.7:	771:	1.2:	1,342:	3.5:	4,021:	11.6:	13,248	-	-	-



1932 - Apple (continued)

:Production:													
State	1,000 Bushels	Bitter Rot	Black Rot	Blotch	Rust	Blight	Scab	All Diseases	%	1,000 Bushels	%	1,000 Bushels	%
		: 1,000 Bushels	: 1,000 Bushels	: 1,000 Bushels	: 1,000 Bushels	: 1,000 Bushels	: 1,000 Bushels	: 1,000 Bushels	:	: 1,000 Bushels	:	: 1,000 Bushels	:
		%	%	%	%	%	%	%	:	%	:	%	:
Ky.	720:	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	936:	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	252:	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	51:	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	1,368:	0.5	7: 0.5	7: t	-	29: 0.5	7: 5.5	79	-	-	-	-	-
La.	8:	-	-	-	-	-	-	-	-	-	-	-	-
Okla.	387:	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	135:	0.1	-	2: 5.	8:	1:	2:	28	-	-	-	-	-
Mont.	562:	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	4,200:	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	53:	-	-	-	-	-	-	-	-	-	-	-	-
Colo.	2,139:	-	-	-	-	-	-	-	-	-	-	-	-
N. Mex.	726:	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	77:	-	-	-	-	-	-	-	-	-	-	-	-
Utah	924:	-	-	-	-	-	-	-	-	-	-	-	-
Nev.	49:	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	30,960:	0	0: 0	0: 0	0: 0	0: t	7: 7.	2,330	-	-	-	-	-
Oreg.	4,950:	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	9,045:	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	140,775:	0.4	388: 0.9	926: 0.4	425: 0.5	550: 1.7	1,685: 8.6	8,727: 17.4	17,715	-	-	-	-

Estimated reduction in yield of apples due to diseases, 1933

:Production:		Estimated reduction in yield due to diseases												
State	: Bushels	: Bitter Rot	: Black Rot	: Blotch	: Rust	: Blight	: Scab	: All Diseases	: Bushels	: %	: Bushels	: %	: Bushels	: %
	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000
	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %	: %
Maine	1,884	-	-	-	22	-	-	-	219	14	-	-	307	-
N. H.	1,131	-	-	-	13	-	-	-	135	16	-	-	215	-
Vt.	1,027	-	-	-	12	-	-	-	122	16	-	-	195	-
Mass.	3,486	0.5	22	1	45	3	135	5	225	22.5	-	-	1,012	-
R. I.	350	-	-	-	17	-	-	4	17	18.5	-	-	79	-
Conn.	1,184	-	-	0	6	1	13	2	38	3.5	-	-	82	-
N. Y.	16,060	-	187	0	187	1	187	5	373	14	-	-	2,615	-
N. J.	3,380	-	123	t	-	1	41	3	20	17.5	-	-	717	-
Pa.	7,293	0.5	52	1	310	0.5	52	23	52	29.5	-	-	3,051	-
Ohio	4,380	2	103	0.3	10	0.5	26	12	5	15.2	-	-	784	-
Ind.	819	0.5	9	1	9	t	-	50	-	50	-	-	888	-
Ill.	2,112	t	-	3	-	2	86	40	43	51	-	-	2,198	-
Mich.	8,651	0	-	0	-	t	-	25	0	25	-	-	2,884	-
Wis.	1,938	0	0	t	-	t	45	12	-	12	-	-	315	-
Minn.	960	0	0	0	-	t	-	10	-	10	-	-	119	-
Iowa	1,425	0	0	1	-	1	18	10	53	20	-	-	356	-
Mo.	3,132	1.5	65	3	131	1	131	16	44	28	-	-	1,219	-
N. Dak.	-	0	0	-	0	1.5	-	2.5	0	2.5	-	-	-	-
S. Dak.	68	0	0	0	0	1	1	4	0	4	-	-	3	-
Nebr.	370	0	0	0.5	2	2	9	15	5	20	-	-	92	-
Kans.	1,431	-	-	-	-	-	-	-	-	-	-	-	-	-
Iel.	932	0.5	5	-	-	t	-	5	-	5	-	-	60	-
Md.	1,312	2	35	1	43	1	17	15	9	24	-	-	415	-
Va.	10,900	1	186	t	373	t	-	25	1,491	41.5	-	-	7,732	-
W. Va.	4,200	0.5	32	1	64	2	128	20	385	34.5	-	-	2,212	-
N. C.	5,254	0.1	7	t	-	1	1,025	2	68	23.1	-	-	1,579	-
S. C.	279	1	4	1	4	1	36	2	-	22	-	-	80	-



1933 -- Apple (continued)

: Production :		Estimated reduction in yield due to diseases													
State	: Bushels	: Bitter Rot	: Black Rot	: Plotch	: Rust	: Blight	: Scab	: All Diseases							
	: 1,000	: %	: Bushels	: %	: Bushels	: %	: Bushels	: %	: Bushels	: %	: Bushels				
Ga.	1,150	2.	31	1.	16	10.	155	2.	31	26.	404				
Ky.	2,340	1.	42	2.	85	5.	213	20.	851	45.	1,915				
Tenn.	2,194	1.	35	3.	104	6.	299	12.	418	37.	1,289				
Ala.	648	1.	9	2.	17	2.	17	8.	68	24.	205				
Miss.	174	1.	2	3.	7	1.	2	10.	24	5.	61				
Ark.	1,925	1.	21	5.	107	1.	43	1.	21	10.	213				
La.	22	1.	-	4.	1	t	-	1.	1	1.	5				
Okla.	350	0.	0	1.	4	1.	4	2.	21	2.	66				
Tex.	98	0.1	-	1.	1	4.	5	3.	4	-	19				
Mont.	525	0.	0	0.	0	0.	0	t	-	1.5	8				
Idaho	5,244	0.	0	0.	0	0.	0	1.	56	0.	335				
Wyo.	50	0.	0	0.	0	1.	1	1.	1	0.	5				
Colo.	1,454	0.	0	0.	0	0.	0	5.	84	0.	218				
N. Mex.	285	-	-	-	-	-	-	4.	13	0.	32				
Ariz.	51	-	-	-	-	-	-	2.	1	0.	4				
Utah	313	-	-	-	-	-	-	3.	10	0.	31				
Nev.	39	-	-	-	-	-	-	2.	1	0.	4				
Wash.	29,240	0.	0	0.	0	0.	0	t	-	5.	1,539				
Oreg.	4,095	0.	0	0.	0	0.	0	0.1	4	5.	361				
Calif.	9,672	-	-	-	-	-	-	-	-	-	-				
U. S.	143,827	0.4	660	0.9	1,593	0.5	882	1.8	3,057	1.9	3,182	11.6	19,615	21.3	35,923

## Estimated reduction in yield of pear due to diseases, 1931

State	: Production :		Estimated reduction in yield due to diseases							
	: 1,000 :		: Blight :		: Scab :		: Leaf Blight :		: All Diseases :	
	: Bushels :	: % :	: 1,000 :		: 1,000 :		: 1,000 :		: 1,000 :	
			: Bushels :	: % :	: Bushels :	: % :	: Bushels :	: % :	: Bushels :	: % :
Maine	13:	t	-	-	-	-	-	-	-	-
N. H.	12:	-	-	-	-	-	-	-	-	-
Vt.	11:	-	-	-	-	-	-	-	-	-
Mass.	46:	2.	1:	t	-	-	-	4.	-	2
R. I.	7:	-	-	-	-	-	-	-	-	-
Conn.	18:	-	-	-	-	-	-	-	-	-
N. Y.	805:	-	-	-	-	-	-	-	-	-
N. J.	96:	-	-	-	-	-	-	-	-	-
Pa.	448:	-	-	-	-	-	-	-	-	-
Ohio	510:	1.	5:	3.	16:	-	-	4.	-	21
Ind.	244:	-	-	-	-	-	-	-	-	-
Ill.	765:	-	-	-	-	-	-	-	-	-
Mich.	450:	t	-	1.	5:	t	-	1.	-	5
Wis.	93:	1.	1:	3.5:	3:	0:	0:	4.5:	-	4
Mo.	539:	12.	74:	t	-	t	-	12.	-	74
Nebr.	35:	-	-	-	-	-	-	-	-	-
Kans.	220:	-	-	-	-	-	-	-	-	-
Del.	39:	1.	-	-	-	2.	1:	3.	-	1
Md.	149:	5.	9:	5.	9:	4.	7:	14.	-	25
Va.	510:	15.	91:	t	-	t	-	16.	-	97
W. Va.	129:	t	-	t	-	t	-	1.5:	-	1
N. C.	323:	-	-	-	-	-	-	-	-	-
S. C.	118:	-	-	-	-	-	-	-	-	-
Ga.	204:	-	-	-	-	-	-	-	-	-
Fla.	59:	10.	7:	-	-	-	-	15.	-	10
Ky.	300:	-	-	-	-	-	-	-	-	-
Tenn.	335:	-	-	-	-	-	-	-	-	-
Ala.	357:	-	-	-	-	-	-	-	-	-
Miss.	263:	-	-	-	-	-	-	-	-	-
Ark.	210:	-	-	-	-	-	-	-	-	-
La.	82:	-	-	-	-	-	-	-	-	-
Okla.	95:	-	-	-	-	-	-	-	-	-
Tex.	400:	5.	24:	-	-	-	-	15.	-	71
Idaho	56:	-	-	-	-	0:	0:	-	-	-
Colo.	385:	5.	20:	-	-	0:	0:	5.	-	20
N. Mex.	53:	-	-	-	-	0:	0:	-	-	-
Ariz.	15:	-	-	-	-	0:	0:	-	-	-
Utah	49:	-	-	-	-	0:	0:	-	-	-
Nev.	4:	-	-	-	-	0:	0:	-	-	-
Wash.	3,650:	-	-	-	-	0:	0:	-	-	-
Oreg.	1,995:	-	-	-	-	0:	0:	-	-	-
Calif.	8,917:	-	-	-	-	0:	0:	-	-	-
U. S.	23,009:	6.4:	232:	0.9:	33:	0.2:	8:	9.1:	-	331

1932 - PEAR

Estimated reduction in yield of pear due to diseases, 1932

State	:Production:		Estimated reduction in yield due to diseases							
	: 1,000 :		: Blight :		: Scab :		: Leaf Blight :		: All Dis :	
	Bushels	:	: 1,000	:	: 1,000	:	: 1,000	:	: 1,000	:
	:	:	%	: Bushels	%	: Bushels	%	: Bushels	%	: Bushels
Me.	12:	-	-	-	-	-	-	-	-	-
N. H.	12:	t	-	2.	-	-	-	-	2.	-
Vt.	11:	-	-	-	-	-	-	-	-	-
Mass.	63:	3.	2:	1.	1:	t	-	19.	-	-
R. I.	10:	-	-	-	-	-	-	-	-	-
Conn.	28:	0.5:	-	0.5	-	0.5:	-	2.	-	-
N. Y.	1,745:	-	-	-	-	-	-	-	-	-
N. J.	112:	-	-	-	-	-	-	-	-	-
Pa.	384:	20.	101:	2.	10:	t	-	24.	-	-
Ohio	313:	1.	3:	4.	13:	t	-	51.	-	-
Ind.	80:	-	-	-	-	-	-	-	-	-
Ill.	71:	t	-	t	-	-	-	t	-	-
Mich.	783:	1.	8:	0.5	4:	t	-	1.5:	-	-
Wis.	:	1.	-	3.5	-	0	0	4.5:	-	-
Iowa	78:	3.	2:	-	-	-	-	3.	-	-
Mo.	51:	-	-	-	-	-	-	-	-	-
Nebr.	38:	-	-	-	-	-	-	-	-	-
Kans.	35:	-	-	-	-	-	-	-	-	-
Del.	35:	-	-	-	-	-	-	-	-	-
Md.	92:	-	-	-	-	-	-	-	-	-
Va.	87:	18.	19:	t	-	t	-	19.	-	-
W. Va.	23:	5.	1:	-	-	t	-	10.	-	-
N. C.	113:	-	-	-	-	-	-	-	-	-
S. C.	54:	-	-	-	-	-	-	-	-	-
Ga.	106:	-	-	-	-	-	-	-	-	-
Fla.	44:	10:	5:	-	-	-	-	15.	-	-
Ky.	37:	-	-	-	-	-	-	-	-	-
Tenn.	59:	-	-	-	-	-	-	-	-	-
Ala.	132:	-	-	-	-	-	-	-	-	-
Miss.	107:	-	-	-	-	-	-	-	-	-
Ark.	34:	-	-	-	-	-	-	-	-	-
La.	48:	4.	2:	0	0	0	0	5.	-	-
Okla.	46:	-	-	-	-	-	-	-	-	-
Tex.	182:	3.	6:	-	-	-	-	13.	-	-
Idaho	60:	-	-	-	-	0	0	-	-	-
Colo.	377:	t	-	-	-	0	0	t	-	-
N. Mex.	44:	-	-	-	-	0	0	-	-	-
Ariz.	15:	-	-	-	-	0	0	-	-	-
Utah	76:	-	-	-	-	0	0	-	-	-
Nev.	5:	-	-	-	-	0	0	-	-	-
Wash.	3,723:	t	-	t	-	0	0	1.	-	-
Oreg.	2,808:	-	-	-	-	0	0	-	-	-
Calif.	9,917:	-	-	-	-	0	0	-	-	-
U. S.	22,050:	2.3:	149:	0.4:	28:	t	-	4.	-	-

## 1933 - PEAR

## Estimated reduction in yield of pear due to diseases, 1933

State	: Production :		Estimated reduction in yield due to diseases							
	: 1,000 :		: Blight :		: Scab :		: Leaf Blight :		: All Diseases :	
	Bushels	%	: 1,000 Bushels	%	: 1,000 Bushels	%	: 1,000 Bushels	%	: 1,000 Bushels	%
Me.	11:	-	-	t	-	-	-	-	1.	-
N. H.	12:	-	-	-	-	-	-	-	-	-
Vt.	7:	-	-	-	-	-	-	-	-	-
Mass.	57:	5.	3:	1.	1:	t	-	-	7.	5
R. I.	8:	-	-	-	-	t	-	-	1.	-
Conn.	20:	2.	-	1.	-	0.5:	-	-	4.5:	1
N.Y.	900:	8.	83:	2.	21:	2.	21:	13.	13.	135
N. J.	71:	10.	8:	1.	1:	2.	2:	15.	15.	13
Pa.	366:	10.	43:	1.	4:	3.	13:	15.	15.	64
Ohio	336:	0.5:	2:	5.	18:	0.	0:	6.5:	6.5:	24
Ind.	100:	10.	11:	1.	1:	0:	0:	12.	12.	13
Ill.	320:	12.	44:	t	-	0:	0:	13.	13.	48
Mich.	532:	1.	6:	2.	11:	t	-	4.	4.	23
Wis.	:	1.	-	3.5:	-	0:	0:	4.5:	4.5:	-
Iowa	58:	10.	7:	-	-	0:	0:	11.	11.	8
Mo.	146:	4.	6:	0.2:	-	t	-	4.4:	4.4:	7
Nebr.	17:	10.	2:	-	-	0:	0:	11.	11.	2
Kans.	90:	10.	10:	-	-	0:	0:	11.	11.	11
Del.	20:	10.	3:	-	-	10.	3:	21.	21.	6
Md.	66:	7.	6:	5.	4:	4.	3:	17.	17.	14
Va.	270:	10.	30:	t	-	t	-	11.	11.	33
W. Va.	57:	10.	7:	-	-	3.	2:	14.	14.	10
N. C.	228:	15.	43:	-	-	4.	11:	20.	20.	57
S. C.	94:	12.	13:	-	-	2.	2:	15.	15.	16
Ga.	114:	15.	22:	-	-	5.	7:	21.	21.	30
Fla.	25:	15.	5:	-	-	-	-	16.	16.	5
Ky.	80:	15.	14:	-	-	-	-	16.	16.	15
Tenn.	94:	15.	17:	-	-	-	-	16.	16.	18
Ala.	132:	15.	24:	-	-	-	-	16.	16.	26
Miss.	85:	20.	22:	-	-	-	-	21.	21.	23
Ark.	58:	15.	10:	-	-	-	-	16.	16.	11
La.	31:	15.	6:	-	-	-	-	16.	16.	6
Okla.	69:	5.	4:	-	-	-	-	6.	6.	5
Tex.	104:	2.	2:	-	-	-	-	6.	6.	6
Idaho	59:	2.	1:	-	-	0:	0:	3.	3.	2
Colo.	271:	3.	8:	-	-	0:	0:	4.	4.	11
N. Mex.	9:	1.	-	-	-	0:	0:	2.	2.	-
Ariz.	13:	1.	-	-	-	0:	0:	2.	2.	-
Utah	47:	2.	1:	-	-	0:	0:	3.	3.	1
Nev.	4:	1.	-	-	-	0:	0:	2.	2.	-
Wash.	4,264:	t	-	t	-	0:	0:	t	t	-
Oreg.	2,738:	0.2:	6:	4.	118:	0:	0:	7.2:	7.2:	213
Calif.	9,209:	3.	288:	-	-	0:	0:	4.	4.	384
U. S.	21,192:	3.4:	757:	0.8:	179:	0.3:	64:	5.6:	5.6:	1,246

1931 - PEACH

Estimated reduction in yield of peach due to diseases, 1931

State	Estimated reduction in yield due to diseases									
	Production : 1,000 : Bushels	Leaf Curl : 1,000 : %	Brown Rot : 1,000 : %	Yellows : 1,000 : %	Scab : 1,000 : %	All Diseases : 1,000 : %				
N. H.	26	-	-	0	-	-				
Mass.	153	1.	2:10.	18	t	-:13.				
R. I.	41	-	-	-	-	-				
Conn.	210	-	-	-	-	-				
N. Y.	1,700	-	-	-	-	-				
N. J.	2,200	-	-	-	-	-				
Pa.	2,720	-	-	-	-	-				
Ohio	2,500	4.	111: 5.	139	-	1. ; 28:10.2:				
Ind.	1,470	-	-	-	-	-:15.				
Ill.	4,300	-	-	-	-	-				
Mich.	1,935	1.	20: 0	0	2. : 40:	t : - : 3. :				
Iowa	117	-	-	-	-	-				
Mo.	1,500	0.8	13: 2.	32	-	- : 0.5: 8: 5.3:				
Nebr.	60	-	-	-	-	-				
Kans.	350	-	-	-	-	-				
Del.	500	t	- : 2.	11	t	- : 5. : 27: 8. :				
Md.	800	t	- : 4.	34	0.5:	4: 1. : 9: 7. :				
Va.	1,600	t	- : 2.	33	t	- : t : - : 2.5:				
W. Va.	1,030	t	- : 2.	23	t	- : 3. : 34:10. :				
N. C.	3,128	2.	86: 5.	214	0.	0 : t : - : 27. : 1				
S. C.	1,784	-	-	-	0	0 : - : - : - :				
Ga.	9,134	0.1:	9: 1.	92	0	0 : 0.1: 9: 1.2:				
Fla.	92	-	-	-	0	0 : 15. : 16:15. :				
Ky.	1,280	-	- : 2.	27	0	0 : 2. : 27: 4. :				
Tenn.	2,820	-	-	-	0	0 : - : - : - :				
Ala.	1,530	-	-	-	0	0 : - : - : - :				
Miss.	1,060	-	-	-	0	0 : - : - : - :				
Ark.	3,600	t	- : 0.5:	18	0	0 : t : - : 1.5:				
La.	352	-	-	-	0	0 : - : - : - :				
Okla.	400	-	-	-	0	0 : - : - : - :				
Tex.	1,581	0.1:	2: 2.	36	0	0 : 3. : 55:13.1:				
Idaho	170	-	-	-	0	0 : - : - : - :				
Colo.	1,130	-	-	-	0	0 : - : - : - :				
N. Mex.	103	-	-	-	0	0 : - : - : - :				
Ariz.	80	-	-	-	0	0 : - : - : - :				
Utah	550	-	-	-	0	0 : - : - : - :				
Nev.	3	-	-	-	0	0 : - : - : - :				
Wash.	1,050	-	-	-	0	0 : - : - : - :				
Oreg.	224	-	-	-	0	0 : - : - : - :				
Calif.	24,460	-	-	-	0	0 : - : - : - :				
U. S.	77,743	0.7:	243: 2.1:	677: 0.1:	44: 0.6:	213: 7.9: a				

## Estimated reduction in yield of peach due to diseases, 1932

State	Estimated reduction in yield due to diseases										
	Production	Leaf Curl		Brown Rot		Yellows		Scab		All Diseases	
	: 1,000 Bushels :	: 1,000 Bushels :	% :	: 1,000 Bushels :	% :	: 1,000 Bushels :	% :	: 1,000 Bushels :	% :	: 1,000 Bushels :	
N. H.	20	0	0	0	0	-	-	t	-	t	-
Mass.	166	t	-	10	19	t	-	1	2	12	23
R. I.	44	-	-	-	-	-	-	-	-	-	-
Conn.	215	-	-	3	7	-	-	1	2	4.5	10
N. Y.	1,663	-	-	10	185	-	-	-	-	10	185
N. J.	1,776	-	-	10	197	-	-	-	-	10	197
Pa.	1,676	15	333	4	89	0.5	11	3	67	24.5	544
Ohio	814	5	48	5	48	0.1	1	5	48	15.2	146
Ind.	106	-	-	-	-	-	-	-	-	-	-
Ill.	188	t	-	2	4	t	-	t	-	2	4
Mich.	1,845	t	-	3	60	5	100	0.1	2	8.1	162
Iowa	76	1	1	t	-	-	-	-	-	1	1
Mo.	102	-	-	-	-	-	-	-	-	-	-
Nebr.	58	-	-	-	-	-	-	-	-	-	-
Kans.	50	-	-	-	-	-	-	-	-	-	-
Del.	227	-	-	-	-	-	-	-	-	-	-
Md.	348	2	8	5	19	0.5	2	2	8	10.5	41
Va.	324	-	-	-	-	-	-	-	-	-	-
W. Va.	143	t	-	t	-	t	-	t	-	10	16
N. C.	1,645	1	17	1	17	-	-	2	35	5	86
S. C.	792	t	-	5	45	-	-	1	9	11	99
Ga.	1,170	-	-	-	-	-	-	-	-	-	-
Fla.	28	t	-	1	-	-	-	10	3	15	4
Ky.	79	-	-	-	-	-	-	-	-	-	-
Tenn.	300	-	-	-	-	-	-	-	-	-	-
Ala.	221	-	-	-	-	-	-	-	-	-	-
Miss.	132	-	-	-	-	-	-	-	-	-	-
Ark.	352	t	-	t	-	-	-	t	-	2	7
La.	91	-	-	-	-	-	-	-	-	-	-
Okla.	280	-	-	-	-	-	-	-	-	-	-
Tex.	792	0.5	5	3	28	-	-	3	28	14.5	135
Idaho	178	-	-	-	-	0	0	-	-	-	-
Colo.	1,201	-	-	1	12	0	0	-	-	1	12
N. Mex.	44	-	-	-	-	0	0	-	-	-	-
Ariz.	83	-	-	-	-	0	0	-	-	-	-
Utah	748	-	-	-	-	0	0	-	-	-	-
Nev.	4	-	-	-	-	0	0	-	-	-	-
Wash.	1,320	5	71	1	14	0	0	0	0	7	99
Oreg.	348	-	-	-	-	0	0	-	-	-	-
Calif.	22,794	-	-	-	-	0	0	-	-	-	-
U. S.	42,443	2.9	483	4.4	744	0.7	114	1.2	204	10.5	1,771

1933 - PEACH

Estimated reduction in yield of peach due to diseases, 1933

State	Estimated reduction in yield due to diseases											
	Production		Leaf Curl		Brown Rot		Yellows		Scab		All Dis	
	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%
N. H.	18	-	-	2	-	-	-	-	-	-	2	-
Mass.	134	1	1	4	6	t	-	1	-	1	6	-
R. I.	26	2	1	10	3	-	-	-	-	-	12	-
Conn.	172	3	8	30	85	-	-	1	-	3	39	-
N. Y.	1,092	10	137	10	137	-	-	-	-	-	20	-
N. J.	987	5	66	20	263	-	-	-	-	-	25	-
Pa.	1,144	10	185	25	461	1	18	1	-	18	38	-
Ohio	456	15	82	0.5	3	-	-	1	-	5	16.7	-
Ind.	221	8	21	4	10	-	-	2	-	5	14	-
Ill.	1,522	8	145	8	145	-	-	-	-	-	16	-
Mich.	215	10	24	t	-	1	2	1	-	2	12	-
Iowa	7	1	-	10	-	0	0	-	-	-	11	-
Mo.	204	8	18	1.5	3	0	0	0.5	-	1	11	-
Nebr.	4	1	-	5	-	-	-	-	-	-	6	-
Kans.	14	-	-	-	-	-	-	-	-	-	-	-
Del.	205	1	2	3	6	t	-	-	-	-	4	-
Md.	400	2.5	11	7	32	0.5	2	2	-	9	12	-
Va.	990	5	56	5	56	t	-	1	-	11	11	-
W. Va.	396	2	9	8	35	-	-	-	-	-	10	-
N. C.	2,080	0.5	11	1	22	-	-	1	-	22	5.5	-
S. C.	1,633	t	-	10	181	-	-	-	-	-	10	-
Ga.	5,440	1	61	10	611	-	-	-	-	-	11	-
Fla.	57	0	0	15	10	-	-	-	-	-	15	-
Ky.	232	5	13	8	21	-	-	-	-	-	13	-
Tenn.	580	5	34	10	68	-	-	-	-	-	15	-
Ala.	908	3	31	10	104	-	-	-	-	-	13	-
Miss.	494	t	-	20	124	-	-	-	-	-	20	-
Ark.	672	1	7	t	-	-	-	t	-	-	1	-
La.	158	t	-	20	40	-	-	-	-	-	20	-
Okla.	102	1	1	5	5	-	-	-	-	-	6	-
Tex.	782	2	19	5	48	-	-	5	-	48	18	-
Idaho	40	-	-	t	-	0	0	-	-	-	t	-
Colo.	578	-	-	t	-	0	0	-	-	-	t	-
N. Mex.	13	-	-	t	-	0	0	-	-	-	t	-
Ariz.	67	-	-	t	-	0	0	-	-	-	t	-
Utah	62	-	-	t	-	0	0	-	-	-	t	-
Nev.	2	-	-	t	-	0	0	-	-	-	t	-
Wash.	240	t	-	t	-	0	0	0	-	0	t	-
Oreg.	227	3	7	4	10	0	0	-	-	-	7.5	-
Calif.	22,752	-	-	-	-	0	0	-	-	-	-	-
U. S.	45,326	3.6	950	9.5	2,489	0.1	22	0.5	-	125	14.3	-

## 1931 - CHERRY

## Estimated reduction in yield of cherry due to diseases, 1931

State	Production Short Tons	Estimated reduction in yield due to diseases		
		Brown Rot	Leaf Spot	All Diseases
		%	%	%
Mass.		4.	2.	7.
N. Y.	17,000	-	-	-
Pa.	7,600	-	-	-
Ohio	4,900	-	3.	-
Mich.	22,500	t	t	t
Wis.	6,000	t	0.5	1.
Minn.		t	2.	2.
Mo.		-	3.	3.
S. D.		-	1.	1.
Kans.		-	5.	5.
Del.		1.	0.5	2.5
Md.		1.	3.	5.
Va.		5.	t	5.
W. Va.		1.	2.	3.
N. C.		10.	-	10.
Ark.		t	1.	1.5
Tex.		2.	-	7.
Mont.	590	0	t	-
Idaho	3,000	-	-	-
Colo.	2,500	-	-	-
Utah	2,000	-	-	-
Wash.	10,000	-	-	-
Oreg.	9,000	-	-	-
Calif.	23,000	-	-	-
U. S.	108,090	-	-	-

Not enough estimates to calculate U. S. loss.



1932 - CHERRY

Estimated reduction in yield of cherry due to diseases, 1932

State	Production	Estimated reduction in yield due to diseases					
	Short Tons	Brown Rot		Leaf Spot		All Diseases	
		%	Short Tons	%	Short Tons	%	Short Tons
Mass.		1.	-	t	-	5.	-
Conn.		2.5	-	0.5	-	3.	-
N. Y.	25,627	-	-	-	-	-	-
Pa.	9,150	20.	2,507	5.	627	27.	3,385
Ohio	3,240	2.	68	2.	68	4.1	139
Ill.		t	-	1.	-	1.	-
Mich.	23,380	2.	503	5.	1,257	7.	1,760
Wis.	6,864	t	-	5.	381	10.	762
Minn.		t	-	t	-	1.	-
W. Va.		5.	-	t	-	10.	-
N. C.		1.	-	-	-	2.	-
Ark.		t	-	1.	-	1.	-
Mont.	780	t	-	t	-	t	-
Idaho	3,402	-	-	-	-	-	-
Colo.	3,825	-	-	-	-	-	-
Utah	4,200	-	-	-	-	-	-
Wash.	16,125	t	-	t	-	2.	329
Oreg.	12,025	-	-	-	-	-	-
Calif.	18,500	-	-	-	-	-	-
U. S.	127,118	4.7	3,078	3.5	2,333	9.7	6,375

## 1933 - CHERRY

## Estimated reduction in yield of cherry due to diseases, 1933

State	Production Short Tons	Estimated reduction in yield due to diseases					
		Brown Rot		Leaf Spot		All Diseases	
		%	Short Tons	%	Short Tons	%	Short Tons
Mass.		15.	-	t	-	16.	-
Conn.		2.	-	1.	-	3.	-
N. Y.	10,754	10.	1,208	1.	121	11.	1,329
N. J.		-	-	1.	-	1.	-
Pa.	4,375	20.	1,411	15.	1,058	38.	2,682
Ohio	2,806	2.	58	0.5	14	2.5	72
Mich.	25,697	t	-	15.	4,535	15.	4,535
Wis.	7,040	t	-	5.	371	5.	371
Mo.		t	-	6.	-	8.	-
Del.		5.	-	10.	-	15.	-
Md.		5.	-	3.	-	8.	-
Va.		t	-	5.	-	5.	-
W. Va.		10.	-	5.	-	15.	-
Mont.	735	0	0	t	-	t	-
Idaho	2,967	t	-	-	-	t	-
Colo.	1,976	t	-	-	-	t	-
Utah	3,078	t	-	-	-	t	-
Wash.	16,330	t	-	t	-	t	-
Oreg.	12,240	10.	1,654	2.	331	26.	4,301
Calif.	24,500	-	-	-	-	5.	1,289
U. S.	112,498	3.4	4,331	5.1	6,430	11.5	14,579

1931 - PLUM AND PRUNE

Estimated reduction in yield of plum and prune due to diseases, 1931

State	: Estimated reduction in yield due to diseases	
	Brown Rot	All Diseases
	%	%
Massachusetts	15.	16.
Ohio	12.	12.1
Michigan	10.	11.
Wisconsin	1.	1.
Minnesota	1.	3.
Missouri	5.	8.
South Dakota	t	t
Delaware	0.5	1.
Maryland	5.	6.
Virginia	5.	5.
West Virginia	2.5	2.5
Arkansas	t	1.
Texas	3.	9.

Not enough estimates to calculate U. S. loss.

## 1932 - PLUM AND PRUNE

Estimated reduction in yield of plum and prune due to diseases, 1932

State	Estimated reduction in yield due to diseases	
	Brown Rot	All Diseases
	%	%
Massachusetts	10.	12.
Connecticut	2.5	3.
Pennsylvania	10.	16.
Ohio	10.	10.1
Illinois	3.	3.
Michigan	5.	6.
Wisconsin	1.	1.
Minnesota	1.	3.
Iowa	2.	2.1
North Dakota	-	2.5
Virginia	5.	10.
Arkansas	t	2.
Texas	3.	10.
Montana	0	t
Washington	5.	6.

Not enough estimates to calculate U. S. loss.

1933 - PLUM AND PRUNE

Estimated reduction in yield of plum and prune due to diseases, 1933

State	Estimated reduction in yield due to diseases	
	Brown Rot	All Diseases
	%	%
Maine	5.	6.
Massachusetts	6.	6.
Connecticut	1.	2.
New York	15.	15.
New Jersey	25.	25.
Pennsylvania	15.	20.
Ohio	8.	8.1
Michigan	15.	15.
Wisconsin	1.	1.
Missouri	5.	5.5
North Dakota	0	2.
Delaware	5.	5.
Maryland	7.	8.
Virginia	10.	11.
Arkansas	t	1.
Texas	5.	15.
Montana	0	t
Washington	3.	3.
Oregon	15.	22.

Not enough estimates to calculate U. S. loss.

1931 - GRAPE  
East of Great Plains  
Estimated reduction in yield of grape due to diseases, 1931

State	Production Tons	Estimated reduction in yield due to diseases			
		Black Rot		All Diseases	
		%	Tons	%	Tons
Maine	28	-	-	-	-
New Hampshire	50	-	-	-	-
Vermont	44	-	-	-	-
Massachusetts	384	20.	110	30.	165
Rhode Island	250	-	-	-	-
Connecticut	1,295	-	-	-	-
New York	98,700	-	-	-	-
New Jersey	3,088	-	-	-	-
Pennsylvania	33,950	-	-	-	-
Ohio	26,600	3.	835	4.5	1,253
Indiana	3,400	-	-	-	-
Illinois	6,800	-	-	-	-
Michigan	53,100	0	0	t	-
Wisconsin	380	0.5	2	1.	4
Minnesota	330	t.	-	1.	3
Iowa	6,700	-	-	-	-
Missouri	10,280	3.	320	3.7	395
Nebraska	2,360	-	-	-	-
Kansas	4,500	-	-	-	-
Delaware	2,164	1.5	35	6.5	151
Maryland	682	4.	28	4.	28
Virginia	1,980	5.	116	15.	349
West Virginia	1,304	3.	63	38.	799
North Carolina	4,620	10.	544	15.	816
South Carolina	1,031	-	-	-	-
Georgia	869	-	-	-	-
Florida	1,010	5.	59	14.	165
Kentucky	1,090	4.	45	4.	45
Tennessee	1,215	-	-	-	-
Alabama	720	-	-	-	-
Mississippi	281	-	-	-	-
Arkansas	10,000	0.5	50	0.5	50
Louisiana	57	-	-	-	-
Oklahoma	2,550	-	-	-	-
Texas	1,840	5.	115	20.	460
<b>Total</b>	<b>283,652</b>	<b>1.9</b>	<b>2,322</b>	<b>3.9</b>	<b>4,683</b>

1932 - GRAPE  
East of Great Plains  
Estimated reduction in yield of grape due to diseases, 1932

State	Production Tons	Estimated reduction in yield due to diseases			
		Black Rot		All Diseases	
		%	Tons	%	Tons
Maine	24	-	-	-	-
New Hampshire	43	t	-	t	-
Vermont	42	-	-	-	-
Massachusetts	334	10.	42	20.	84
Rhode Island	237	-	-	-	-
Connecticut	1,226	1.	13	4.	51
New York	67,971	-	-	-	-
New Jersey	3,230	-	-	-	-
Pennsylvania	22,977	3.	726	5.	1,210
Ohio	30,705	4.	1,293	5.	1,616
Indiana	3,108	-	-	-	-
Illinois	6,000	2.	124	3.	186
Michigan	71,220	t	-	t	-
Wisconsin	396	0.4:	2	0.8:	4
Minnesota	327	t	-	1.	3
Iowa	7,650	t	-	0.1:	8
Missouri	9,717	-	-	-	-
Nebraska	2,960	-	-	-	-
Kansas	4,810	-	-	-	-
Delaware	2,352	-	-	-	-
Maryland	625	-	-	-	-
Virginia	1,488	10.	165	10.	165
West Virginia	1,008	10.	134	25.	336
North Carolina	3,431	2.	71	4.	142
South Carolina	750	5.	40	6.	48
Georgia	630	-	-	-	-
Florida	454	15.	97	30.	194
Kentucky	1,035	-	-	-	-
Tennessee	1,005	-	-	-	-
Alabama	509	-	-	-	-
Mississippi	178	-	-	-	-
Arkansas	12,936	0.5:	77	15.5:	2,373
Louisiana	42	-	-	-	-
Oklahoma	3,440	-	-	-	-
Texas	1,809	10.	241	25.	603
<b>Total</b>	<b>264,669</b>	<b>1.8:</b>	<b>3,025</b>	<b>4.2:</b>	<b>7,023</b>

1933 - GRAPE  
East of Great Plains  
Estimated reduction in yield of grape due to diseases, 1933

State	Production Tons	Estimated reduction in yield due to diseases					
		Black Rot			All Diseases		
		%	Tons	%	Tons		
Maine	24	t	-	t	-		
New Hampshire	43	-	-	-	-		
Vermont	31	-	-	-	-		
Massachusetts	353	15.	63	16.	67		
Rhode Island	207	-	-	-	-		
Connecticut	1,240	2.	26	3.	39		
New York	64,800	-	-	-	-		
New Jersey	2,535	-	-	-	-		
Pennsylvania	17,808	10.	2,024	12.	2,429		
Ohio	27,412	4.	1,154	5.	1,443		
Indiana	2,590	-	-	-	-		
Illinois	5,986	-	-	-	-		
Michigan	58,565	t	-	1.	592		
Wisconsin	357	0.5	2	1.	4		
Minnesota	307	-	-	-	-		
Iowa	6,624	-	-	-	-		
Missouri	9,880	1.5	154	4.	411		
Nebraska	1,824	-	-	-	-		
Kansas	4,158	-	-	-	-		
Delaware	2,448	10.	272	10.	272		
Maryland	596	6.	33	7.	44		
Virginia	1,666	15.	312	20.	416		
West Virginia	990	10.	132	25.	330		
North Carolina	4,661	2.	98	5.	245		
South Carolina	958	-	-	-	-		
Georgia	759	-	-	-	-		
Florida	767	-	-	-	-		
Kentucky	1,174	-	-	-	-		
Tennessee	1,155	-	-	-	-		
Alabama	625	-	-	-	-		
Mississippi	231	-	-	-	-		
Arkansas	12,120	5.	638	5.	638		
Louisiana	41	-	-	-	-		
Oklahoma	2,610	-	-	-	-		
Texas	1,820	15.	355	23.	544		
<b>Total</b>	<b>237,365</b>	<b>3.6</b>	<b>5,268</b>	<b>5.1</b>	<b>7,474</b>		



## 1931 - RASPBERRY

Estimated reduction in yield of raspberries due to diseases, 1931

State	Estimated reduction in yield due to diseases		
	Mosaic and Leaf Curl	Other Diseases	All Diseases
	%	%	%
Massachusetts	20.	15.	35.
Indiana	-	3.	3.
Michigan	5.	5.	10.
Wisconsin	3.	2.	5.
Minnesota	4.	5.	9.
Missouri	-	6.3	6.3
North Dakota	1.	1.	2.
Kansas	1.5	3.	4.5
Delaware	t	1.	1.
Maryland	2.	9.	11.
Virginia	2.	10.	12.
West Virginia	5.	5.	10.
Arkansas	1.	4.	5.
Texas	0.5	10.	10.5
Montana	2.	-	2.

## 1932 - RASPBERRY

Estimated reduction in yield of raspberries due to diseases, 1932

State	Estimated reduction in yield due to diseases		
	Mosaic and Leaf Curl	Other Diseases	All Diseases
	%	%	%
New Hampshire	5.	-	5.
Massachusetts	15.	15.	30.
Connecticut	2.	1.	3.
Pennsylvania	12.	26.	38.
Ohio	10.	10.	20.
Illinois	t	10.	10.
Michigan	5.	5.	10.
Wisconsin	3.	2.	5.
Minnesota	4.	3.	7.
Iowa	5.	3.	8.
North Dakota	1.	1.	2.
Kansas	1.	3.5	4.5
Virginia	5.	10.	15.
West Virginia	5.	10.	15.
Arkansas	4.	1.	5.
Texas	0.5	10.	10.5
Montana	1.	-	1.
Colorado	t	-	t
Washington	5.	2.	7.

## 1933 - RASPBERRY

Estimated reduction in yield of raspberries due to diseases, 1933

State	Estimated reduction in yield due to diseases		
	Mosaic and Leaf Curl	Other Diseases	All Diseases
	%	%	%
Maine	10.	-	10.
Massachusetts	15.	20.	35.
Connecticut	2.	1.5	3.5
Pennsylvania	15.	20.	35.
Ohio	16.	5.	21.
Michigan	5.	10.	15.
Wisconsin	3.	2.	5.
Minnesota	3.	3.	6.
Missouri	0	4.5	4.5
North Dakota	1.	1.	2.
Kansas	-	4.	4.
Maryland	3.	10.	13.
Virginia	10.	10.	20.
West Virginia	10.	11.	21.
North Carolina	5.	1.	6.
Arkansas	4.	1.	5.
Texas	1.	15.	16.
Montana	2.	-	2.
Washington	1.	2.	3.
Oregon	0	20.	20.

1931 - STRAWBERRY  
 Estimated reduction in yield of strawberries due to diseases, 1931

State	Production:		Leaf Spot		Leaf Scorch		Dwarf		Black Root and:		All Diseases:		Fruit Rots	
	Crates	1,000	%	Crates	1,000	%	Crates	1,000	%	Crates	1,000	%	Crates	1,000
Mass.		4	-	-	-	t	-	5	-	9	-	8	-	-
N. Y.	492	-	-	-	-	0	0	-	-	-	-	-	-	-
N. J.	400	-	-	-	-	0	0	-	-	-	-	-	-	-
Pa.	248	-	-	-	-	0	0	-	-	-	-	-	-	-
Ohio	208	0.1	-	-	-	0	0	0.1	-	-	-	-	-	-
Ind.	112	t	-	-	-	-	0.2	-	-	-	-	-	-	-
Ill.	205	-	-	-	-	-	-	-	-	-	-	-	-	-
Mich.	429	t	-	t	-	0	0	t	-	-	-	-	-	-
Wis.	200	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	176	-	-	-	-	-	-	-	-	-	-	-	-	-
Mo.	474	2	10	-	-	-	-	-	2	10:17.8	-	-	84	-
Kans.	48	-	-	-	-	-	-	-	-	-	-	-	-	-
Del.	140	-	-	-	-	-	-	-	-	-	-	-	-	-
Md.	258	-	-	-	-	-	-	-	-	-	-	-	-	-
Va.	370	-	-	-	-	-	-	-	-	-	-	-	-	-
N. C.	678	2	17	2	17:10	-	86	5	43:21	180	3	20	-	-
S. C.	27	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla.	655	0.5	4	0.5	4:1.5	-	11	2	15:10	74	25	164	-	-
Ky.	194	-	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	590	-	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	424	-	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	105	-	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	531	-	-	-	-	-	-	-	-	-	-	-	-	-
La.	1,870	15	351	5	117	t	-	t	20	468	0.5	9	-	-
Okla.	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	136	1	1	1	1	0	0	-	2	2	1	1	-	-
Utah	60	-	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	528	-	-	-	-	-	-	-	-	-	-	-	-	-
Oreg.	695	-	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	855	-	-	-	-	-	-	-	-	-	-	-	-	-
U. S.	11,156	7	383	2.5	139	1.8	97	1.1	58	13.4	734	7.3	278	-

1932 - STRAWBERRY																						
Estimated reduction in yield of strawberries due to diseases, 1932																						
Estimated reduction in yield due to diseases																						
State	Production:			Leaf Spot			Leaf Scorch			Dwarf			Black Root Rot			All Diseases			Fruit Rots			
	1,000	Crates	%	1,000	Crates	%	1,000	Crates	%	1,000	Crates	%	1,000	Crates	%	1,000	Crates	%	1,000	Crates	%	
Mass.			1.																			
N. Y.	521					0																
N. J.	678					0																
Pa.	276					0																
Ohio	280		0.1			0						0.1										
Ind.	159																					
Ill.	333																					
Mich.	396																					
Wis.	235																					
Iowa	218																					
Mo.	685																					
Kans.	57																					
Del.	324																					
Md.	608																					
Va.	413																					
N. C.	496		4.	26	2.		13	10.		64	5.		32	23.		148	10.					50
S. C.	32																					
Ga.	17																					
Fla.	616		0.5	4	0.5		4	1.5		11	2.		14	14.		101	13.					80
Ky.	479																					
Tenn.	705																					
Ala.	280																					
Miss.	128																					
Ark.	1,040																					
Ia.	1,504		15.	293	8.		156									449						
Okla.	51																					
Tex.	126																					
Utah	100																					
Wash.	736																					
Oreg.	970																					
Calif.	906																					
U. S.	17,760		0	327	11.8		173	21.		75	1.3		46	19.5		698						130

1933 - STRAWBERRY

Estimated reduction in yield of strawberries due to diseases, 1933

State	Production:				Estimated reduction in yield due to diseases				:Black Root and:				
	1,000 Crates	Leaf Spot %	Leaf Scorch %	Dwarf %	Root Rots %	All Diseases %	Fruit Rots %	1,000 Crates	1,000 Crates	1,000 Crates	1,000 Crates	1,000 Crates	1,000 Crates
N. Y.	457	-	-	0	0	-	-	-	-	-	-	-	-
N. J.	630	-	-	0	0	-	-	-	-	-	-	-	-
Pa.	239	-	-	0	0	-	-	-	-	-	-	-	-
Ohio	250	0.1	-	0	0	-	0.1	-	-	-	-	-	-
Ind.	183	-	-	-	-	-	-	-	-	-	-	-	-
Ill.	420	-	-	-	-	-	-	-	-	-	-	-	-
Mich.	361	-	-	0	0	-	-	-	-	-	-	-	-
Wis.	195	-	-	0	0	-	-	-	-	-	-	-	-
Minn.	145	-	-	0	0	-	50.	-	-	-	-	-	-
Iowa	622	1.	-	6	0	-	-	-	-	12.	4.	-	25
Mo.	45	-	-	-	0	-	-	-	-	-	-	-	-
Kans.	468	-	-	-	-	-	-	-	-	-	-	-	-
Del.	845	-	-	-	-	-	-	-	-	-	-	-	-
MD.	595	-	-	-	35:10.	-	-	70:15.	-	105:	-	-	-
Va.	650	3.	-	25	83: 5.	-	-	42:22.	-	184:	6.	-	39
N. C.	44	-	-	-	-	-	-	-	-	-	-	-	-
S. C.	24	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	784	1.	-	9	28: 2.	-	-	18:15.	-	138:	5.	-	39
Fla.	450	-	-	-	-	-	-	-	-	-	-	-	-
Ky.	1,000	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	334	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	124	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	800	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	1,248	15.	-	234	78:	-	-	20.	-	312:	8.	-	100
La.	50	-	-	-	-	-	-	-	-	-	-	-	-
Okla.	80	-	-	-	-	-	-	-	-	-	-	-	-
Tex.	93	-	-	-	-	-	-	-	-	-	-	-	-
Utah	360	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	297	-	-	-	-	-	-	-	-	-	-	-	-
Oreg.	924	-	-	-	-	-	-	-	-	-	-	-	-
Calif.	12,718	5.6	-	274	100: 3.	-	-	146: 2.7	-	130: 15.4	-	-	751: 6.1
U. S.													203