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THE PLANT DISEASE REPORTER

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Division of Mycology and Disease Survey

Supplement 87

Crop Losses from Plant Diseases in the United States

1931, 1932, and 1933

June 15, 1935

BUREAU OF PLANT INDUSTRY

UNITED STATES DEPARTMENT OF AGRICULTURE

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

Compiled by

Jessie I. Wood

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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 triticipina*) 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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Estimated reduction in yield of wheat due to diseases, 1931

[illegible]

1931 - Wheat (continued)

Production:		Estimated reduction in yield of wheat due to diseases											
State	1,000 Bushels	Scab	Leaf Rust	Stem Rust	Smut	Stinking	Loose Smut	Foot Rots	All Diseases				
		% : Bushels: 1,000 :	% : Bushels: 1,000 :	% : Bushels: 1,000 :	% : Bushels: 1,000 :	% : Bushels: 1,000 :	% : Bushels: 1,000 :	% : Bushels: 1,000 :	% : Bushels: 1,000 :				
Ala.	50:	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	475:	0	t	-	-	t	-	-	-	-	-	-	-
Okla.	74,919:	-	5.	-	-	-	-	0.5:	396:	5.5:	4,360	15	
Tex.	57,433:	1.	618:	1.	1,236:	618:	2.	-	1,236:	-	4,388		
Mont.	14,634:	0	t.	0	808:	5.	0.5:	3.6:	582:	9.1:	1,471		
Idaho	19,641:	-	-	-	-	-	-	-	-	-	-	-	-
Wyo.	2,146:	-	-	t	-	-	-	-	-	-	-	-	-
Colo.	16,552:	-	0	t	-	-	t	5.	871:	5.	871		
N. Mex.	5,112:	-	-	-	-	-	-	-	-	-	-	-	-
Ariz.	672:	-	-	-	-	-	-	-	-	-	-	-	-
Utah	4,679:	-	-	-	-	1.	-	-	-	1.	47		
Nev.	319:	-	-	-	-	-	-	-	-	-	-	-	-
Wash.	40,843:	-	-	-	-	3.	1,263:	-	-	3.	1,263		
Oreg.	17,662:	-	5.	-	930:	-	-	-	-	5.	930		
Calif.	6,475:	-	5.	-	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

State	Production: : 1,000 : Bushels	Estimated reduction in yield of wheat due to diseases									
		Scab	Leaf Rust	Stem Rust	Stinking	Smut	Loose Smut	Foot Rots	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 : %
Me.	65	-	-	-	-	-	-	-	-	-	-
N. Y.	4,086	0	84	t	t	-	42	t	-	-	126
N. J.	1,008	-	-	-	-	-	-	-	-	-	-
Pa.	13,465	t	4,987	t	3	598	3.5	698	t	-	6,482
Ohio	32,456	t	169	t	1.5	508	1	339	0.1	34	1,423
Ind.	23,502	-	2,611	t	-	-	-	-	-	-	2,611
Ill.	24,978	t	2,819	t	0.5	141	0.9	254	0	0	3,214
Mich.	16,771	t	92	0.3	5	925	3	555	t	-	1,719
Wis.	2,109	0.1	2	0	1	22	1	22	t	-	48
Minn.	20,839	t	220	1.5	0.8	176	1	220	1	220	1,166
Iowa	4,350	1.5	9	t	0.2	9	1	45	-	-	130
Mo.	15,733	-	-	-	-	-	-	-	-	-	-
N. Dak.	110,396	t	-	2	3	3,561	0.5	594	0.5	594	8,310
S. Dak.	53,468	-	-	t	2	1,091	-	-	-	-	1,091
Nebr.	27,958	-	-	0.8	1.5	429	-	-	-	-	658
Kans.	120,178	0	1,981	0.5	2	2,641	0.5	660	4.5	5,943	11,885
Del.	908	-	-	-	-	-	-	-	-	-	-
Md.	4,940	1.5	165	0	3	165	1	55	-	-	549
Va.	6,253	0.5	275	1	2.5	172	1	69	-	-	619
W. Va.	1,276	t	184	t	1.5	28	5	92	5	92	561
N. C.	3,572	1	38	0	1	38	1	38	1	38	267
S. C.	760	-	87	2	t	-	1	9	-	-	113
Ga.	703	-	78	t	-	-	-	-	-	-	78
Ky.	2,835	-	-	-	-	-	-	-	-	-	-
Tenn.	2,584	-	136	-	-	-	-	-	-	-	136
Ala.	60	-	-	-	-	-	-	-	-	-	-

1932 - Wheat (continued)

Production:		Estimated reduction in yield of wheat due to diseases									
State	1,000 Bushels	Scab	Leaf Rust	Stem Rust	Stinking Smut	Loose Smut	Foot Rots	All Diseases			
		% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels
Ark.	248	-	- : 10.	-	-	-	-	-	-	-	44
Okla.	43,626	-	- : 2.	-	-	-	-	-	-	-	1,350
Tex.	28,293	0.1	31 : 1.	629	0.5	157	2.	315	2.	629	3,178
Mont.	55,610	0	0 : 0.1	-	1.	582	0.3	175	3.	1,745	2,560
Idaho	30,656	-	-	-	-	-	-	-	-	-	-
Wyo.	3,102	-	-	0	-	-	-	-	-	-	-
Colo.	7,135	-	- : t	-	t	-	-	-	-	-	-
N. Mex.	2,027	-	-	-	-	-	-	-	-	-	-
Ariz.	798	-	-	-	-	-	-	-	-	-	-
Utah	5,332	-	-	-	2.	109	-	-	-	-	109
Nev.	451	-	-	-	-	-	-	-	-	-	-
Wash.	40,348	0	0 : t	-	3.	1,251	t	-	t	-	1,681
Oreg.	20,060	-	- : 2.	-	-	-	-	-	-	-	409
Calif.	11,126	-	- : 1.	-	-	-	-	-	-	-	112
U. S.	744,076	t	593 : 2.1	4,363	1.7	12,613	0.6	4,182	1.3	9,745	50,629

1933 - WHEAT

Estimated reduction in yield of wheat due to diseases, 1933

Production:		Estimated reduction in yield of wheat due to diseases											
State	1,000 Bushels	Scab	Leaf Rust	Stem Rust	Stinking	Loose Smut	Foot Rots	All Diseases					
		: 1,000 : % :Bushels:	: 1,000 : % :Bushels:	: 1,000 : % :Bushels:	: 1,000 : % :Bushels:	: 1,000 : % :Bushels:	: 1,000 : % :Bushels:	: 1,000 : % :Bushels:					
Me.	120:	-	-	t	-	-	-	-	-	-	-	-	-
N. Y.	4,512:	-	-	-	-	1.	46:	-	1.	-	-	-	46
N. J.	990:	-	-	-	-	-	-	-	-	-	-	-	-
Pa.	15,783:	1.	196:	9.	1,765:	t	784:	t	19.5:	-	-	-	3,823
Ohio	34,812:	0.5:	181:	0.5:	181:	t	363:	t	4.	-	-	-	1,450
Ind.	22,484:	t	t	5.	1,190:	0	119:	-	5.5:	-	-	-	1,309
Ill.	27,418:	0.2:	59:	5.	1,480:	0	355:	t	7.4:	-	-	-	2,190
Mich.	13,457:	t	-	t	-	3.	434:	0.5:	72:	7.	-	-	1,012
Wis.	1,616:	t	-	0	-	t	-	t	-	t	-	-	-
Minn.	16,665:	0	0	t	85:	1.	169:	-	1.5:	-	-	-	254
Iowa	4,159:	t	-	0	8:	0.2:	42:	-	1.3:	-	-	-	54
Mo.	16,639:	1.5:	282:	0.4:	75:	0.2:	376:	2.5:	471:	11.6:	-	-	2,183
N. D.	65,386:	t	-	0	-	2.	1,361:	0.4:	340:	3.9:	-	-	2,653
S. D.	5,120:	-	-	0	-	-	-	-	-	-	-	-	-
Nebr.	29,206:	-	-	-	-	2.	596:	-	2.	-	-	-	596
Kans.	57,504:	0	0	t	-	1.	593:	0.1:	1,187:	3.1:	-	-	1,839
Del.	1,078:	-	5:	0.5:	-	0.5:	5:	t	1.	-	-	-	10
Md.	6,320:	1.5:	110:	4.	294:	0	147:	1.5:	14.	-	-	-	1,028
Va.	7,425:	0.7:	58:	4.5:	372:	1.	83:	-	10.2:	-	-	-	844
W. Va.	1,798:	0.5:	10:	5.0:	100:	-	20:	1.5:	10.	-	-	-	200
N. C.	3,714:	1.	41:	t	-	2.	82:	1.	82:	9.	-	-	368
S. C.	592:	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	536:	-	-	10.	60:	-	-	-	10.	-	-	-	60
Ky.	3,240:	-	-	-	-	-	-	-	-	-	-	-	-
Tenn.	2,774:	-	-	-	-	-	-	-	-	-	-	-	-

1933 - Wheat (continued)

Production:		Estimated reduction in yield of wheat due to diseases									
State	Buskels	Scab	Leaf Rust	Stem Rust	Stinking	Loose Smut	Foot Rot	ALL Diseases			
		% : Bushels:	% : Bushels:	% : Bushels:	% : Bushels:	% : Bushels:	% : Bushels:	% : Bushels:			
Ala.	34:	-	-	-	-	-	-	-	-	-	-
Ark.	216:	-	12:	-	-	-	-	-	-	-	-
Okla.	33,095:	-	-	-	-	-	-	-	-	-	-
Tex.	13,022:	0.5:	72:	239:	289:	145:	289:	166:	1.:	166:	0.5:
Mont.	27,194:	0:	0:	0:	0:	1,139:	142:	1,446:	-	1,446:	1.:
Idaho	13,365:	-	-	-	-	-	-	-	-	-	-
Wyo.	2,138:	-	-	-	-	-	-	-	-	-	-
Colo.	5,912:	-	0:	0:	0:	0:	0:	-	-	-	-
N. Mex.	1,485:	-	-	-	-	-	-	-	-	-	-
Ariz.	1,288:	-	-	-	-	-	-	-	-	-	-
Utah	4,079:	-	-	-	-	41:	-	-	-	-	1.:
Nev.	375:	-	-	-	-	-	-	-	-	-	-
Wash.	45,249:	0:	0:	-	-	2,434:	-	-	t:	-	5.:
Oreg.	17,492:	-	t:	-	0:	367:	-	-	1.7:	312:	4.7:
Calif.	12,118:	-	-	-	-	-	-	-	-	-	-
U. S.	527,413:	0.2:	1,009:	5,823:	372:	8,762:	3,714:	2,775:	0.6:	2,775:	5.3:

1931 - BARLEY

Estimated reduction in yield of barley due to diseases, 1931

Production:		Estimated reduction in yield of barley due to diseases									
State	Production: : 1,000 : Bushels	Stripe : 1,000 : Bushels	Loose Smut : 1,000 : Bushels	Covered Smut : 1,000 : Bushels	Leaf Rust : 1,000 : Bushels	Ster. Rust : 1,000 : Bushels	All Diseases : 1,000 : Bushels	%	%	%	%
Maine	87:	-	-	-	-	-	-	-	-	-	-
Vt.	150:	-	-	-	-	-	-	-	-	-	-
Conn.	:	-	-	-	-	-	-	-	-	-	-
N. Y.	4,325:	t	138:	2:	t	-	-	1:	6:	276	-
N. J.	32:	-	-	-	-	-	-	-	-	-	-
Pa.	1,590:	-	-	-	-	-	-	-	-	-	-
Ohio	2,736:	-	3:	t	1.5:	44:	0.5:	15:	7.2:	212	-
Ind.	1,293:	-	-	-	-	-	-	-	-	-	-
Ill.	6,613:	-	-	-	-	-	-	-	-	-	-
Mich.	7,228:	0.1:	37:	0.7:	0.1:	7:	t	266:	3:	266	-
Wis.	19,006:	1:	200:	2.5:	t	-	t	-	2.4:	177	-
Minn.	37,480:	2.5:	997:	2:	0.5:	199:	0	-	5:	1,000	-
Iowa	13,546:	-	-	-	-	-	0.5:	69:	1.5:	2,391	-
Mo.	552:	-	-	-	-	-	-	-	t	297	-
N. D.	13,482:	0.5:	95:	1:	-	192:	t	-	3.5:	671	-
S. D.	15,680:	t	-	1:	-	344:	t	-	3:	516	-
Nebr.	14,091:	-	-	-	-	-	-	-	-	-	-
Kans.	3,726:	0.5:	46:	4:	0.5:	46:	t	-	5:	459	-
Del.	:	-	-	t	-	-	-	-	-	-	-
Ma.	528:	t	-	1:	6:10:	59:	t	-	11:	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						
	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.	332:	-	-	-	-	-	-	-	-				
Okla.	2,457:	-	-	-	-	-	-	-	-				
Tex.	5,194:	-	1.	52:	-	-	-	1.	52				
Mont.	1,946:	1.	21:	21:	2:	0	0	9.	192				
Idaho	4,103:	-	-	-	-	-	-	-	-				
Wyo.	1,568:	-	-	-	-	-	-	-	-				
Colo.	7,099:	-	t	-	t	-	-	-	-				
N. Mex.	253:	-	-	-	-	-	-	-	-				
Ariz.	320:	-	-	-	-	-	-	-	-				
Utah	1,216:	-	-	-	-	-	-	-	-				
Nev.	155:	-	-	-	-	-	-	-	-				
Wash.	1,333:	-	-	-	-	-	-	-	-				
Oreg.	2,072:	-	-	-	-	-	-	-	-				
Calif.	13,776:	-	-	-	-	-	-	-	-				
U. S.	198,965:	0.9:	1,389:	2,313:	0.7:	t	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														
Production:														
State	Bushels	Striue	Loose Smut		Covered Smut		Leaf Rust		Stem Rust		All Diseases			
	1,000	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	
Maine	120:	-	-	-	-	-	-	-	-	-	-	-	-	
Vt.	140:	-	-	-	-	-	-	-	-	-	-	-	-	
Conn.	3,926:	0	1.	-	-	-	-	1.	-	-	-	2.	-	
N. Y.	25:	-	-	-	-	-	-	-	-	-	-	-	-	
N. J.	1,725:	7.	153:	3.	56:	6.	131:	4.	87:	t	-	21.	459	
Pa.	1,890:	-	-	1.	22:	0.2:	4:	1.5:	33:	t	-	12.8:	279	
Ohio	800:	-	-	-	-	-	-	-	-	t	-	-	-	
Ind.	10,574:	-	-	-	-	-	-	-	-	1.	-	107:	127	
Ill.	6,340:	t	-	0.5:	33:	1.	65:	t	-	0.5:	-	33:	164	
Mich.	23,670:	0.5:	124:	2.5:	621:	0.1:	25:	0.1:	25:	0	-	0	1,167	
Wis.	47,232:	2.	994:	1.5:	746:	0.5:	249:	0	0	t	-	5.	2,486	
Minn.	15,100:	5.	987:	1.5:	296:	0.2:	39:	0	0	0.3:	-	153:	4,638	
Iowa	323:	-	-	-	-	-	-	-	-	-	-	-	-	
Mo.	40,392:	0.5:	209:	1.	419:	1.	419:	-	-	t	-	3.5:	1,456	
N. Dak.	47,630:	-	-	-	-	-	-	-	-	t	-	-	-	
S. Dak.	18,360:	-	-	-	-	-	-	-	-	t	-	-	-	
Nebr.	9,856:	2.	214:	5.	536:	1.	107:	t	-	0.7:	-	129:	129	
Kans.	609:	0.5:	3:	1.	7:	7.5:	50:	t	-	t	-	-	857	
Md.													60	

1932 - 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				
		%	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels
Va.	765:	2.	17:	3.	25:	t	-	t	-	8.5:	71
W. Va.	114:	10.	15:	2.	3:	2.	3:	-	-	24.	37
N. C.	285:	1.	3:	1.	3:	-	-	-	-	4.	12
Ky.	200:	-	-	-	-	-	-	-	-	-	-
Tenn.	324:	-	-	-	-	-	-	-	-	-	-
Okla.	1,725:	-	-	-	-	-	-	-	-	-	-
Tex.	3,570:	0.5:	19:	1.	38:	0.5:	19:	1.	38:	6.	227
Mont.	3,900:	1.	41:	1.	81:	0	0	t	-	4.	163
Idaho	5,868:	-	-	-	-	-	-	-	-	-	-
Wyö.	2,540:	-	-	-	-	-	-	0	0	-	-
Colo.	7,244:	t	-	1.	73:	t	-	t	-	1.	73
N. Mex.	221:	-	-	-	-	-	-	-	-	-	-
Ariz.	735:	-	-	-	-	-	-	-	-	-	-
Utah	1,716:	-	-	-	-	-	-	-	-	-	-
Nev.	266:	-	-	-	-	-	-	-	-	-	-
Wash.	1,920:	t	-	1.	19:	t	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:	0.2:	465:	6.	12,424

1933 - BARLEY

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Estimated reduction in yield of barley due to diseases, 1933

Production:		Estimated reduction in yield of barley due to diseases									
State	1,000 Bushels	Stripe	Loose Smut	Covered Smut	Leaf Rust	Stem Rust	All Diseases				
		% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels				
Maine	155	t	t	-	-	-	-	-	-	-	-
Vt.	96	-	-	-	-	-	-	-	-	-	-
Conn.		-	-	0.5	-	-	1.3	-	-	-	-
N. Y.	3,300	-	-	-	-	-	-	-	-	-	-
N. J.	28	-	-	t	-	-	-	-	-	-	-
Pa.	2,025	2	96	2.7	2	t	19.5	490	-	-	-
Chio.	660	-	7	t	1.5	11	6.5	47	-	-	-
Ind.	260	-	-	-	-	-	-	-	-	-	-
Ill.	4,785	0.3	15	1.5	75	-	4.8	241	-	-	-
Mich.	3,250	-	17	1	33	-	2	67	-	-	-
Wis.	17,710	0.5	94	2.5	468	-	5.3	993	-	-	-
Minn.	28,675	1	300	0.5	150	0	4.5	1,351	-	-	-
Iowa	8,512	3	283	1.5	142	19	9.8	925	-	-	-
Mo.	204	-	-	-	-	-	-	-	-	-	-
N. D.	16,300	-	-	0.5	94	0	3	565	-	-	-
S. D.	3,451	-	-	-	-	-	-	-	-	-	-
Nebr.	3,390	-	-	-	-	-	-	-	-	-	-
Kans.	3,264	1	34	2	68	0	3.5	119	-	-	-
La.	593	1	7	7	46	3	9.5	53	-	-	-

1933 - Barley (continued)

[illegible]

Estimated reduction in yield of rye due to diseases, 1931

State	Estimated reduction in yield due to diseases										
	Production										
	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
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	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

:Produced:		Estimated reduction in yield due to diseases									
State	: tion :	: Smut :	: Ergot :	: Leaf Rust :	: Stem Rust :	: All Diseases :					
	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :				
	: Bushels: %	: Bushels: %	: Bushels: %	: Bushels: %	: Bushels: %	: Bushels: %	: Bushels: %	: Bushels: %	: Bushels: %	: 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: 0.1:	: 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 :	: 1. :	: 122:			
S. D.	: 7,125: - :	: - :	: - :	: - :	: - :	: 0 :	: 0 :	: - :			
Nebr.	: 2,330: - :	: - :	: - :	: - :	: - :	: 0.7:	: 20:	: 0.7:	: 20:		
Kans.	: 209: - :	: - :	: - :	: - :	: 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 :	: t :			
Idaho	: 48: - :	: - :	: - :	: - :	: - :	: - :	: - :	: - :			
Wyo.	: 156: - :	: - :	: - :	: - :	: - :	: 0 :	: 0 :	: - :			
Colo.	: 150: - :	: - : t :	: - :	: - :	: - :	: 0 :	: 0 :	: t :			
Utah	: 24: - :	: - :	: - :	: - :	: - :	: - :	: - :	: - :			
Wash.	: 96: 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:					

Estimated reduction in yield of rye due to diseases, 1933

State	Production		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.		-		t		5.		-		5.	-
Conn.		0		-		0.5:		0.5:		1.5:	-
N. Y.	240:	-		-		-		-		-	-
N. J.	352:	-		-		-		-		-	-
Pa.	1,606:	t		t		5.	39:	t		10.:	178
Ohio	638:	-		0.1:	1:	1.	7:	0	0	2.1:	15
Ind.	390:	-		-		1.	9:	0	0	1.	9
Ill.	625:	t		0	0	t		0	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	0.5:	19
S. D.	760:	-		-		-		0	0	-	-
Nebr.	1,712:	-		-		-		-		-	-
Kans.	128:	0		0	0	0	t		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	-	-
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	Estimated reduction in yield due to diseases									
	Production:									
	1,000	Loose and								
	Bushels	Covered Smut	Stem Rust	Crown Rust	All Diseases					
		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
		%	Bushels	%	Bushels	%	Bushels	%	Bushels	Bushels
Maine	3,776	-	-	-	-	-	-	-	-	-
N. H.	228	-	-	-	-	-	-	-	-	-
Vt.	1,952	-	-	-	-	-	-	-	-	-
Mass.	132	12.	19	t	-	t	-	15.	24	24
R. I.	62	-	-	-	-	-	-	-	-	-
Conn.	232	-	-	-	-	-	-	1.5	4	4
N. Y.	24,596	3.	793	t	-	4.	1,058	7.	1,851	1,851
N. J.	1,333	-	-	-	-	-	-	-	-	-
Pa.	28,143	15.	4,966	-	-	-	-	15.	4,966	4,966
Ohio	62,138	4.	2,619	1.	655	t	-	5.1	3,339	3,339
Ind.	61,339	1.	623	0.5	311	t	-	1.5	934	934
Ill.	142,188	1.5	2,233	3.	4,467	-	-	4.5	6,700	6,700
Mich.	43,768	2.	1,026	12.	6,157	0.2	103	14.7	7,543	7,543
Wis.	68,852	5.	3,694	1.5	1,108	0.3	222	6.8	5,024	5,024
Minn.	123,525	3.	3,860	1.	1,287	t	-	4.	5,147	5,147
Iowa	186,806	10.	20,872	0.5	1,044	t	-	10.5	21,916	21,916
Mo.	50,355	3.5	1,830	0	0	0.2	105	3.7	1,935	1,935
N. D.	18,276	0.5	93	t	-	t	-	1.5	279	279
S. D.	20,068	2.	409	t	-	-	-	2.	409	409
Nebr.	49,686	2.	1,014	t	-	-	-	2.	1,014	1,014
Kans.	41,085	4.	1,306	t	-	t	-	9.	4,063	4,063
Del.	105	t	-	-	-	t	-	t	-	-
Md.	2,010	5.	106	t	-	t	-	5.	106	106
Va.	4,838	6.	330	1.	55	5.	275	12.	660	660
W. Va.	3,552	1.5	58	-	-	5.	192	7.5	288	288
N. C.	4,531	0.3	14	-	-	t	-	2.	93	93
S. C.	9,450	1.	95	-	-	-	-	1.	95	95
Ga.	7,968	3.	251	1.5	125	0.1	8	4.6	384	384
Fla.	162	5.	10	2.	4	15.	31	22.	45	45
Ky.	4,872	2.	99	-	-	-	-	2.	99	99
Tenn.	2,760	-	-	-	-	-	-	-	-	-
Ala.	3,366	-	-	-	-	5.	177	5.	177	177
Miss.	1,325	-	-	-	-	5.	70	5.	70	70
Ark.	4,160	10.	520	t	-	10.	520	20.	1,040	1,040
La.	754	3.	26	t	-	10.	87	13.	113	113
Okla.	43,206	2.	882	-	-	-	-	2.	882	882
Tex.	59,976	10.	6,777	0.5	339	1.	678	11.5	7,794	7,794
Mont.	2,654	6.	177	0	0	t	-	10.	295	295
Idaho	3,944	3.	122	-	-	-	-	3.	122	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	158
Oreg.	7,136	1.	76	1.5	113	3.	227	5.5	416	416
Calif.	1,273	t	-	t	-	2.	26	2.	26	26
U. S.	1,112,142	4.7	55,479	1.3	15,565	0.3	3,858	6.7	73,011	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	Loose and								
	Bushels	Covered Smut:	Stem Rust	Crown Rust	All Diseases					
		1,000	1,000	1,000	1,000					
		%	Bushels	%	Bushels	%	Bushels	%	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.	30	5.	5	-	-	20.	21	25.	26	
Ky.	2,349	1.	24	-	-	-	-	1.	24	
Tenn.	1,910	1.	19	-	-	-	-	1.	19	
Ala.	1,435	-	-	-	-	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.	983	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

	Production:	Estimated reduction in yield due to diseases							
	1,000	Loose and							
State	Bushels	Covered Smut:	Stem Rust	Crown Rust	All Diseases				
		1,000:	1,000	1,000	1,000				
		%	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.	368:	3.	363
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:	5.	205
N. C.	3,977:	2.	92:	6.	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

: Production: Estimated reduction in yield of corn due to diseases										
: 1,000 :										
State	Bushels		Smut		Leaf Rust		Brown Spot		Black Bundle	
			1,000		1,000		1,000		1,000	
		%	Bushels	%	Bushels	%	Bushels	%	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 Bushels:
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.	897
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	Estimated reduction in yield of corn due to disease							
	Production:							
	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:	18:	0	t	-	-
R. I.	351:	-	-	0	0	-	-	-
Conn.	2,268:	1.5:	36:	12:	0	-	-	-
N. Y.	20,405:	-	-	0	0	-	-	-
N. J.	6,930:	-	-	0	0	-	-	-
Pa.	46,435:	4.	2,381:	t	0	1.	595	-
Ohio	121,872:	3.	3,369:	t	0	-	-	-
Ind.	173,962:	-	-	-	0	-	-	-
Ill.	402,179:	1.7:	8,743:	-	0	3.	15,429	-
Mich.	46,431:	5.	2,510:	t	0	0	0	-
Wis.	80,808:	1.5:	1,241:	t	0	0	0	-
Minn.	180,492:	5.	9,500:	0	0	-	-	-
Iowa	509,507:	5.	30,184:	0	-	-	-	-
Mo.	197,396:	-	-	-	-	-	-	-
N. D.	26,676:	3.	842:	t	0	-	-	-
S. D.	73,941:	-	-	-	0	-	-	-
Nebr.	269,293:	3.	8,329:	-	-	-	-	-
Kans.	136,197:	1.	1,419:	t	-	-	-	-
Del.	4,263:	-	-	-	0	-	-	-
Md.	16,440:	-	-	-	0	-	-	-
Va.	26,928:	3.	393:	-	-	t	-	-
W. Va.	11,150:	5.	743:	t	0	-	-	-
N. C.	34,830:	3.	1,161:	-	17:	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	-	-
La.	17,906:	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	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
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

Page

Bund
1,000
Bushels

595

5,429

0

0

117

0

1,14

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									
	Bushels		Smut		Leaf Rust		Brown Rot		Black Bundle	
			1,000		1,000		1,000		1,000	
		%	Bushels	%	Bushels	%	Bushels	%		
Maine	697	t	-	t	-	0	0	-	-	-
N. H.	600	-	-	-	-	0	0	-	-	-
Vt.	2,520	-	-	-	-	0	0	-	-	-
Mass.	1,520	8.	156	2.	39	0	0	-	-	-
R. I.	410	-	-	-	-	0	0	-	-	-
Conn.	2,067	1.5	34	0.3	7	0	0	-	-	-
N. Y.	17,546	-	-	t	-	0	0	-	-	-
N. J.	6,012	-	-	-	-	0	0	-	-	-
Pa.	50,560	4.	2,528	t	-	0	0	1.	632	-
Ohio	112,694	5.	6,092	-	-	0	0	-	-	-
Ind.	125,906	0.2	256	t	-	0	0	0.4	533	-
Ill.	224,748	1.5	4,742	0	0	0	0	4.	12,644	-
Mich.	42,315	5.	2,300	t	-	0	0	t	-	-
Wis.	77,980	2.	1,603	t	-	0	0	0	0	-
Minn.	142,957	5.	7,524	0	0	0	0	-	-	-
Iowa	439,951	6.	29,527	-	-	0	0	-	-	-
Mo.	141,446	1.	1,478	0.1	148	t	-	t	-	-
N. D.	20,010	2.	417	0	0	0	0	-	-	-
S. D.	40,440	-	-	-	-	0	0	-	-	-
Nebr.	234,698	3.	7,259	-	-	0	0	-	-	-
Kans.	80,431	3.	2,581	0	0	0	0	-	-	-
Del.	3,625	t	-	-	-	0	0	-	-	-
Md.	14,000	0.5	78	t	-	0	0	-	-	-
Va.	36,918	4.	1,678	-	-	0	0	1.5	629	-
W. Va.	13,920	4.	640	-	-	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	-	-	-
Idaho	1,950	-	-	-	-	0	0	-	-	-
Wyo.	2,080	-	-	-	-	0	0	-	-	-
Colo.	22,044	0	0	-	-	0	0	-	-	-
N. Mex.	3,332	-	-	-	-	0	0	-	-	-
Ariz.	738	-	-	-	-	0	0	-	-	-
Utah	483	-	-	-	-	0	0	-	-	-
Nev.	44	-	-	-	-	0	0	-	-	-
Wash.	1,558	t	-	0	0	0	0	0	0	-
Oreg.	2,414	-	-	-	-	0	0	-	-	-
Calif.	2,800	-	-	-	-	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	2,164
Minn.	-	-	-	-	-	-	5.	7,524
Iowa	-	-	4.6	22,637	-	-	10.6	52,164
Mo.	1.5	2,217	1.5	2,217	t	-	4.3	6,356
N. D.	-	-	1.	208	-	-	4.	833
S. D.	-	-	-	-	-	-	-	-
Nebr.	-	-	-	-	-	-	3.	7,259
Kans.	0.5	430	1.	860	2.	1,720	6.5	5,591
Del.	-	-	-	-	-	-	-	-
Md.	5.5	860	3.5	547	1.	156	10.5	1,641
Va.	t	-	2.5	1,049	3.5	1,468	12.	5,034
W. Va.	2.5	400	2.5	400	4.	640	13.	2,080
N. C.	-	-	5.	2,486	-	-	11.	5,469
S. C.	-	-	-	-	-	-	-	-
Ga.	-	-	-	-	-	-	-	-
Fla.	12.	808	-	-	-	-	20.	1,344
Ky.	-	-	-	-	-	-	-	-
Tenn.	-	-	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-
Miss.	-	-	-	-	-	-	-	-
Ark.	-	-	t	-	t	-	2.	560
La.	-	-	-	-	-	-	-	-
Okla.	-	-	-	-	-	-	-	-
Tex.	1.	866	4.	3,464	2.	1,732	13.6	11,778
Mont.	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Wyo.	-	-	-	-	-	-	-	-
Colo.	-	-	-	-	-	-	-	-
N. Mex.	-	-	-	-	-	-	-	-
Ariz.	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-
Wash.	0	0	t	-	t	-	t	-
Oreg.	2.	50	t	-	-	-	2.5	62
Calif.	-	-	-	-	-	-	-	-
U. S.	1.	22,632	3.7	78,971	1.7	35,544	10.9	234,655

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	%		
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.	23,800	-	-	-	-	-	-	-	-	-
Minn.	37,700	-	-	-	-	-	-	-	-	-
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	5,228	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

Diseases	*Production:			Estimated reduction in yield due to diseases							
	State	Tons	%	Smut Tons	Bacterial Wilt %	Diplodia Tons	%	All Diseases Tons	%	Tons	
472	Maine	29,200:	-	-	-	-	-	-	-	-	-
1,244	N. H.	1,600:	-	-	-	-	-	-	-	-	-
4,251	Vt.	1,000:	-	-	-	-	-	-	-	-	-
13,397	Mass.	-	10.	-	0.5:	-	-	-	10.5:	-	-
1,341	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:	2.	1,766:	5.	1,104:	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:	-	-	-	-	-	-	-	-	-
20,395	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

*Production:		Estimated reduction in yield due to diseases							
State :	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:	13. :	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. :	- :	- :	- :	23. :	-
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 :	: 1,000 :	: Bushels :	%	: Bushels :	%
		%	: Bushels :	%	: Bushels :	%	: Bushels :	%	: Bushels :	%
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. :	15:	3.:	10:	8. :	26:	5. :	15	
Mo.	: 900:	2. :	19:	2.:	19:	4. :	33:	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.	: 2,880:	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	

35,762

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	:	Black Rot	:	All Diseases	:	Storage Rot	:					
	Bushels	:	1,000	:	1,000	:	1,000	:	1,000	:					
		:	%	:	%	:	%	:	%	:					
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	:	12
Mo.	900	:	-	:	-	:	-	:	-	:	-	:	-	:	-
Kans.	720	:	5.	:	40	:	4.	:	32	:	10	:	30	:	53
Del.	805	:	5.	:	43	:	2.	:	17	:	7	:	60	:	40
Md.	888	:	2.	:	13	:	0.5	:	5	:	3.5	:	32	:	44
Va.	3,610	:	15.	:	645	:	t	:	-	:	16	:	688	:	722
N. C.	7,990	:	8.	:	761	:	3.	:	235	:	16	:	1,522	:	1,598
S. C.	6,072	:	1.	:	65	:	3.	:	194	:	6	:	383	:	2,429
Ga.	8,938	:	t	:	-	:	-	:	-	:	-	:	-	:	894
Fla.	1,500	:	2.	:	34	:	4.	:	67	:	11	:	185	:	180
Ky.	2,200	:	-	:	-	:	-	:	-	:	-	:	-	:	-
Tenn.	6,600	:	-	:	-	:	-	:	-	:	-	:	-	:	-
Ala.	8,585	:	-	:	-	:	-	:	-	:	-	:	-	:	-
Miss.	7,900	:	-	:	-	:	-	:	-	:	-	:	-	:	-
Ark.	2,660	:	5.	:	153	:	5.	:	153	:	13	:	398	:	399
La.	5,544	:	t	:	-	:	-	:	-	:	-	:	-	:	-
Okla.	1,584	:	-	:	-	:	-	:	-	:	-	:	-	:	-
Tex.	7,600	:	0.5	:	45	:	10.	:	900	:	15.6	:	1,404	:	760
Calif.	1,300	:	t	:	-	:	-	:	-	:	-	:	-	:	-
U. S.	78,431	:	5.	:	1,974	:	4.2	:	1,684	:	12.4	:	4,958	:	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
N. J.	1,925	5.	105	2.	42	8.	168	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	-	-	-	-	-	-	-	-	
Oklā.	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

Production:		Estimated reduction in yield due to diseases							
State	1,000 Bushels	Mosaic	Leaf Roll	Late Blight	Rhizoctonia				
		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
		%	Bushels	%	Bushels	%	Bushels	%	Bushels
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)

Estimated reduction in yield due to diseases												
: Fusarium : Tipburn and: Early :												
State:	Blackleg	Wilt	Hopperburn:	Blight	Scab	All Dise						
:	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:
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:	23:	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	-	-	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

: Production: Estimated reduction in yield due to diseases									
State	1,000 Bushels	Mosaic	Leaf Roll	Late Blight	Rhizoctonia				
		1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 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.	3,775	-	-	-	-	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.	5,240	-	-	-	-	-	-	-	-
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)

	Estimated reduction in yield due to diseases											
	Fusarium		Tinburn and		Early							
State	Blackleg	Wilt	Hopperburn	Blight	Scab	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	1.	604	0	0	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.	238	-	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.	3.	
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	13.	
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

Production:		Estimated reduction in yield due to diseases							
State	1,000 Bushels	Mosaic	Leaf Roll	Late Blight	Rhizoctonia				
		1,000	1,000	1,000	1,000				
		%	Bushels	%	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.	48
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:	6,591:	0.5:	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					
	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000					
	: %	: Bushels	: %	: Bushels	: %	: Bushels	: %	: Bushels	: %	: Bushels	: Bushels
Maine	:1. :	469: -	- : 0 :	0 : - :	- : - :	- : - :	- : 10.5 :	4,9			
N. H.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Vt.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Mass.	:1. :	36: -	- : 8. :	286:3. :	107: t :	- : 35. :	1,2				
R. I.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Conn.	:1. :	22: -	- : 0.5 :	11: - :	- : - :	- : 4. :					
N. Y.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
N. J.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Pa.	: t :	- : 3. :	922:5. :	1,536: t :	- : - :	- : 30.5 :	9,3				
Ohio	:0.4:	40:0.2:	20:8. :	804:2. :	201:0.5:	50:19.8:	1,9				
Ind.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Ill.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Mich.	:1. :	236:1. :	236:5. :	1,178:0.5:	118:2. :	471:12.3:	2,8				
Wis.	: t :	- : 0.5:	94:5. :	940: t :	- : - :	- : 11.0:	2,0				
Minn.	: - :	- : - :	- : 10. :	3,028: t :	- : 4. :	1,211:25. :	7,5				
Iowa	: - :	- : - :	- : - :	- : - :	- : 1. :	57:11. :	6				
Mo.	:0.5:	15:2. :	61: - :	- : - :	- : 1. :	30:7.2:	2				
N. D.	:1. :	89:0.6:	53:0.2:	18: t :	- : t :	- : 5.4:	4				
S. D.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Nebr.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Kans.	: t :	- : - :	- : - :	- : - :	- : 2. :	54:10. :	2				
Del.	: - :	- : - :	- : t :	- : t :	- : - :	- : 0.5:					
Md.	:0.5:	18:5. :	180: 3. :	108:0.5:	18:3. 5:	126:25. :	9				
Va.	: - :	- : - :	- : - :	- : t :	- : - :	- : 5. :	4				
W. Va.	:1.0:	36:3. :	109:10. :	364: t :	- : - :	- : 36. :	1,3				
N. C.	:1. :	81:1. :	81: 2. :	163:1. :	81: - :	- : 10. :	8				
S. C.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Ga.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Fla.	:0.5:	15: - :	- : - :	- : t :	- : 0.5:	15:23.5:	6				
Ky.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Tenn.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Ala.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Miss.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Ark.	: t :	- : 0 :	0 : 20. :	736: t :	- : - :	- : 29. :	4,0				
La.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Okla.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Tex.	: - :	- : 1. :	41:1. :	41:3. :	123: - :	- : 11.1:	4				
Mont.	: t :	- : 2. :	44: t. :	- : t :	- : - :	- : 11. :	2				
Idaho	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Wyo.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Colo.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
N. Mex.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Ariz.	: t :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Utah	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Nev.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
Wash.	: t :	- : t :	- : t :	- : t :	- : - :	- : 5. :	3				
Oreg.	:0.5:	41: - :	- : t :	- : - :	- : 1. :	81:21. :	1,7				
Calif.	: - :	- : - :	- : - :	- : - :	- : - :	- : - :	- : - :				
U. S.	:0.5:	1,098:0.8:	1,841:3.8:	9,213:0.3:	648:0.9:	2,095:16.6:	39,7				

1931 - TOMATOES FOR MANUFACTURE

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

State:	: Produc- :		Estimated reduction in yield due to diseases									
	: tion :		: Fusarium :									
	*Tons	Leaf Spot	Wilt	Early Blight	Mosaic	All Diseases						
		%	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	61,800:	- :	- :	- :	- :	- :	- :	- :	- :	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. :	1,300	
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. :	1,073:	29.5:	31,801	
Va.	26,600:	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. :	5,560	
**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. :	72,603	

*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	: Produc-		Estimated reduction in yield due to diseases									
	: tion :		: Fusarium :		: Early Blight:		: Mosaic :		: All Disea		: Tons	
	*Tons	Leaf Spot	Wilt									
		%	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.	3,3	-
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.	-	-
Wis.	-	1.5:	-	t	-	t	-	-	-	2.5:	-	-
Iowa	11,100:	0.2:	23:	t	-	-	-	0.2:	23:	1.7:	-	-
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:	18,3	-
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.	-	-
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

	:Produc-	Estimated reduction in yield due to diseases										
	: tion	:	Fusarium		:			:			:	
State:	*Tons	:	Leaf Spot	:	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	: Produc- tion :	Estimated reduction in yield due to diseases									
		Leaf Spot	Fusarium Wilt	Early Blight	Mosaic	All Diseases					
: Tons	State: 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:
Mass.	5,656	1.	-	t	-	10.	-	0.5:	-	12.5:	-
N. Y.	2,100	638:	1.5:	10:	t	-	t	-	t	-	6.
N. J.	8,727	1,710:	-	-	-	-	-	t	-	-	-
Pa.	4,542	30:	-	-	-	-	-	-	-	-	-
Ohio	67	433:	-	-	-	-	-	-	-	2.	-
Ind.	5:	792:	-	2.	17:	2.	17:	1.	8:	6.	-
Ill.	3:	283:	-	-	-	-	-	-	-	-	-
Mich.	1:	272:	t	5.	17:	t	-	-	-	20.	-
Wis.	5:	1.5:	-	t	-	t	-	-	-	2.5:	-
Minn.	5:	t	-	-	-	-	-	4.	-	4.	-
Iowa	5:	52:	-	-	-	-	-	-	-	-	-
Mo.	44,388	559:	1.5:	9:	2.	12:	t	-	-	5.	-
N. D.	2,678	t	-	t	-	0.5:	-	-	-	1.5:	-
Kans.	5:	2.	-	3.	-	-	-	0.5:	-	5.5:	-
Del.	2:	14:	1.	0.5:	-	t	-	-	-	1.5:	-
Md.	2:	324:	0	0	0.5:	2:	7.	32:	1.	5:	29.5:
Va.	3:	420:	0	0	5.	25:	10.	51:	-	17.	-
W. Va.	5:	t	-	t	-	0	-	0	-	10.	-
N. C.	2:	90:	t	2.	2:	-	-	-	-	9.	-
S. C.	2:	170:	-	-	-	-	-	-	-	-	-
Ga.	3,588	60:	-	-	-	-	-	-	-	-	-
Fla.	2:	2,020:	t	2.	46:	1.	23:	-	-	13.	30
Ky.	2:	139:	5.	10:	-	3.	6:	-	-	8.	-
Tenn.	3,5:	310:	-	-	-	-	-	-	-	-	-
Miss.	4,89	1,035	-	-	-	-	-	-	-	-	-
Ark.	5:	280:	1.5:	5:	5.	17:	t	-	-	16.5:	-
La.	5:	147:	-	-	-	-	-	-	-	-	-
Tex.	5:	3,657:	2.	82:	3.	123:	1.	41:	-	11.	45
Colo.	5:	369:	-	-	-	-	-	-	-	-	-
Utah	5:	88:	-	0.5:	-	-	-	-	-	4.5:	-
Wash.	5:	324:	-	-	-	-	-	-	-	-	-
Oreg.	5:	51:	-	-	-	-	-	-	-	-	-
Calif.	5:	1,809:	-	1.5:	29:	-	-	-	-	6.	1
U. S.	5:	16,726:	0.9:	116:	2.2:	290:	1.3:	170:	0.1:	13:	10.6:

*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									
	Production	Leaf Spot	Fusarium Wilt	Early Blight	Mosaic	All Diseases				
	: 1,000 : *Bushels:	: 1,000 : %	: 1,000 : %	: 1,000 : %	: 1,000 : %	: 1,000 : %	: 1,000 : %	: 1,000 : %	: 1,000 : %	: 1,000 : %
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.
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
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

*Bushels of 56 pounds.

1933 - TOMATOES FOR MARKET

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

State	Estimated reduction in yield due to diseases									
	Leaf Spot	Fusarium Wilt	Early Blight	Mosaic	All Diseases	Leaf Spot	Fusarium Wilt	Early Blight	Mosaic	All Diseases
	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%	1,000 Bushels	%
Maine	-	-	-	t	-	-	-	-	-	15.
Mass.	1.	-	t	-	8.	-	1.5	-	46.5	-
Conn.	0.5	-	-	-	0.5	-	-	-	6.	-
N. Y.	968	1.	11	t	-	1.5	16	t	3.	-
N. J.	1,350	-	-	-	-	-	-	-	-	-
Pa.	98	1.	1	1.	1	2.	2	-	7.	-
Ohio	408	2.	9	2.	9	0.5	2	-	11.	-
Ind.	600	t	-	0.1	1	0.5	3	-	2.1	-
Ill.	274	-	-	-	-	-	-	-	-	-
Mich.	403	0.5	2	3.	13	t	-	-	3.5	-
Wis.	1.5	-	t	-	t	-	-	-	2.5	-
Minn.	-	-	-	-	-	-	-	-	5.	-
Iowa	77	-	-	0.1	-	-	-	-	0.1	-
Mo.	588	2.5	16	5.	33	t	-	t	9.5	-
N. D.	-	-	-	t	-	-	-	-	2.5	-
Kans.	t	-	-	2.	-	-	-	-	2.	-
Del.	16	0.5	-	t	-	-	-	-	0.5	-
Md.	364	0.5	3	0.2	1	1.5	8	0.5	3	31.
Va.	315	3.	10	5.	17	t	-	-	8.	-
N. C.	75	t	-	10.	10	1.	1	-	25.	-
S. C.	80	-	-	-	-	-	-	-	-	-
Ga.	8	-	-	-	-	-	-	-	-	-
Fla.	2,345	-	-	2.	51	-	-	-	8.	-
Ky.	247	-	-	-	-	-	-	-	-	-
Tenn.	660	-	-	-	-	-	-	-	-	-
Miss.	927	-	-	-	-	-	-	-	-	-
Ark.	147	t	-	2.5	4	t	-	-	8.	-
La.	141	-	-	-	-	-	-	-	-	-
Tex.	2,622	4.	131	3.	98	2.	66	-	20.	-
Colo.	396	-	-	-	-	-	-	-	-	-
Utah	92	-	-	.5	-	-	-	-	12.5	-
Wash.	324	0	0	t	-	0	0	-	2.	-
Oreg.	101	-	-	-	-	-	-	-	2.	-
Calif.	1,870	-	-	.5	10	-	-	-	3.5	-
U. S.	15,496	1.4	183	1.9	248	0.8	98	t	3	11.

*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 :	: % :	: Bags :	: % :	: Bags :	: % :	: 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 :	- :	11. :	424					
Wis.	: 17:	1. :	- : 5. :	1: 1. :	- :	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

	:Product-: Estimated reduction in yield due to diseases										
	: tion :		: Bacterial :		: :		: :		: :		
	: 1,000 :	Anthracnose:	Blight	: Mosaic	: Root Rots	:All Disea					
State	*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 :
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										
	: Produc-										
	: tion :										
	: 1,000 :	Anthracnose:	Blight		Mosaic	Root Rots	All Diseases				
	: *Bags :	: 1,000 :	: 1,000 :		: 1,000 :	: 1,000 :	: 1,000 :				
	: % :	Bags :	% :	Bags :	% :	Bags :	% :	Bags :	% :	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 :	- :	5. :			185	
Wis.	: 20: t :	- :	3. :	1:	1. :	- :	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 : 1,000 : %	Bacterial Blight : 1,000 : %	Mosaic : 1,000 : %	Root Rots : 1,000 : %	All Diseases : 1,000 : %				
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	0	5	-	2	-	-	-	7
Idaho	0	0	0	-	-	5	-	t	-	5
Wyo.	0	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	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000
	*Bushels:	: %	: Bushels	: %	: Bushels	: %	: Bushels	: %	: Bushels	: %
Maine	100	-	-	-	-	-	-	-	-	-
Conn.	0.5	-	-	-	-	-	-	-	1.	-
N. Y.	866	1.	10	2.5	26	8.	83	5.	52	16.5
N. J.	1,240	-	-	-	-	-	-	-	-	-
Pa.	341	5.	20	1.	4	2.	8	4.	16	13.
Ohio	0.5	-	0.5	-	1.	-	0.5	-	3.	-
Ind.	100	-	-	-	-	-	-	-	-	-
Ill.	60	-	-	-	-	-	-	-	-	-
Mich.	431	t	-	5.	33	30.	199	-	-	35.
Wis.	425	0.5	2	3.	13	1.	4	t	-	4.5
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.
Va.	454	0	0	0.5	2	2.	10	2.	10	5.5
W. Va.	5	-	10.	-	2.	-	3.	-	25.	-
N. C.	546	0	0	t	-	t	-	1.	6	2.
S. C.	546	t	-	t	-	t	-	10.	64	15.
Ga.	165	-	-	-	-	-	-	-	-	-
Fla.	4,508	4.	231	3.	173	1.	58	8.	462	22.
Tenn.	157	-	-	-	-	-	-	-	-	-
Ala.	65	-	-	-	-	-	-	-	-	-
Miss.	421	-	-	-	-	-	-	-	-	-
Ark.	152	t	-	1.	2	t	-	t	-	2.5
La.	698	t	-	12.	102	t	-	6.	51	18.
Tex.	895	0.1	1	8.	94	3.	35	3.	35	24.1
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.
Utah	67	0	0	2.	1	1.	1	t	-	3.
Wash.	67	0	0	0	0	5.	4	1.	1	6.
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

*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 :	
	: 1,000 :		: Anthracnose:		: Blight :		: 1,000 :		: All Dise:	
*Bushels:	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :	: 1,000 :
:	% :	% :	% :	% :	% :	% :	% :	% :	% :	% :
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 :	- :	5. :					
Wis.	450: t :	3. :	14: 1. :	5: t :	4. :					
Iowa	- :	5. :	- :	- :	5. :					
Mo.	1.5:	- :	- :	- :	- :					
N. D.	t :	t :	- :	2. :	- :					
Del.	128: 0.5:	- :	- :	0.5:	- :					
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:	- :					
N. C.	550: t :	t :	- :	1. :	6: 5. :					
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. :					
Tenn.	147: - :	- :	- :	- :	- :					
Ala.	32: - :	- :	- :	- :	- :					
Miss.	155: - :	- :	- :	- :	- :					
Ark.	178: t :	1. :	2: t :	- :	2.5:					
La.	504: - :	- :	- :	- :	- :					
Tex.	714: 0.5:	5: 15. :	148: 5. :	49: 2. :	20: 27.5:					
Mont.	- :	2. :	- :	t :	- :					
Idaho	- :	- :	- :	10. :	- :					
Wyo.	- :	2. :	- :	5. :	- :					
Colo.	539: 0 :	0 : 10. :	63: 5. :	32: t :	- :					
Utah	92: 0 :	0 : 2. :	2: - :	- :	2. :					
Wash.	92: 0 :	0 : 0 :	0 : 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	Angular									
	: 1,000	: Anthracnose	: Leaf Spot	: Wilt	: Root Knot	: All Diseases					
	: Bales	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000
	: %	: Bales	: %	: Bales	: %	: Bales	: %	: Bales	: %	: 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 : 1,000 Bales	Angular : 1,000 Bales	Leaf Spot : 1,000 Bales	Wilt : 1,000 Bales	Root Knot : 1,000 Bales	All Diseases : 1,000 Bales	Angular : 1,000 Bales	Leaf Spot : 1,000 Bales	Wilt : 1,000 Bales	All Diseases : 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	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	28	9
La.	610	1.5	10	4	27	t	-	9.5	-	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

	Estimated reduction in yield due to diseases										
	Production	Angular									
State	1,000 Bales	Anthracnose	Leaf Spot	Wilt	Root Knot	All Diseases					
	Bales	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
	%	Bales	%	Bales	%	Bales	%	Bales	%	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

Production:		Estimated reduction in yield due to diseases					
State	Short	Nematode	Curly Top	Leaf Spot	Phoma Rot	All Diseases	
	Tons	%	%	%	%	%	
Ohio		-	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

Production:		Estimated reduction in yield due to diseases					
State	Short	Nematode	Curly Top	Leaf Spot	Phoma Rot	All Diseases	
	Tons	%	%	%	%	%	
Ohio		-	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

1932 - SUGAR BEET

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

Production:		Estimated reduction in yield due to diseases:					
State	Short Tons	Nematode %	Curly Top %	Leaf Spot %	Phoma %	Rot %	All Diseases %
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

:Production:		Estimated reduction in yield due to diseases						
State	: Short	: Nematode	: Curly Top	: Leaf Spot	: Phoma Rot	: All Disease		
	: Tons	: %	: %	: %	: %	: %		
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

Estimated reduction in yield of apples due to diseases, 1931

[illegible]

1931 - Apple (continued)

Production:		Estimated reduction in yield due to diseases											
State	Bushels	Bitter Rot	Black Rot	Blotch	Rust	Blight	Scab	All Diseases					
	1,000												
		% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels	% : Bushels
Ga.	1,500:	-	-	-	-	-	-	-	-	-	-	-	-
Ky.	5,390:	0.5:	28:	0.2:	11:	0.2:	11:	0.2:	11:	0.2:	11:	0.2:	11:
Tenn.	3,780:	-	-	-	-	-	-	-	-	-	-	-	-
Ala.	1,100:	-	-	-	-	-	-	-	-	-	-	-	-
Miss.	272:	-	-	-	-	-	-	-	-	-	-	-	-
Ark.	4,200:	t	-	0.5:	24:	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	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)

Estimated reduction in yield due to diseases											
: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:			
Ky.	720:	-	-	-	-	-	-	-	-	-	-
Tenn.	936:	-	-	-	-	-	-	-	-	-	-
Ala.	252:	-	-	-	-	-	-	-	-	-	-
Miss.	51:	-	-	-	-	-	-	-	-	-	-
Ark.	1,368:	0.5:	7: 0.5:	7: t	-	2:	29: 0.5:	7: 5.5:	79	-	-
La.	8:	-	-	-	-	-	-	-	-	-	-
Okla.	387:	-	-	-	-	-	-	-	-	-	-
Tex.	135:	0.1:	-	2: 5:	8:	1:	2:	-	17.1:	28	6
Mont.	562:	-	-	-	-	-	-	-	3: 1:	-	-
Idaho	4,200:	-	-	-	-	-	-	-	-	-	-
Wyo.	53:	-	-	-	-	-	-	-	-	-	-
Colo.	2,139:	-	-	-	-	-	-	-	-	-	-
N. Mex.	726:	-	-	-	-	-	-	-	-	-	-
Ariz.	77:	-	-	-	-	-	-	-	-	-	-
Utah	924:	-	-	-	-	-	-	-	-	-	-
Nev.	49:	-	-	-	-	-	-	-	-	-	-
Wash.	30,960:	0:	0:	0:	0:	t	-	-	7:	2,330	-
Oreg.	4,950:	-	-	-	-	-	-	-	-	-	-
Calif.	9,045:	-	-	-	-	-	-	-	-	-	-
U. S.	140,775:	0.4:	383: 0.9:	926: 0.4:	425: 0.5:	550: 1.7:	1,685:	8.6:	8,727:	17.4:	17,715

1933 - APPLE

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					
		: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000					
		% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:					
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:	0	0	5:	225:22.5:	1,012			
R. I.	350:	-	-	-	2:	-	-	-	17:18.5:	79			
Conn.	1,184:	-	-	-	6:	0	0	3:	25: 6.5:	82			
N. Y.	16,060:	-	-	-	187:	0	0	2:	934:14:	2,615			
N. J.	3,380:	-	-	-	123:	t	-	0.5:	123:17.5:	717			
Pa.	7,293:	0.5:	52:	3:	310:	1:	103:	0.5:	2,379:29.5:	3,051			
Ohio	4,380:	2:	103:	0.2:	10:	0.3:	15:	0.1:	620:15.2:	784			
Ind.	819:	0.5:	9:	0.5:	9:	1:	17:	-	853:52:	888			
Ill.	2,112:	t	-	t	-	3:	129:	1:	1,724:51:	2,198			
Mich.	8,651:	0	0	t	-	0	0	0	2,884:25:	2,884			
Wis.	1,938:	0	0	t	-	t	-	2:	270:14:	315			
Minn.	960:	0	0	t	-	0	0	t	108:11:	119			
Iowa	1,425:	0	0	t	-	1:	18:	3:	178:20:	356			
Mo.	3,132:	1.5:	65:	1.5:	65:	3:	131:	1:	696:28:	1,219			
N. Dak.		0	0	0	0	-	0	1.5:	-	-	2.5:		
S. Dak.	68:	0	0	0	0	0	0	1:	1: 4:	3			
Nebr.	370:	0	0	1:	5:	0.5:	2:	1:	9:15:	92			
Kans.	1,431:	-	-	-	-	-	-	-	-	-	-		
Iel.	932:	0.5:	5:	0.5:	5:	-	-	t	50: 6:	60			
Md.	1,312:	2:	35:	2.5:	43:	1:	17:	0.5:	259:24:	415			
Va.	10,900:	1:	186:	2:	373:	t	-	8:	4,658:41.5:	7,732			
W. Va.	4,200:	0.5:	32:	1:	64:	t	-	6:	1,282:34.5:	2,212			
N. C.	5,254:	0.1:	7:	t	-	-	68:	15:	137:23.1:	1,579			
S. C.	279:	1:	4:	1:	4:	0	-	t	7:22:	80			

1933 - Apple (continued)

Estimated reduction in yield due to diseases												
State	Production: : 1,000 Bushels	Bitter Rot : 1,000 Bushels	Black Rot : 1,000 Bushels	Plotch : 1,000 Bushels	Rust : 1,000 Bushels	Blight : 1,000 Bushels	Scab : 1,000 Bushels	All Diseases				
	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels	% Bushels
Ga.	1,150: 2.:	31: 1.:	16: t	-: t	16: 10.:	155: 2.:	-: t	31: 26.:	-: t	-: t	-: t	404
Ky.	2,340: 1.:	42: 2.:	85: 5.:	213: 2.:	85: 5.:	213: 20.:	-: t	85: 45.:	-: t	-: t	-: t	1,915
Tenn.	2,194: 1.:	35: 3.:	104: 6.:	209: 2.:	70: 8.:	274: 12.:	-: t	418: 37.:	-: t	-: t	-: t	1,289
Ala.	648: 1.:	9: 2.:	17: 2.:	17: 2.:	-: t	43: 8.:	-: t	68: 24.:	-: t	-: t	-: t	205
Miss.	174: 1.:	2: 3.:	7: 1.:	2: 1.:	2: 1.:	24: 5.:	-: t	12: 26.:	-: t	-: t	-: t	61
Ark.	1,925: 1.:	21: 5.:	107: t	-: t	-: 2.:	43: 1.:	-: t	21: 10.:	-: t	-: t	-: t	213
La.	22: 1.:	-: 4.:	1: t	-: t	-: 5.:	1: 1.:	-: t	-: 18.:	-: t	-: t	-: t	5
Okla.	350: 0.:	0: 1.:	4: 1.:	4: 2.:	8: 5.:	21: 2.:	-: t	8: 16.:	-: t	-: t	-: t	66
Tex.	98: 0.1:	-: 1.:	1: 4.:	5: -:	-: 3.:	4: -:	-: t	-: 16.1:	-: t	-: t	-: t	19
Mont.	525: 0.:	0: 0.:	0: 0.:	0: 0.:	0: t	-: 1.5:	-: t	8: 1.5:	-: t	-: t	-: t	8
Idaho	5,244: 0.:	0: 0.:	0: 0.:	0: 0.:	0: 1.:	56: 0.:	-: t	0: 6.:	-: t	-: t	-: t	335
Wyo.	50: 0.:	0: 0.:	0: 0.:	0: 1.:	1: 1.:	1: 0.:	-: t	0: 7.:	-: t	-: t	-: t	5
Colo.	1,454: 0.:	0: 0.:	0: 0.:	0: 0.:	0: 5.:	84: 0.:	-: t	0: 13.:	-: t	-: t	-: t	218
N. Mex.	285: -:	-: -:	-: -:	-: -:	-: 4.:	13: 0.:	-: t	0: 10.:	-: t	-: t	-: t	32
Ariz.	51: -:	-: -:	-: -:	-: -:	-: 2.:	1: 0.:	-: t	0: 8.:	-: t	-: t	-: t	4
Utah	313: -:	-: -:	-: -:	-: -:	-: 3.:	10: 0.:	-: t	0: 9.:	-: t	-: t	-: t	31
Nev.	39: -:	-: -:	-: -:	-: -:	-: 2.:	1: 0.:	-: t	0: 8.:	-: t	-: t	-: t	4
Wash.	29,240: 0.:	0: 0.:	0: 0.:	0: 0.:	0: t	-: t	-: t	-: 5.:	-: t	-: t	-: t	1,539
Oreg.	4,095: 0.:	0: 0.:	0: 0.:	0: 0.:	0: 0.1:	4: 5.:	-: t	223: 8.1:	-: t	-: t	-: t	361
Calif.	9,672: -:	-: -:	-: -:	-: -:	-: -:	-: -:	-: t	-: -:	-: t	-: t	-: t	-
U. S.	143,827: 0.4:	660: 0.9:	1,593: 0.5:	882: 1.8:	3,057: 1.9:	3,182: 11.6:	-: t	19,615: 21.3:	-: t	-: t	-: t	35,923

Estimated reduction in yield of pear due to diseases, 1931

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

1931 - PEACH

Estimated reduction in yield of peach due to diseases, 1931

Diseases : 1,000 : Bushels	Estimated reduction in yield due to diseases									
	: Produc- : tion : : 1,000 : : Bushels:	: Leaf Curl : : 1,000 : : % : Bushels:	: Brown Rot : : 1,000 : : % : Bushels:	: Yellows : : 1,000 : : % : Bushels:	: Scab : : 1,000 : : % : Bushels:	: All Dise : 1,000 : : % : Bushels:				
State										
N. H.	26:	-	-	0:	0:	-	-	-	-	-
Mass.	153:	1.	2:10.	18:	t:	-	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.
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:

Estimated reduction in yield of peach due to diseases, 1932

State	Estimated reduction in yield due to diseases									
	:Produc-									
	:tion :									
	: 1,000 :	Leaf Curl :	Brown Rot :	Yellows :	Scab :	All Diseases				
	:Bushels:	: 1,000 :	: 1,000:	: 1,000:	: 1,000 :	: 1,000 :	: 1,000 :			
	:	% :Bushels:	% :Bushels	% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:	% :Bushels:	% :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.	: 22,792:	- :	- :	- :	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
	: 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 : : % :
N. H.	18: -	-	2:	-	-	-	-	-	-	2:
Mass.	134: 1.	1:	4:	6:	t	-	1:	1:	6:	6:
R. I.	26: 2.	1:	10:	3:	-	-	-	-	12:	12:
Conn.	172: 3.	8:	30:	85:	-	-	1:	3:	39:	39:
N. Y.	1,092: 10.	137:	10:	137:	-	-	-	-	20:	20:
N. J.	987: 5.	66:	20:	263:	-	-	-	-	25:	25:
Pa.	1,144: 10.	185:	25:	461:	1:	18:	1:	18:	38:	38:
Ohio	456: 15.	82:	0.5:	3:	-	-	1:	5:	16.7:	16.7:
Ind.	221: 8.	21:	4:	10:	-	-	2:	5:	14:	14:
Ill.	1,522: 8.	145:	8:	145:	-	-	-	-	16:	16:
Mich.	215: 10.	24:	t	-	1:	2:	1:	2:	12:	12:
Iowa	7: 1.	-	10:	-	0:	0:	-	-	11:	11:
Mo.	204: 8.	18:	1.5:	3:	0:	0:	0.5:	1:	11:	11:
Nebr.	4: 1.	-	5:	-	-	-	-	-	6:	6:
Kans.	14: -	-	-	-	-	-	-	-	-	-
Del.	205: 1.	2:	3:	6:	t	-	-	-	4:	4:
Md.	400: 2.5:	11:	7:	32:	0.5:	2:	2:	9:	12:	12:
Va.	990: 5.	56:	5:	56:	t	-	1:	11:	11:	11:
W. Va.	396: 2.	9:	8:	35:	-	-	-	-	10:	10:
N. C.	2,080: 0.5:	11:	1:	22:	-	-	1:	22:	5.5:	5.5:
S. C.	1,633: t	-	10:	181:	-	-	-	-	10:	10:
Ga.	5,440: 1.	61:	10:	611:	-	-	-	-	11:	11:
Fla.	57: 0	0:	15:	10:	-	-	-	-	15:	15:
Ky.	232: 5.	13:	8:	21:	-	-	-	-	13:	13:
Tenn.	580: 5.	34:	10:	68:	-	-	-	-	15:	15:
Ala.	908: 3.	31:	10:	104:	-	-	-	-	13:	13:
Miss.	494: t	-	20:	124:	-	-	-	-	20:	20:
Ark.	672: 1.	7:	t	-	-	-	t	-	1:	1:
La.	158: t	-	20:	40:	-	-	-	-	20:	20:
Okla.	102: 1.	1:	5:	5:	-	-	-	-	6:	6:
Tex.	782: 2.	19:	5:	48:	-	-	5:	48:	18:	18:
Idaho	40: -	-	t	-	0:	0:	-	-	t	t
Colo.	578: -	-	t	-	0:	0:	-	-	t	t
N. Mex.	13: -	-	t	-	0:	0:	-	-	t	t
Ariz.	67: -	-	t	-	0:	0:	-	-	t	t
Utah	62: -	-	t	-	0:	0:	-	-	t	t
Nev.	2: -	-	t	-	0:	0:	-	-	t	t
Wash.	240: t	-	t	-	0:	0:	0:	0:	t	t
Oreg.	227: 3.	7:	4:	10:	0:	0:	-	-	7.5:	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:	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	Brown Rot		Leaf Spot		All Diseases	
	Tons						
		%	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
Total	283,652	1.9	2,322	3.9	4,683

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
Total	264,669	1.8:	3,025	4.2:	7,023

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
Total	237,365	3.6	5,268	5.1	7,474

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
Deleware	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

Estimated reduction in yield due to diseases									
:Production:									
State	Leaf Spot		Leaf Scorch		Dwarf		:Black Root and:		
	Crates	1,000	Crates	1,000	Crates	1,000	Root Rots	All Diseases	Fruit Rots
	%	Crates	%	Crates	%	Crates	%	Crates	%
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:
Kans.	48:	-	-	-	-	-	-	-	84
Del.	140:	-	-	-	-	-	-	-	-
Md.	258:	-	-	-	-	-	-	-	-
Va.	370:	-	-	-	-	-	-	-	-
N. C.	678: 2.	17: 2.	-	17:10.	-	86:	5.	43:21.	180: 3.
S. C.	27:	-	-	-	-	-	-	-	-
Ga.	20:	-	-	-	-	-	-	-	-
Fla.	655: 0.5:	4: 0.5:	-	4: 1.5:	-	11:	2.	15:10.	74:25.
Ky.	194:	-	-	-	-	-	-	-	-
Tenn.	590:	-	-	-	-	-	-	-	-
Ala.	424:	-	-	-	-	-	-	-	-
Miss.	105:	-	-	-	-	-	-	-	-
Ark.	531:	-	-	-	-	-	-	-	-
La.	1,870:15.	351: 5.	-	117:	t	-	t	20.	468: 0.5:
Okla.	28:	-	-	-	-	-	-	-	9
Tex.	136: 1.	1: 1.	-	1:	0	0	-	2.	2: 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	Crates 1,000	Leaf Spot %	Leaf Scorch %	Dwarf %	Black Root Rot %	All Diseases %	Fruit Rots %
Mass.	521:	-	-	-	-	-	-
N. Y.	678:	-	-	-	-	-	-
N. J.	276:	-	-	-	-	-	-
Pa.	280:	0.1	-	-	-	-	-
Ohio	159:	-	-	-	-	-	-
Ind.	333:	-	-	-	-	-	-
Ill.	396:	-	-	-	-	-	-
Mich.	235:	-	-	-	-	-	-
Wis.	218:	-	-	-	-	-	-
Iowa	685:	-	-	-	-	-	-
Mo.	57:	-	-	-	-	-	-
Kans.	324:	-	-	-	-	-	-
Del.	608:	-	-	-	-	-	-
Md.	413:	-	-	-	-	-	-
Va.	496:	4	26	13:10	64	32:23	148:10
N. C.	32:	-	-	-	-	-	-
S. C.	17:	-	-	-	-	-	-
Ga.	616:	0.5	4	1.5	11	14:14	101:13
Fla.	479:	-	-	-	-	-	-
Ky.	705:	-	-	-	-	-	-
Tenn.	280:	-	-	-	-	-	-
Ala.	128:	-	-	-	-	-	-
Miss.	1,040:	-	-	-	-	-	-
Ark.	1,504:	15	293	156	-	449	-
La.	51:	-	-	-	-	-	-
Okla.	126:	-	-	-	-	-	-
Tex.	100:	-	-	-	-	-	-
Utah	736:	-	-	-	-	-	-
Wash.	970:	-	-	-	-	-	-
Oreg.	906:	-	-	-	-	-	-
Calif.	13,369:	9	327	173	75	46:19.5	698
Total	13,369:	9	327	173	75	46:19.5	698

1933 - STRAWBERRY

Estimated reduction in yield of strawberries due to diseases, 1933

State	Estimated reduction in yield due to diseases									
	Production:					:Black Root and:				
	1,000 Crates	Leaf Spot 1,000 Crates	Leaf Scorch 1,000 Crates	Dwarf 1,000 Crates	Root Rots 1,000 Crates	All Diseases 1,000 Crates	Fruit Rots 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.	-	0	0	-	-	12.	4.	25
Mo.	45	-	-	0	0	-	-	-	-	-
Kans.	468	-	-	-	-	-	-	-	-	-
Del.	845	-	-	-	-	-	-	-	-	-
Md.	595	-	-	-	-	-	-	-	-	-
Va.	650	3.	25	17:10.	35:10.	70:15.	105	184	6.	39
N. C.	44	-	-	-	-	-	-	-	-	-
S. C.	24	-	-	-	-	-	-	-	-	-
Ga.	784	1.	9	5	28	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	146	15.4	751	6.1	-	203