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PLANT INDUSTRY

THE PLANT DISEASE REPORTER

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THE OFFICE OF MYCOLOGY AND DISEASE SURVEY

Supplement 56

Crop Losses from Plant Diseases in the United States in 1926

November 30, 1927

BUREAU OF
PLANT INDUSTRY
UNITED STATES DEPARTMENT OF AGRICULTURE

CROP LOSSES FROM PLANT DISEASES IN THE UNITED STATES IN 1926

Plant Disease Reporter
Supplement 56

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INTRODUCTORY STATEMENT

The tenth annual report of losses from plant diseases of some of the more important crops is presented herewith. The accompanying tabulations have been prepared from estimates furnished by the Plant Disease Survey. As has been said before, no claim is made for their accuracy, for at best they can only be approximations, but they represent the combined judgment of the plant pathologists of the country and as such are considered valuable.

The methods of calculation are the same as followed in other years.

Certain symbols have been used frequently in the tables. A dash (-) indicates no data available. A trace (t) in the percentage column indicates that the loss is less than one per cent and in most cases less than 0.1 per cent. A plus sign (+) is used where the percentage reduction in yield is a trace or where the production is too small to calculate the loss.

Estimated reduction in yield of wheat due to scab (*Gibberella saubinetii*),
leaf rust (*Puccinia triticina*), stem rust (*Puccinia graminis*),
and bunt (*Tilletia laevis* and *T. tritici*), 1926.

State	Production:		Estimated reduction in yield due to disease							
	1926		Scab		Leaf rust		Stem rust		Bunt	
	Bushels		Bushels		Bushels		Bushels		Bushels	
	(000	%	(000	%	(000	%	(000	%	(000	%
	omitted)		omitted)		omitted)		omitted)		omitted)	
Me.	120	-	-	-	-	t	*	-	-	-
Vt.	40	-	-	-	-	-	-	-	-	-
N. Y.	4,337	1.	53	1.	53	0.1:	5	.2:	11	
N. J.	1,320	0.3:	4	0.5:	7	-	-	-	-	-
Pa.	23,400	0.5:	132	0.5:	132	0.1:	26	6	1,583	
Del.	2,060	-	-	t	*	-	-	3.5:	75	
Md.	11,960	0.4:	52	0.5:	65	t	*	3	391	
Va.	11,336	t	*	t	*	0.1:	12	5	615	
W. Va.	2,352	t	*	t	*	t	*	t	+	
N. C.	6,303	1	69	t	*	t	*	4	274	
S. C.	800	-	-	1	8	-	-	-	-	-
Ga.	1,710	-	-	-	-	-	-	-	-	-
Ohio	40,334	t	+	t	+	0.5:	207	0.5:	207	
Ind.	34,048	t	+	5	1,392	0.5:	189	4	1,513	
Ill.	41,034	0.5:	213	1	427	1	427	0.7:	299	
Mich.	17,998	t	+	2	416	3.5:	723	4	832	
Wis.	2,599	t	+	1	27	3	82	0	0	
Minn.	27,360	t	+	t	+	5	1,506	0.5:	151	
Iowa	7,864	t	+	6	517	1	86	0.5:	43	
Mo.	21,474	t	+	0	0	t	+	t	+	
N. Dak.	77,224	0.5:	423	t	+	1.75:	1,481	2	1,693	
S. Dak.	10,340	t	+	t	+	1.2	139	1	116	
Nebr.	40,035	-	-	t	+	t	+	6	2,559	
Kans.	150,034	0	0	t	+	t	+	10	16,863	
Ky.	4,773	-	-	t	+	-	-	-	-	
Tenn.	7,092	-	-	t	+	-	-	-	-	
Ala.	94	-	-	-	-	-	-	-	-	
Miss.	102	-	-	-	-	-	-	t	+	
Texas	32,796	0	0	1	339	0.75:	254	0.5:	169	
Okla.	73,745	-	-	-	-	0.75:	567	0.75:	567	
Ark.	405	0	0	t	+	t	+	t	+	
Mont.	44,665	0	0	0	0	0.1	49	2	972	
Wyo.	3,378	0	0	-	-	t	+	-	-	
Colo.	18,452	0	0	0	0	t	+	8	1,606	
N. Mex.	5,653	0	0	-	-	-	-	-	-	
Ariz.	950	0	0	0.5:	6	8	89	5	56	
Utah	5,505	0	0	-	-	-	-	-	-	
Nev.	408	0	0	-	-	-	-	-	-	
Idaho	24,533	0	0	t	+	t	+	6	1,606	
Wash.	40,271	0	0	t	+	t	+	2	848	
Oregon	19,536	0	0	0.5:	101	t	+	3	609	
Calif.	12,015	0	0	-	-	0.5	64	1	128	
U. S.	832,305	0.1:	946	0.4:	3,990	0.7	5,911	3.8	33,786	

Estimated reduction in yield of wheat due to loose smut (*Ustilago tritici*), and other diseases, 1926.

State	Estimated reduction in yield due to disease							
	Loose smut		Other diseases		Sum of traces and no data		All diseases	
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
	%	%	%	%	%	%	%	%
	(000 omitted)	(000 omitted)	(000 omitted)	(000 omitted)	(000 omitted)	(000 omitted)	(000 omitted)	(000 omitted)
Me.	t	+	-	-	-	-	+	-
Vt.	-	-	-	-	-	-	-	-
N. Y.	1.5	79	3.5	185	-	-	7.3	386
N. J.	1.	13	-	-	-	-	1.8	24
Pa.	2	528	2.2	580	0	0	11.3	2,981
Del.	t	+	0.5	11	-	-	4.	86
Md.	3	391	1.4	183	t	+	8.3	1,082
Va.	2.8	345	t	+	-	-	7.9	972
W. Va.	t	+	0.1	2	3	73	3.1	75
N. C.	1	69	2	137	-	-	8	549
S. C.	1	8	1.5	13	-	-	3.5	29
Ga.	-	-	-	-	-	-	-	-
Ohio	1	415	0.6	249	-	-	2.6	1,078
Ind.	0.5	139	t	+	-	-	10.	3,783
Ill.	0.5	213	0.2	85	0	0	3.9	1,664
Mich.	2.5	520	1.5	312	t	+	13.5	2,808
Wis.	t	+	1	27	-	-	5	136
Minn.	1	301	1	301	-	-	7.5	2,259
Iowa	1	86	0.2	17	t	+	8.7	749
Mo.	2	457	4	914	-	-	6	1,371
N. Dak.	2	1,693	2.5	2,116	t	+	8.75	7,406
S. Dak.	2	231	2	231	-	-	6.2	717
Nebr.	-	-	t	+	+	-	6	2,559
Kans.	t	+	1	1,686	-	-	11	18,549
Ky.	-	-	-	-	-	-	-	-
Tenn.	t	+	-	-	-	-	-	-
Ala.	-	-	-	-	-	-	-	-
Miss.	t	+	-	-	-	-	-	-
Texas	1	339	t	+	-	-	3.25	1,101
Okla.	1	756	-	-	-	-	2.5	1,890
Ark.	2	8	1	4	-	-	3	12
Mont.	3	1,458	3	1,458	-	-	8.1	3,937
Wyo.	-	-	-	-	-	-	-	-
Colo.	t	+	0.1	20	-	-	8.1	1,626
N. Mex.	-	-	-	-	-	-	-	-
Ariz.	0.5	6	1	11	-	-	15	168
Utah	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-
Idaho	1	268	t	+	1	268	8	2,142
Wash.	t	+	3	1,272	-	-	5	2,120
Oregon	t	+	t	+	-	-	3.5	710
Calif.	t	+	5	643	-	-	6.5	835
U. S.	0.9	8,373	1.2	10,457	t	341	7.1	63,804

Estimated reduction in yield due to diseases													
State	Production 1926	Stunt	Ergot	Leaf rust	Stem rust	Other	Sum of traces:						
							diseases and no data:						
							Bushels:	Bushels:	Bushels:	Bushels:	Bushels:	Bushels:	All diseases
		%	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):	:(000 o-: : :mited):
N. Dak.	9,287	0	94	0	0	0	47	1.5	141				
S. Dak.	546	0	6	0	0	0	6	2	12				
Nebr.	2,506	-	+	+	+	+	+	+	+				
Kans.	480	0	0	0	0	0	0	+	+				
Ky.	279	-	-	-	-	-	-	-	-				
Tenn.	336	-	-	-	-	-	-	-	-				
Texas	330	-	-	-	-	-	-	-	-				
Okla.	558	-	-	-	-	-	-	-	-				
Ark.	11	-	-	-	-	-	-	-	-				
Mont.	1,284	0	0	0	0	0	0	0	0				
Wyo.	717	-	-	-	-	-	-	-	-				
Colc.	1,024	-	0	0	0	0	0	-	-				
N. Mex.	18	-	-	-	-	-	-	-	-				
Utah	36	-	-	-	-	-	-	-	-				
Idaho	46	-	-	-	-	-	-	-	-				
Wash.	240	0	0	0	0	0	+	+	+				
Oregon	130	0	0	0	+	+	-	-	-				
U. S.	40,024	t	9	0.5	216	0.1	23	+	0.4	146	t	20	1
													414

BARLEY

Estimated reduction in yield of barley due to stripe (Helminthosporium gramineum), loose smut (Ustilago nuda), and covered smut (Ustilago hordei), 1926.

State	Production:		Estimated reduction in yield due to disease					
	1926		Stripe		Loose smut		Covered smut	
	Bushels		Bushels		Bushels		Bushels	
	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%
Me.	120	-	-	-	-	-	-	-
Vt.	180	-	-	-	-	-	-	-
N. Y.	5,066	1	54	2	108	1	54	
N. J.	33	-	-	-	-	-	-	-
Pa.	400	t	*	3.5	15	1.5	6	
Md.	343	t	*	2	7	1	4	
Va.	434	t	+	1	5	3.3	15	
N. C.	390	1	4	-	-	-	-	-
Ohio	3,712	-	-	-	-	-	-	-
Ind.	925	-	-	-	-	-	-	-
Ill.	12,710	2.5	543	4	549	-	-	-
Mich.	3,790	t	+	2	78	-	-	-
Wis.	17,974	2.5	472	1	139	0.5	94	
Minn.	32,675	1	343	1.5	515	0.75	257	
Iowa	6,680	-	-	1	69	1	69	
Mo.	216	0	0	0	0	1	2	
N. Dak.	21,050	1.5	331	1	220	1	220	
S. Dak.	7,858	1	84	2	168	-	-	-
Nebr.	4,639	-	-	-	-	-	-	-
Kans.	3,032	0	0	2	63	2	63	
Ky.	231	-	-	-	-	-	-	-
Tenn.	750	-	-	2	16	2.5	20	
Texas	7,700	0	0	0.5	39	0.5	39	
Okla.	4,752	-	-	-	-	-	-	-
Mont.	4,296	0	0	3	140	4	187	
Wyo.	1,353	-	-	-	-	-	-	-
Colo.	6,672	0.5	35	t	+	3	207	
N. Mex.	203	-	-	-	-	-	-	-
Ariz.	875	t	+	0.5	5	2	19	
Utah	680	-	-	-	-	-	-	-
Nev.	280	-	-	-	-	-	-	-
Idaho	4,144	t	+	t	+	1	42	
Wash.	2,176	0	0	0	0	t	+	
Oregon	2,378	t	*	t	+	0.5	12	
Calif.	32,400	2	749	t	+	6	2,247	
U. S.	191,182	1.2	2,415	1.1	2,136	1.7	3,557	

Estimated reduction in yield of barley due to leaf rust (Puccinia simplex), stem rust (Puccinia graminis), and other diseases, 1926.

[illegible]

OATS

Estimated reduction in yield of oats due to loose and covered smuts (*Ustilago avenae* and *U. levis*, stem rust (*Puccinia graminis*), crown rust (*Puccinia coronata*), and other diseases, 1926.

State	Estimated reduction in yield due to disease									
	Production:	Loose and	Stem rust	Crown rust	Other	Sum of traces	All			
	Bushels	covered smut	Bushels	Bushels	Bushels	Bushels	Bushels	%	(000	diseases
	(000	%	(000	(000	(000	(000	(000	%	)	
	omitted)		omitted)	omitted)	omitted)	omitted)	omitted)		omitted)	
Mo.	5,168	2	105	-	-	-	-	2	105	
N. H.	440	-	-	-	-	-	-	-	-	
Vt.	3,116	-	-	-	-	-	-	-	-	
Mass.	308	8	28	10	+	-	-	11	38	
R. I.	96	-	-	-	-	-	-	-	-	
Conn.	480	2	10	2	0.5	-	-	3	14	
N. Y.	34,578	5	1,879	752	1	376	+	0.5	3,007	
N. J.	1,650	1.5	25	+	t	+	+	2	33	
Pa.	35,552	8	3,178	397	t	596	+	10.5	4,171	
Del.	112	t	+	-	0.5	1	-	0.5	1	
Md.	1,706	3	53	+	-	-	-	3	53	
Va.	4,836	4	202	0	t	0	+	4	202	
W. Va.	5,798	1	59	+	t	+	59	2	118	
K. C.	6,820	2.6	182	-	-	-	-	2.6	182	
S. C.	10,487	10.	1,165	-	-	-	-	10.	1,165	
Ca.	11,408	11.	1,410	+	-	-	-	11	1,410	
Fla.	24	1	2	-	-	-	-	1	2	
Chio	75,240	3	2,329	78	-	-	-	3.1	2,407	
Ind.	67,020	-	-	677	-	-	-	1	677	
Ill.	123,516	3	4,530	22,650	0.2	-	-	18.2	27,482	
Mich.	51,810	4	2,382	4,466	t	893	-	13	7,741	
Wis.	46,638	3	3,124	3,645	0.7	729	-	7.2	7,438	
Minn.	129,162	5	8,149	16,298	t	9,371	-	20.75	33,113	

State	Estimated reduction in yield due to diseases											
	Production:	Loose and	Stem rust	Crown rust	Other	Sum of traces	All	Bushels	covered smut	Bushels	Stem rust	Bushels
	(000)	%	Bushels:	Bushels:	Bushels:	Bushels:	Bushels:	(000)	%	(000)	%	(000)
	omitted	%	omitted)	omitted)	omitted)	omitted)	omitted)	omitted)	%	omitted)	%	omitted)
Iowa	195,962	5	11,527	10.	23,054	t	+	-	-	-	15.	34,581
Mo.	41,540	4	1,731	t	+	0	0	+	t	-	4	1,731
N. Dak.	34,408	2	718	1.1	395	t	+	359	1	-	4.1	1,472
S. Dak.	23,213	5	1,297	3.5	908	t	+	519	2	-	10.5	2,724
Nebr.	52,516	6	3,352	t	+	-	-	-	-	-	6	3,352
Kans.	35,122	0.5	188	t	+	0	0	2,254	6	-	6.5	2,442
Ky.	6,346	-	-	-	-	-	-	-	-	-	-	-
Tenn.	7,175	-	-	-	-	-	-	-	-	-	-	-
Ala.	3,036	-	-	-	-	-	-	-	-	-	-	-
Miss.	1,386	2.5	43	-	-	15	258	34	2	-	19.5	355
La.	798	t	+	0	0	20.	213	53	5	-	25.	266
Texas	83,666	1	863	-	-	2	1,725	-	-	-	3	2,538
Okla.	38,304	-	-	-	-	-	-	-	-	-	-	-
Ark.	5,346	4	233	t	+	t	+	233	4	0.2	8.2	478
Mont.	16,510	4	750	t	+	0	0	1,501	8	-	12	2,251
Wyo.	4,690	-	-	t	+	-	-	-	-	-	-	-
Colo.	4,680	1.5	71	t	+	0	0	-	-	-	1.5	71
N. Mex.	1,512	-	-	-	-	-	-	-	-	-	-	-
Ariz.	525	2	11	0.5	3	t	+	0	0	-	2.5	14
Utah	2,280	-	-	-	-	-	-	-	-	-	-	-
Nev.	64	-	-	-	-	-	-	-	-	-	-	-
Idaho	4,760	1.5	73	-	-	-	-	49	1	-	2.5	122
Wash.	9,827	0.5	49	t	+	0	0	+	t	-	0.5	49
Oregon	8,816	1.5	134	t	+	t	+	+	t	-	1.5	134
Calif.	5,070	-	-	10.	646	1.5	97	646	10.	-	21.5	1,389
U. S.	1,253,729	3.6	49,852	5.2	73,229	0.3	4,978	16,835	1.2	t	79	144,123

Estimated reduction in yield of corn due to smut (*Ustilago zeae*), leaf rust (*Puccinia sorghi*), and root rot (*Gibberella saubinetii*), 1926.

State	Production:		Estimated reduction in yield due to disease					
	1926		Smut		Leaf rust		Root rots	
	Bushels		Bushels		Bushels		Bushels	
	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%
Me.	546	t	+	-	-	-	-	-
N. H.	705	-	-	-	-	-	-	-
Vt.	3,943	-	-	-	-	-	-	-
Mass.	2,160	1	22	t	+	t	+	+
R. I.	432	-	-	-	-	-	-	-
Conn.	2,700	3	34	-	-	0.5	14	
N. Y.	23,450	0.5	120	t	+	2	431	
N. J.	8,643	2.5	229	-	-	2.5	229	
Pa.	57,154	5.5	4,046	t	+	4	2,942	
Del.	4,273	1	45	-	-	0.5	22	
Md.	22,041	1.5	401	t	+	9	2,405	
Va.	46,535	2	1,013	t	+	3	1,519	
W. Va.	16,467	1	172	-	-	2	343	
N. C.	52,272	3.5	2,036	1	596	2.8	1,669	
S. C.	22,103	15	4,107	-	-	-	-	
Ga.	55,346	-	-	0	0	-	-	
Fla.	7,714	t	0	0	0	-	-	
Ohio	145,436	2	3,422	t	+	3	5,133	
Ind.	170,523	0.5	959	0.5	959	6	11,504	
Ill.	310,970	1	3,873	t	+	2.2	8,520	
Mich.	54,162	3	1,776	t	+	2.5	1,480	
Wis.	73,106	0.5	379	t	+	3	2,275	
Minn.	147,662	1	1,554	0	0	1	1,554	
Iowa	413,586	5	234,499	t	+	t	+	
Mo.*	174,189	3	7,258	0	0	*	*	
N. Dak.	18,162	5	936	t	+	t	+	
S. Dak.	79,794	1	907	0	0	4	3,627	
Nebr.	139,407	-	-	t	+	-	-	
Kans.	57,299	3	2,096	t	+	1	699	
Ky.	121,277	-	-	-	-	-	-	
Tenn.	85,222	5	6,037	-	-	15	18,262	
Ala.	45,765	0.1	49	-	-	4	1,950	
Miss.	36,626	0.5	218	2	872	5	2,170	
La.	19,722	t	+	1	238	5	1,138	
Texas	106,363	1	1,079	t	+	-	-	
Okla.	61,173	-	-	-	-	-	-	
Ark.	41,533	3	1,369	t	+	0	0	
Mont.	3,947	t	+	0	0	2	81	
Wyo.	3,940	-	-	0	0	-	-	
Colo.	10,472	1	106	0	0	0	0	
N. Mex.	4,420	-	-	0	0	-	-	
Ariz.	1,120	4	47	0	0	0	0	
Utah	432	-	-	0	0	-	-	
Nev.	48	-	-	0	0	-	-	
Idaho	2,706	t	+	0	0	t	+	
Wash.	1,715	t	+	0	0	0	0	
Oregon	2,475	0	0	0	0	-	-	
Calif.	2,510	10	271	t	+	-	-	
U. S.	2,645,031	2.3	63,368	0.1	2,665	2.2	63,081	

* Missouri - root and ear rots together caused a loss of 25 per cent.

Estimated reduction in yield of corn due to ear rots, (*Fusarium* sp.) and other diseases, 1926.

State	Estimated reduction in yield due to diseases							
	Ear rots		Other diseases		Sum of traces and no data		All Diseases	
	Bushels		Bushels		Bushels		Bushels	
	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)
	:	:	:	:	:	:	:	:
Me.	-	-	-	-	-	-	-	-
N. H.	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-
Mass.	t	+	t	+	2.	45	3.	67
R. I.	-	-	-	-	-	-	-	-
Conn.	0.5	14	-	-	-	-	4.	112
N. Y.	t	+	-	-	-	-	2.5	601
N. J.	0.5	46	-	-	-	-	5.5	504
Pa.	10.	7,356	2.8	2,060	-	-	22.3	16,404
Del.	2.5	111	-	-	-	-	4	178
Md.	7	1,871	t	+	-	-	17.5	4,677
Va.	3	1,519	0	0	-	-	8	4,051
W. Va.	1	172	t	+	-	-	4.	687
N. C.	5	2,980	t	+	-	-	12.3	7,331
S. C.	5	1,399	1.	280	-	-	21.	5,876
Ga.	6	3,571	1.	595	-	-	7.	4,166
Fla.	-	-	-	-	-	-	-	-
Ohio	5	8,555	5.	8,555	t	+	15.	25,665
Ind.	4.1	7,865	-	-	-	-	11.1	21,292
Ill.	12.5	48,408	4.	15,490	t	+	19.7	76,291
Mich.	3	1,776	-	-	-	-	8.5	5,032
Wis.	t	+	t	+	0.1	76	3.6	2,730
Minn.	3	4,663	t	+	t	+	5.	7,771
Iowa	5	23,499	2.	9,400	-	-	12.	56,398
Mo.	25.*	60,482	t	+	t	+	28.	67,740
N. Dak.	t	+	1.	193	-	-	6.	1,159
S. Dak.	5.	4,534	2.	1,814	0	0	12.	10,882
Nebr.	-	-	-	-	-	-	-	-
Kans.	2.	1,398	12.	8,385	t	+	18.	12,578
Ky.	-	-	-	-	-	-	-	-
Tenn.	10.	12,175	-	-	-	-	30.	36,524
Ala.	1.5	731	0.5	244	-	-	6.1	2,974
Miss.	5.	2,179	3.	1,307	0	0	15.5	6,755
La.	10.	2,376	1	238	t	+	17.	4,040
Texas	-	-	-	-	-	-	1.	1,079
Okla.	-	-	-	-	-	-	-	-
Ark.	4.	1,826	2.	913	t	+	9.	4,108
Mont.	0	0	0	0	t	+	2.	81
Wyo.	-	-	-	-	-	-	-	-
Colo.	0	0	-	-	-	-	1.	106
N. Mex.	-	-	-	-	-	-	-	-
Ariz.	0	0	0	0	0	0	4.	47
Utah	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-
Idaho	t	+	t	+	0.5	14	0.5	14
Wash.	0	0	t	+	-	-	-	-
Oregon	-	-	t	+	-	-	-	-
Calif.	-	-	-	-	-	-	10.	279
U. S.	6.6	199,506	1.6	494,474	t	135	12.8	388,199

: Production:		Estimated reduction in yield due to disease											
State	Bushels (000 omitted)	Kosaic		Leaf roll		Late blight		Rhizoctonia		Blackleg		Fusarium wilt	
		Bushels: (000 omitted)	%	Bushels: (000 omitted)	%	Bushels: (000 omitted)	%	Bushels: (000 omitted)	%	Bushels: (000 omitted)	%	Bushels: (000 omitted)	%
Minn.	29,800	387:	t	+	t	+	4.	1,548	3.	1,161	-	-	-
Iowa	6,083	127:	-	-	-	-	1.	63	1.	63	-	-	-
Mo.	6,480	+	0	0	0	0	10.	838	7.	621	t	-	-
N. Dak.	7,520	84:	t	+	0	0	3.5	292	2.	167	1.5	12F	12F
S. Dak.	3,300	-	-	-	0	0	2.	79	1.	39	-	-	-
Nebr.	5,329	-	-	-	0	0	-	-	-	-	-	-	-
Kans.	3,913	+	-	-	0	0	7.	340	3.	146	-	-	-
Ky.	4,512	509:	7.	509	0	0	7.	509	0	0	-	-	-
Tenn.	2,730	154:	1.	31	0	0	-	-	-	-	-	-	-
Ala.	2,030	-	-	-	0	0	-	-	-	-	-	-	-
Miss.	852	100:	t	+	0	0	t	+	t	+	t	+	+
La.	2,196	258:	t	+	0	0	1.	26	t	+	t	+	+
Texas	2,100	24:	0	0	0	0	-	-	-	-	1.	24	24
Okla.	2,838	-	-	-	0	0	-	-	-	-	-	-	-
Ark.	1,920	379:	3.	76	0	0	t	+	-	-	-	-	-
Mont.	2,975	553:	0.5	19	0	0	1.	37	0.5	19	3.	112	112
Wyo.	1,456	-	-	-	0	0	-	-	-	-	-	-	-
Colo.	11,760	-	0	0	0	0	-	-	-	-	-	-	-
N. Mex.	166	-	-	-	0	0	-	-	-	-	-	-	-
Ariz.	220	+	t	+	0	0	15.	45	2.5	8	t	+	+
Utah	2,465	-	-	-	0	0	-	-	-	-	-	-	-
Nev.	700	-	-	-	0	0	-	-	-	-	-	-	-
Idaho	16,198	1,520:	2.	380	0	0	2.	380	.75	143	-	-	-
Wash.	10,720	1,276:	2.	255	t	+	2.	255	t.	+	t	+	+
Oregon	4,500	477:	0.5	30	3.	179	9.	536	0.5	30	0	0	0
Calif.	6,923	290:	8.	774	0.1	10	2.	193	t	+	1.	97	97
U. S.	356,560	10,335	1.3	5,842	6.2	27,013	1.6	6,774	0.7	2,992	0.2	1,114	1,114

POTATO (continued)

Estimated reduction in yield of potato due to tipburn and hopperburn, early blight (*Alternaria solani*), and other diseases, 1926.

State	Estimated reduction in yield due to disease									
	Production: 1926	Tipburn and hopperburn	Early blight	Other diseases	Sum of traces and no data	All diseases				
	Bushels (000 - omitted)	Bushels (000 - omitted)	%	Bushels (000 - omitted)	%	Bushels (000 - omitted)	%	Bushels (000 - omitted)	%	Bushels (000 - omitted)
Me.	36,930	867	2.	-	-	-	3.	1,500	15.	6,500
N. H.	1,815	118	5.	-	-	-	-	-	23.	543
Vt.	3,100	-	-	-	-	-	-	-	-	-
Mass.	2,015	-	-	-	-	-	-	-	-	-
R. I.	450	-	-	-	-	-	-	-	-	-
Conn.	2,170	11	0.5	-	-	-	0.5	11	4.	39
N. Y.	29,016	875	2.	-	-	-	-	-	33.7	14,749
N. J.	7,250	690	7.	20	6.3	670	-	-	26.4	2,602
Pa.	22,176	+	t	+	-	-	10.	3,163	30.	9,504
Del.	515	131	5.	11	1.	7	-	-	28.5	207
Id.	3,690	49	1.	49	2.	97	0.	0	24.	1,166
Va.	11,650	655	5.	151	1.	151	-	-	11.	1,441
W. Va.	4,932	1,603	25.	87	3.	262	1.	67	26.	1,760
N. C.	7,400	245	2.3	-	-	-	t	+	15.3	1,335
S. C.	7,211	-	-	-	-	-	-	-	3	100
Ca.	1,197	-	-	-	-	-	-	-	12.	152
Fla.	2,832	-	-	-	-	-	-	-	10.1	518
Chio	10,033	903	7.	195	-	-	-	-	22.5	2,420
Ind.	3,740	-	-	-	5.	216	-	-	11.	475
Ill.	5,440	-	-	-	-	-	-	-	-	-
Mich.	29,030	-	-	157	-	-	-	-	4.7	1,491
Wis.	27,140	+	t	+	t	+	1.	327	15.	5,159

SWEET POTATO

Estimated reduction in yield of sweet potato due to stem rot (*Fusarium hyperoxysporum* and *F. batatatis*), black rot (*Sphaeronema fimbriatum*), pox (*Cyrtospora batata*), other diseases and storage rots, 1926.

: Production: Estimated reduction in yield due to disease												
State	Stem rot			Black rot			Pox			Other diseases		
	Bushels (000)	%	: omitted	Bushels (000)	%	: omitted	Bushels (000)	%	: omitted	Bushels (000)	%	: omitted
N. J.	2,465	15.	447	0.2	6	2.	60	-	17.2	513	-	-
Pa.*	110	-	-	-	-	-	-	-	-	-	-	-
Del.	1,251	3.	39	0.5	7	0.5	7	0.5	4.5	60	2.	25
Md.	1,815	3.	57	1.	19	0.5	10	0.5	5	96	10.	182
Va.	5,375	3.	168	1.	56	t	+	t	4.	224	5.	269
W. Va.*	330	-	-	-	-	-	-	-	-	-	-	-
N. C.	7,560	5.	413	2.	165	t	+	1.5	8.5	702	15.	1,134
S. C.	4,160	t	+	1.	42	-	-	1.	2.	84	8.	333
Ca.	2,460	3.	294	0.5	49	-	-	t	3.5	343	12.	1,135
Fla.*	2,800	-	-	-	-	-	-	-	-	-	-	-
Ohio	315	-	-	-	-	-	-	-	-	-	-	-
Ind.*	330	4.	14	-	-	-	-	-	4.	14	-	-
Ill.*	1,430	-	-	-	-	-	-	-	-	-	-	-
Iowa	309	8.	27	2.	7	-	-	-	10.	34	-	-
Mo.	1,120	10.	124	t	+	0	0	t	10.	124	-	-
Kans.	516	6.	34	0.5	3	3.	17	t	9.5	54	3.	15
Ky..	2,040	-	-	15.	360	-	-	-	15.	360	30.	612
Tenn..	5,535	5.	315	7.	440	-	-	-	12.	755	2.	111
Ala.	6,500	4.	280	5.	210	-	-	t	7.	490	10.	650
Miss.	6,240	1.	68	5.	339	-	-	2.	8.	543	10.	624
La.	7,110	t	+	1.	72	t	+	-	1.	72	15.	1,067
Texas*	8,556	-	-	3.	273	-	-	3.	6.	546	20.	1,711
Okl.*	2,520	-	-	-	-	-	-	-	-	-	-	-
Ark.	4,212	3.	137	4.	183	-	-	1.	3.	366	30.	1,264
N. Mex.*	135	-	-	-	-	-	-	-	-	-	-	-
Ariz.	300	t	+	1.5	5	0	0	5.	7.5	24	11.	33
Wash.	-	3.	+	5.	+	-	-	10.	18.	+	5.	+
Calif.	1,164	2.	24	2.	24	-	-	-	4.	48	3.	25
U.S.	83,653	5.	2,441	2.8	2,260	0.1	94	0.8	6.7	5,452	10.3	9,200

* omitted in calculating percentage loss for country.

Estimated percentage reduction in yield of tomatoes due to blight (*Septoria lycopersici*), fusarium wilt (*Fusarium lycopersici*), bacterial wilt (*Bacillus solanacearum*), early blight (*Alternaria solani*) and other diseases, 1926. (Production figures not available.)

State	Estimated reduction in yield due to disease							Sum of traces & no data	All diseases
	Blight	Fusarium wilt	Bacterial wilt	Early blight	Other diseases				
Conn.	1	-	-	-	-		0.5		1.5
N. Y.	t	t	t	t	-		-		t
N. J.	8.	4.5	-	1.	5.		-		18.5
Pa.	t	-	-	-	-		5.		5
Del.	2.	t	-	5.	3.		0		10.
Md.	5.	4.	0.5	6.	6.5		0		22.
Va.	1.	3.	-	5.	3		0		12.
W. Va.	1	t	t	1.	1		1		4
N. C.	2	6.	2.5	t	2		0		12.5
S. C.	t	15.	-	t	3		-		18
Ga.	4	4.	-	10.	-		-		18
Ohio	-	1	-	-	3		-		4
Ind.	2	2	-	3	3		0		10
Mich.	3	t	0	t	1		1		5
Wis.	5	t	0	t	t		1		6
Minn.	t	t	0	t	5		-		5
Iowa	12.	t	0	-	-		-		12
Mo.	2.	5.	0	t	10.		0		17
N. Dak.	-	t	0	-	0.75		-		0.75
S. Dak.	1.	-	0	1	2		0		4
Kans.	3	10.	0	-	3		0		16
Ky.	-	-	-	-	-		-		50
Tenn.	20	10	-	-	5		0		35
Ala.	0.5	-	1	-	-		-		1.5
Miss.	t	15.	t	2	2		0		19
La.	0	20	2	5	15		0		42
Texas	2	2	-	1.5	10		0		15.5
Ark.	t	10	-	t	1		0		11
Ariz.	0	14	5	0	30		-		49
Idaho	0	0	0	-	55		0		55
Wash.	0	0	0	0	75		0		75
Oregon	0	0	0	0	90		t		90
Calif.	-	0.3	-	t	10		-		10.3

BEAN

Estimated percentage reduction in yield of beans due to anthracnose (*Colletotrichum lindemuthianum*), bacterial blight (*Bacterium phaseoli*), mosaic, rootrots (*Fusarium* spp.) and other diseases, 1926. (Production figures are for dry beans)

State	Production (dry beans) 1926	Estimated reduction in yield due to disease											
		Anthracnose			Bacterial blight			Mosaic			Other diseases		
		Bushels: (000 omitted)	%	: (000 omitted):	Bushels: (000 omitted):	%	: (000 omitted):	Bushels: (000 omitted):	%	: (000 omitted):	Bushels: (000 omitted):	%	: (000 omitted):
Me. *	85		-			-			-			-	
Vt. *	50		-			-			-			-	
Conn.													
N. Y.	1,145	44	3.5			-			-			63	107
Del.			0.5			t			0.5				
Md.			2			1.5			1				
Va.			1			1			1				
W. Va.			t			t			t				
S. C.			3			-			-				
Ga.			0.5										
Fla.													
Ind.			-			4							
Ill.													
Mich.	6,624	35	0.5		210	3		140	-				385
Wis.	68		t			1			t			1	2
Minn.	84		t			1		4	-				5

BEAN (continued)

[illegible]

* = States from which no estimates were received omitted in calculating percentage loss for country

Estimated reduction in yield of grape due to blackrot, (*Gaiignardia bidwelli*), and other diseases, 1926.

State	Production:		Blackrot		Other diseases		Sum of traces and no data		All Diseases	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
Me.*	49	-	-	-	-	-	-	-	-	-
N. H.*	96	-	-	-	-	-	-	-	-	-
Vt.*	36	-	-	-	-	-	-	-	-	-
Mass.*	616	-	-	-	-	-	-	-	-	-
R. I.*	212	-	-	-	-	-	-	-	-	-
Conn.	1,275	-	-	1	13	0.5	6	1.5	19	
N. Y.*	106,700	-	-	-	-	-	-	-	-	-
N. J.*	2,320	-	-	-	-	-	-	-	-	-
Pa.*	25,110	-	-	-	-	-	-	-	-	-
Del.	1,536	2.	31	-	-	-	-	2.	31	
Md.	1,330	12.	157	5.5	87	0	0	15.5	244	
Va.	2,790	9	279	1	31	0	0	10.	310	
W. Va.	1,696	1	17	1	17	0	0	2.	34	
I. C.	6,340	4	291	2	146	0	0	6	437	
S. C.	1,785	3	56	1	19	0	0	4	75	
Ga.*	1,392	-	-	-	-	-	-	-	-	-
Fla.*	700	-	-	-	-	-	-	-	-	-
Ohio	29,100	3	900	-	-	-	-	3	900	
Ind.*	4,606	-	-	-	-	-	-	-	-	-
Ill.	6,532	t	+	t	+	-	-	-	-	-
Mich.	60,900	t	+	2	1,243	t	+	2	1,243	
Wis.	409	1	4	1	4	0	0	2	3	
Minn.	85	-	-	t	+	-	-	-	-	-
Iowa	6,052	-	-	t	+	-	-	-	-	-
Mo.	12,880	t	+	t	+	t	+	t	+	
Nebr.*	1,534	-	-	-	-	-	-	-	-	-
Kans.	3,700	1	38	1	38	0	0	2	76	
Ky.*	1,274	-	-	-	-	-	-	-	-	-
Tenn.	1,672	10	186	-	-	-	-	10	186	
Ala.*	913	-	-	-	-	-	-	-	-	-
Miss.	300	3	9	2	6	0	0	5	15	
La.*	42	-	-	-	-	-	-	-	-	-
Texas	1,200	3	39	5.5	72	0	0	8.5	111	
Okla.*	1,800	-	-	-	-	-	-	-	-	-
Ark.	13,000	3	406	1	135	0	0	4	541	
Colo.*	320	0	0	-	-	-	-	-	-	-
N. Mex.*	531	0	0	-	-	-	-	-	-	-
Ariz.	604	0	0	2.5	15	0	0	2.5	15	
Utah*	1,300	0	0	-	-	-	-	-	-	-
Nov.*	230	0	0	-	-	-	-	-	-	-
Idaho*	300	0	0	-	-	-	-	-	-	-
Wash.	2,500	0	0	2	51	0	0	2	51	
Oregon	1,800	0	0	t	+	t	+	t	+	
Calif.	2,040,000	0	0	1.5	31,066	0	0	1.5	31,066	
U. S.	2,349,117	0.1	2,413	1.5	32,243	t	6	1.6	35,362	

* = Omitted from calculations for U. S. percentage loss

Estimated reduction in yield of apple due to bitter rot (*Glomerella cir-gulata*), blackrot (*Physoalospora cydoniac*), blotch (*Phyllosticta solitaria*), and cedar rust (*Gymnosporangium*), 1926.

State	Production:		Estimated reduction in yield due to disease							
	1926		Bitter rot		Blackrot		Blotch		Cedar rust	
	Bushels	%	Bushels	%	Bushels	%	Bushels	%	Bushels	%
	(000 omitted)		(000 omitted)		(000 omitted)		(000 omitted)		(000 omitted)	
Me.	2,260	-	-	-	-	-	-	-	-	-
N. H.	1,240	-	-	-	-	-	-	-	-	-
Vt.	800	-	-	-	-	-	-	-	-	-
Mass.	4,100	-	-	-	-	-	-	-	-	-
R. I.	391	-	-	-	-	-	-	-	-	-
Conn.	1,900	0	0	1.5	30	-	-	1.	20	-
N. Y.	40,375	-	-	-	-	-	-	-	-	-
N. J.	4,310	t	+	-	-	0.5	24	-	-	-
Pa.	17,000	-	-	1	189	-	-	-	-	-
Del.	2,376	0.5	12	t	+	t	+	t	+	+
Md.	3,500	2	85	5.	212	1.	42	.25	11	-
Va.	19,902	0.5	121	1.5	364	t	+	3.	728	-
W. Va.	10,875	t	+	t	+	t	+	1	114	-
N. C.	5,986	3.5	269	2	153	3.5	269	2	153	-
S. C.	647	2	14	-	-	-	-	t	+	-
Ga.	1,827	-	-	-	-	t	+	-	-	-
Chio	11,900	2	263	2.5	329	1.5	197	0.1	13	-
Ind.	4,100	1	45	1	45	1.5	63	-	-	-
Ill.	8,875	t	+	t	+	1	95	1	95	-
Mich.	9,045	-	-	1	102	-	-	t	+	-
Wis.	2,158	0	0	0	0	t	+	t	+	-
Minn.	1,263	0	0	t	+	0	0	t	+	-
Iowa	3,652	-	-	3	144	t	+	2	96	-
Mo.	5,015	t	+	t	+	15.	1,157	t	+	-
S. Dak.	169	t	+	-	-	t	+	1	2	-
Nebr.	761	-	-	-	-	-	-	-	-	-
Kans.	1,428	t	+	t	+	4	62	2	31	-
Ky.	6,408	-	-	-	-	-	-	-	-	-
Tenn.	5,360	5	320	0.1	6	5	320	0.1	6	-
Ala.	1,328	1	15	0.75	11	3.5	51	t	+	-
Miss.	324	1	4	-	-	1	4	t	+	-
La.	35	-	-	-	-	-	-	-	-	-
Texas	380	t	+	t	+	1	5	-	-	-
Okla.	770	-	-	-	-	-	-	-	-	-
Ark.	3,450	t	+	2	77	1	39	2	77	-
Mont.	325	0	0	0	0	0	0	0	0	-
Wyo.	47	-	-	-	-	-	-	-	-	-
Colo.	3,444	-	-	-	-	-	-	-	-	-
N. Mex.	1,147	-	-	-	-	-	-	-	-	-
Ariz.	112	0	0	0	0	0	0	0	0	-
Utah	817	-	-	-	-	-	-	-	-	-
Nev.	42	-	-	-	-	-	-	-	-	-
Ida.	4,200	0	0	0	0	0	0	0	0	-
Wash.	34,030	0	0	0	0	0	0	0	0	-
Ore.	8,036	0	0	0	0	0	0	0	0	-
Calif.	10,350	0	0	0	0	0	0	0	0	-
U. S.	246,460	0.5	1,143	0.7	1,662	0.9	2,333	0.5	1,346	-

Estimated reduction in yield of apple due to fireblight (Bacillus amylovorus, scab (Venturia inaequalis), and other diseases, 1926.

State	Estimated reduction in yield due to disease									
	Fireblight		Scab		Other diseases		Sum of traces: and no data		All diseases	
	Bushels:		Bushels:		Bushels:		Bushels:		Bushels:	
	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)	%	(000 omitted)
Me.	-	-	5	119	-	-	-	-	5	119
N. H.	t	+	-	-	-	-	-	-	-	-
Vt.	-	-	-	-	-	-	-	-	-	-
Mass.	-	-	-	-	-	-	-	-	-	-
R. I.	-	-	-	-	-	-	-	-	-	-
Conn.	0.5:	10	-	-	1.	20	-	-	4.	80
N. Y.	t	+	3	1,262	-	-	1	421	4	1,683
N. J.	-	-	6	291	4.5	218	-	-	11.	533
Pa.	t	+	3	567	2	378	4	756	10	1,890
Del.	0.5:	12	0.5:	12	2	49	-	-	3.5	85
Md.	4	170	2.5:	106	2.75:	117	0	0	17.5	743
Va.	t	+	2	485	11.	2,670	0	0	18	4,368
W. Va.	1	114	t	+	1	114	2	229	5	571
N. C.	3.5:	269	6	460	1.5	115	0	0	22	1,688
S. C.	2	14	-	-	2	14	-	-	6	42
Gi.	-	-	-	-	-	-	-	-	-	-
Ohio	1	132	1	132	1.5	197	0	0	9.6	1,263
Ind.	5	225	0.5:	23	-	-	-	-	9	406
Ill.	2	191	1	95	1.9	181	-	-	6.9	657
Mich.	5	508	5	508	-	-	-	-	11.	1,118
Wis.	2	47	5	117	t	+	0.5	12	7.5	176
Minn.	3	40	t	+	1	13	1	13	5	66
Iowa	3	144	16	769	-	-	-	-	24	1,153
Mo.	15.	1,157	t	+	5	386	-	-	35	2,700
S. Dak.	3	6	5	10	3	6	-	-	12	24
Neb.	-	-	t	+	-	-	-	-	-	-
Kans.	1	16	t	+	1	16	-	-	8	125
Ky.	-	-	-	-	-	-	-	-	-	-
Tenn.	1	64	-	-	5	320	-	-	16.2	1,036
Ala.	1.5:	22	2	29	-	-	-	-	8.75:	128
Miss.	6	21	t	+	-	-	-	-	8	29
La.	-	-	-	-	-	-	-	-	-	-
Texas	3	14	-	-	13	60	-	-	17	79
Okla.	-	-	-	-	-	-	-	-	-	-
Ark.	3.5:	135	t	+	2	77	-	-	10.5	405
Mont.	1	3	5	17	1	3	0	0	7	23
Wyo.	-	-	-	-	-	-	-	-	-	-
Calo.	-	-	-	-	-	-	-	-	-	-
N. Mex.	-	-	-	-	-	-	-	-	-	-
Ariz.	2	3	0	0	10	13	0	0	12	16
Utah	-	-	-	-	-	-	-	-	-	-
Nev.	-	-	-	-	-	-	-	-	-	-
Ida.	t	+	t	+	2	87	1	43	3	130
Wash.	t	+	t	+	10.	3,781	-	-	10	3,781
Ore.	t	+	2	183	10	913	t	+	12	1,096
Calif.	0.3:	34	0.5:	56	7	736	0	0	7.8	876
U. S.	1.3:	3,351	2.1:	5,241	4.2	10,534	0.6	1,474	10.8	27,081

PEACH

Estimated reduction in yield of peach due to leafcurl (*Eriosoma deformans*), brownrot (*Sclerotinia fructicola*), yellows and little peach, scab (*Gladosporium carpophilum*) and other diseases, 1926.

State	Production: Bushels (OOO omitted)	Estimated reduction in yield due to disease									
		Leafcurl	Leafcurl	Brownrot	Yellows and	Scab	Other	Sum of traces	All		
		:Bushels:	:Bushels:	:Bushels:	:Bushels:	:Bushels:	:diseases:	:and no data:	:diseases:		
		:%:	:%:	:%:	:%:	:%:	:%:	:%:	:%:		
		:mited):	:mited):	:mited):	:mited):	:mited):	:mited):	:mited):	:mited):		
I. H.*	29	-	-	-	-	-	-	-	-	-	-
Mass.*	213	-	-	-	-	-	-	-	-	-	-
K. I.*	37	-	-	-	-	-	-	-	-	-	-
Conn.	255	-	-	3	-	-	-	-	-	3	4
N. Y.	2,300	t	t	12	0.5	12	1	27	-	-	2
N. J.	3,000	t	t	160	-	16	0.5	16	-	-	6
Pa.	7,494	-	-	135	0.5	27	1	27	-	-	7.5
Del.	450	t	t	10	t	7	2	10	-	-	5.5
Md.	700	2	15	133	2	9	1	9	0	0	21
Va.	1,176	0.5	1.5	18	t	6	1	12	+	+	3.5
W. Va.	1,000	t	3	32	t	11	t	+	1	11	5
N. C.	2,100	1.5	3	126	-	50	2	201	-	63	16.5
S. C.	1,054	-	1	11	0	-	-	-	-	-	7
Ga.*	9,400	t	-	-	-	-	-	-	-	-	-
Fla.*	125	-	-	-	0	-	-	-	-	-	-
Chio	2,129	0	4	91	0.5	23	1	23	-	-	6.5
Ind.	900	1	2	19	-	-	2	19	-	-	5
Ill.	2,660	1	t	4	0	+	2	55	-	-	3
Mich.	1,564	t	10	193	2	18	1.5	27	-	-	14.5
Iowa*	97	t	-	-	0	-	-	-	-	-	-

PEAR

Estimated reduction in yield of pear due to fireblight, (*Bacillus amylovorus*), scab (*Venturia pyrina*), leaflight (*Fabraea maculata*), and other diseases, 1926.

State	Production: 1926	Estimated reduction in yield due to disease														
		Firelight		Scab		Leaflight		Other diseases		Sum of traces		All diseases				
		Bushels: (000)	%	Bushels: (000)	%	Bushels: (000)	%	Bushels: (000)	%	Bushels: (000)	%	Bushels: (000)	%			
		omitted)		omitted)			omitted)			omitted)		omitted)		omitted)		
Me.*	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N. H.*	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vt.*	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mass.*	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R. I.*	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Conn.	57	1	0.5	-	-	-	-	-	-	-	-	-	-	2.5	-	1
N. Y.*	2,088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N. J.	645	+	5	36	5	36	5	-	-	15	-	-	-	10.	-	72
Pa.	743	8	1	+	t	+	t	+	0.5	2	-	-	-	3	-	23
Del.	338	8	2	+	t	+	0.5	24	5	24	0	0	0	2.5	-	10
Mo.	344	37	3	5	5	24	5	-	-	4	-	-	-	19.	-	92
Va.	410	4	1	+	t	+	1	+	1	+	-	-	-	2	-	3
W. Va.	100	1	1	+	t	+	t	-	t	-	-	-	-	2	-	2
N. C.	270	6	20.	-	-	-	-	-	-	-	-	-	-	20.	-	68
S. C.	133	-	-	-	-	-	-	-	-	-	-	-	-	11.	-	16
Ga.*	257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla.*	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	430	7	1.5	2	0.5	-	-	-	-	-	-	-	-	2.	-	9
Ind.*	328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill.	418	91	10	0	t	+	t	+	t	+	-	-	-	10.	-	91
Mich.	889	47	5	+	t	+	t	+	t	+	-	-	-	5	-	47
Wis.	17	+	t	+	1	0	t	0	t	+	0.5	+	+	1.5	+	+

: Production:		Estimated reduction in yield due to disease									
: 1926		: Firelight		: Scab		: Leaflight		: Other disease		: Sum of traces, and no data	
State	Bushels	: Bushels:	: Bushels:	: Bushels:	: Bushels:	: Bushels:	: Bushels:	: Bushels:	: Bushels:	: Bushels:	: Bushels:
: (000	: (000	: (000	: (000	: (000	: (000	: (000	: (000	: (000	: (000	: (000	: (000
: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)	: omitted)
:	:	:	:	:	:	:	:	:	:	:	:
Iowa	68	: 10	:	:	:	:	:	:	:	:	:
Mo.	473	: 15.	:	:	:	:	:	:	:	:	:
S. D.	-	: 5	:	:	:	:	:	:	:	:	:
Nebr.*	29	: -	:	:	:	:	:	:	:	:	:
Kans.	186	: 2	:	:	:	:	:	:	:	:	:
Ky.*	144	: -	:	:	:	:	:	:	:	:	:
Tenn.	266	: 25.	:	:	:	:	:	:	:	:	:
Ala.*	211	: -	:	:	:	:	:	:	:	:	:
Miss.	189	: 50.	:	:	:	:	:	:	:	:	:
Ia.	71	: 75.	:	:	:	:	:	:	:	:	:
Texas	580	: 2	:	:	:	:	:	:	:	:	:
Okla.*	81	: -	:	:	:	:	:	:	:	:	:
Ark.	116	: 30	:	:	:	:	:	:	:	:	:
Mont.*	3	: -	:	:	:	:	:	:	:	:	:
Colo.*	564	: 0	:	:	:	:	:	:	:	:	:
N. Mex.*	42	: -	:	:	:	:	:	:	:	:	:
Ariz.	15	: 3	:	:	:	:	:	:	:	:	:
Utah*	80	: -	:	:	:	:	:	:	:	:	:
Nev.*	6	: -	:	:	:	:	:	:	:	:	:
Idaho	63	: t	:	:	:	:	:	:	:	:	:
Wash.	3,230	: t	:	:	:	:	:	:	:	:	:
Oregon	2,100	: t	:	:	:	:	:	:	:	:	:
Calif.	9,000	: 5.	:	:	:	:	:	:	:	:	:
U. S.	25,174	: 6.0	:	:	:	:	:	:	:	:	:

*= Omitted from calculations for U. S. percentage loss.

PLUM AND PRUNE

Estimated percentage reduction in yield of plum and prune due to brown-rot (*Sclerotinia fructicola*), and other diseases, 1926.

State	Estimated reduction in yield due to disease			
			Sum of traces	
	Brownrot	Other diseases	and no data	All diseases
	%	%	%	%
Conn.	4	0.5	0	4.5
N. Y.	3	2	0	5
Pa.	4	-	-	4
Del.	1	1	0	2
Md.	7	2	0	9
Va.	3	1	0	4
W. Va.	-	-	-	-
N. C.	6	-	-	6
S. C.	-	t	-	t
Ohio	10	1	0	11
Ill.	5	t	t	5
Mich.	10	1	0	11
Wis.	6	t	t	6
Minn.	2.5	1	0	3.5
Mo.	25	t	t	25
N. D.	t	1	t	1
S. D.	1	5	0	6
Kans.	t	t	t	t
Tenn.	5	3	0	8
Texas	-	3.5	-	3.5
Ark.	5	1	0	6
Ariz.	0	1	0	1
Idaho	-	-	-	2
Wash.	t	5	t	5
Oregon	3	1	0	4

CHERRY

Estimated percentage reduction in yield of cherry due to brownrot
 (Sclerotinia fructicola), leafspot (Coccomyces hiemalis),
 and other diseases, 1926.

State	Estimated reduction in yield due to disease				
	Brownrot	Leafspot	Other diseases	Sum of traces: and no data	All diseases
	%	%	%	%	%
	:	:	:	:	:
Conn.	1.5	-	1	-	2.5
N. Y.	t	-	-	-	t
N. J.	5	-	-	-	5
Pa.	5	-	-	-	5
Del.	t	-	0.5	-	0.5
Md.	7	10	t	t	17
Va.	3	1	1	0	5
W. Va.	1	t	t	1	2
Ohio	0.5	-	-	-	0.5
Ill.	1	t	t	-	1
Mich.	3	2	1	0	6
Wis.	0.5	0.5	1	0	2
Iowa	t	1	3	t	4
Mo.	-	10	5	-	15
Kans.	t	t	t	1	1
Tenn.	5	1	-	-	6
Ark.	3	2	1	0	6
Mont.	0	1	3	0	4
Ariz.	0	0	1	0	1
Idaho	-	-	2	-	2
Wash.	t	0	4	t	4
Oregon	2	t	t	1	3
Calif.	1	-	1	-	2

RASPBERRY

Estimated reduction in yield of raspberry due to mosaic and leafcurl
(cause unknown), and other diseases, 1926.

State	Estimated reduction in yield due to disease		
	Mosaic and	Other diseases	All diseases
	Leafcurl		
	%	%	%
Me.	-	-	-
Conn.	4	1	5
N. Y.	15	1	16
Pa.	15	6	21
Del.	0.5	0.5	1
Md.	6	6	12
Va.	t	7	7
S. C.	-	t	t
Ohio	13	4	17
Ind.	-	6	6
Mich.	15	10	25
Wis.	5	5	10
Minn.	14.5	5	19.5
Iowa	t	-	t
Mo.	-	25	25
N. D.	2	1	3
S. D.	-	3	3
Kans.	t	0	0
Tenn.	-	1	1
Texas	0	0	0
Ark.	-	25	25
Ariz.	0	1	1
Wash.	5	10	15
Oregon	t	t	t