

SUBJECT: STATEMENT OF RAIL SHIPMENTS - YAKIMA VALLEY, STATE OF WASHINGTON,  
BY COMMODITIES FOR TEN YEARS, WITH TOTALS AND AVERAGES

EXHIBIT NO. \_\_\_\_\_

WITNESS: Ivan L. Plette

	<u>1924</u>	<u>1925</u>	<u>1926</u>	<u>1927</u>	<u>1928</u>	<u>1929</u>	<u>1930</u>	<u>1931</u>	<u>1932</u>	<u>1933</u>	<u>Total</u>	<u>Average</u>
Apples, com'l.	8574	14409	13199	10757	14665	11957	17309	12132	10226	9155	122,383	12,238
" canlery	#	85	876	477	1366	760	520	418	498	445	6,045 a	672
Apricots	14	27	78	5	144	82	84	183	132	2	751	75
Cherries	77	295	216	32	436	311	373	147	370	428	2,685	269
Grapes	73	183	108	154	237	215	118	84	67	38	1,277	128
Peaches	347	851	1243	201	1637	1264	519	838	798	93	7,791	779
Pears	1750	2842	4125	1730	4298	2935	4619	3271	2399	3086	31,055	3,105
Mixed fruit	832	1744	1799	1189	1957	1680	1754	1182	1065	1042	14,244	1,424
Plums & Prunes	50	243	217	179	331	527	438	189	336	467	2,977	298
Strawberries	3	1	11	5	16	15	11	15	9	0	86	9
Total	11,720	21,280	21,872	14,729	25,087	19,746	25,745	18,459	15,900	14,756	189,294	18,929
Asparagus	*	*	65	61	76	83	84	48	76	44	537 b	67
Melons & Cants	424	389	278	378	420	479	385	232	139	61	3,185	319
Onions	208	481	412	535	562	616	653	623	369	618	5,077	508
Potatoes	5928	7621	8248	7837	6867	6756	6924	5738	4020	4745	64,684	6,468
Tomatoes	*	*	*	*	110	164	312	219	73	78	956 c	158
Other vegetables	372	404	253	447	432	573	411	382	488	464	4,226	423
Total	6932	8895	9256	9258	8467	8671	8769	7242	5165	6010	78,665	7,867
GRAND TOTAL	18652	30175	31128	23987	33554	28417	34514	25701	21065	20766	267,959	26,796

# Cannery segregation not available

\* Included with "Other Vegetables"

a - Average for nine years

b - Average for eight years

c - Average for six years

NOTE: No truck movement is considered in any of the above items which are rail movement only.



I.C.C. ExParte 115

EXHIBIT No. \_\_\_\_\_

WITNESS - Ivan L. Plette

BEARING AND NON-BEARING TREES

The number of apple trees in the State of Washington in the census years beginning with 1910 was as follows:

<u>Census Year</u>	<u>Trees not of bearing age</u>	<u>Trees of bearing age</u>	<u>Total number of trees</u>
1910	4,862,702	3,009,337	7,872,039
1920	755,898	7,964,167	8,720,065
1925	1,049,949	6,781,852	7,831,801
1930	947,986	5,193,571	6,141,557

The heavy plantings in Washington began a few years before 1910. In that year there were 7.9 million trees, of which only 38 percent were bearing trees. For a few years following 1910 heavy plantings continued but decreased sharply before 1920. The heavy plantings just before and immediately following 1910 were reflected in the increase of nearly five million bearing trees in 1920 when the peak of 8 million was reached.

By 1925 the number of bearing trees had decreased 15 percent and by 1930 they had decreased to a point 35 percent below 1920, although there were 73 percent more than in 1910. About 15 percent of the trees in 1930 had not attained bearing age.

The census indicates that there were only 5.2 million bearing trees in 1930, showing that at least 3.5 million trees had been removed from the orchards. This is a conservative estimate, since trees that were planted between 1920 and 1930, but which reached bearing age before 1930, have not been considered.

The rate of tree elimination that will take place in the next few years cannot be estimated with accuracy. As trees grow older, it seems probable that tree removal from crowded orchards will increase, but this type of elimination decreases the total tonnage but little and may even cause some increase. On the other hand, if recent low prices should continue for several years, many of the poorer orchards will be abandoned and many other orchards will probably receive less care. These conditions will tend to retard the increase in production.

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EXHIBIT NO. \_\_\_\_\_

WITNESS - Ivan L. Plette

AGE OF APPLE TREES

The Division of Horticulture of the State Department of Agriculture took a census of the fruit trees in Washington for 1931. These data are more accurate for the commercial apple districts than for the district west of the Cascades where few of the orchards are handling on a commercial basis. As this census indicates that 70 percent of the apple trees were 16 years or older in 1931, it would have been helpful if a classification had been used which would have furnished more detail concerning the ages of this large proportion of the trees.

The number of trees of various ages in Washington in 1931 and the percentage of the total which they represent, together with the approximate annual planting rate as indicated by this census were as follows:

<u>Age</u>	<u>Years Planted</u>	<u>Number of trees</u>	<u>Percent</u>	<u>Approximate annual plant- ing rate (thous- and trees)</u>
1 and 2 years	1929 - 1930	390,230	7.4	195
3 and 4 years	1927 - 1928	295,454	5.6	148
5 to 10 years	1921 - 1926	708,639	13.4	118
11 to 15 years	1916 - 1920	208,063	4.0	42
16 years and older	1915 and before	3,675,400	69.6	--
All ages		5,277,786	100.0	--

The approximate average annual planting rate may be obtained by dividing the number of trees planted during a period by the number of years in the period. (1) The average annual rate of planting apple trees has been increasing in Washington since 1916 and approximated 195,000 in 1929 and 1930. If it is assumed that an average apple tree begins to bear on a commercial scale about its seventh year, new apple trees are now coming into commercial bearing at the rate of nearly 120,000 a year, while in 1934 and 1935 the annual rate will increase to almost 150,000 and in 1936 and 1937 it will increase further to nearly 200,000 a year. This will have a tendency to increase production during the next few years.

(1) Because this calculation does not take into account the number of trees that have been eliminated from orchards since the planting dates, it gives only approximate figures, and the longer it has been since they were planted, the more chance there is for inaccuracies. The method is sufficiently accurate to measure recent planting trends, but probably should not be used for periods as long ago as 15 to 20 years.

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STATEMENT OF SHIPMENT OF APPLES BY VARIETIES  
FROM THE YAKIMA AND WENATCHEE DISTRICTS COMBINED

I.C.C. Ex Parte 115

EXHIBIT NO. \_\_\_\_\_

Witness - Ivan L. Plette.

SEASON	1924		1925		1926		1927		1928	
	Pctge.	Carloads	Pctge.	Carloads	Pctge.	Carloads	Pctge.	Carloads	Pctge.	Carloads
Winesaps	42.017	9206	42.230	12843	39.441	11849	42.200	11,283	39.164	13853
Jonathans	15.299	3352	17.546	5336	21.213	6373	17.018	4,550	16.719	5914
Rome Beauty	10.790	2364	10.312	3136	8.345	2507	13.322	3,562	9.813	3471
Delicious	9.740	2134	12.732	3872	14.470	4347	12.664	3,386	17.220	6091
Y. Newtown	2.455	538	1.976	601	1.934	581	2.207	590	2.378	841
Spitzenberg	5.847	1281	2.045	622	4.574	1374	2.566	686	4.187	1481
Staymen	5.646	1237	4.612	1403	3.578	1075	3.875	1,036	4.198	1485
Ark. Black	0.812	178	1.299	395	1.575	473	1.545	413	1.439	509
Grimes G.	0.643	141	.388	118	.662	199	.438	117	.334	118
Wagners	0.278	61	.141	43	.000	000	.082	22	.000	0
Black Twig	0.493	108	.727	221	.380	114	.549	147	.401	142
W. Bananas	1.301	285	1.171	356	1.441	433	1.156	309	1.648	583
W.W.Pearmain	1.000	219	.796	242	.612	184	.542	145	.664	235
Other var.	3.679	806	4.025	1224	1.775	533	1.836	491	1.835	649
Total -	100.000	21910	100.000	30412	100.000	30042	100.000	26737	100.000	35372

  

SEASON	1929		1930		1931		1932		1933	
	Pctge.	Carloads	Pctge.	Carloads	Pctge.	Carloads	Pctge.	Carloads	Pctge.	Carloads
Winesaps	47.389	14065	36.711	14974	43.487	13559	37.125	10747	42.283	10663
Jonathans	11.162	3313	17.706	7222	14.814	4619	13.524	3915	12.610	3180
Rome Beauty	8.915	2646	10.902	4447	10.190	3177	9.465	2740	10.980	2769
Delicious	19.690	5844	19.103	7792	19.042	5937	29.187	8449	22.972	5793
Yellow N.	1.388	412	1.969	803	1.892	590	2.363	684	2.058	519
Spitzenberg	1.587	471	2.653	1082	1.690	527	1.451	420	1.316	332
Staymen	4.370	1297	4.347	1773	4.638	1446	3.358	972	3.597	907
Ark. Black	1.226	364	1.397	570	1.373	428	.995	288	.714	180
Grimes G.	.078	23	.128	52	.055	17	.048	14	.000	.000
Wagners		0	.000	0	---	---	---	---	---	---
W. Bananas	1.041	309	1.407	574	1.026	320	.639	185	.579	146
W.W.Pearmain	.455	135	.576	235	.433	135	.511	148	.401	101
Other var.	2.281	677	2.692	1098	1.100	343	1.334	386	2.490	628
Total	100.000	29680	100.000	40789	100.000	31179	100.000	28948	100.000	25218