Table 1. Yield data from red raspberry varieties grown at the Small Fruits Substation, Abbotsford, B. C.

Marketable Yields in Tons per Acre[1]

1960		*1961*		*1962*	
Sumner	5.15	Willamette	4.62	Sumner	4.78
Willamette	5.07	Agassiz 14	4.17	Canby	4.29
Carnival	4.75	Sumner	4.10	Willamette	4.14
Agassiz 14	4.74	Lloyd George	3.89	Agassiz 14	3.97
Puyallup	4.60	Newburgh	3.70	Lloyd George	3.95
Creston	4.31	Agassiz 34	3.69	Newburgh	3.86
Agassiz 34	3.82	Creston	3.50	Creston	3.76
Canby	3.56	Canby	3.36	Agassiz 34	3.51
Washington	3.43	Puyallup	3.18	Puyallup	3.43
Agassiz 19	3.22	Washington	3.11	Agassiz 19	3.15
Newburgh	3.21	Carnival	3.11	Carnival	2.74
Lloyd George	2.65	Agassiz 19	2.20	Washington	1.91

[1]Any two figures not included by the same bracket are significantly different at the 5% level.

nival unattractive. The fruit of Puyallup was firm and large, but coarse in texture. Both Puyallup and Carnival were susceptible to powdery mildew. Lloyd George was another inconsistent yielder, while Washington was among the low yielders in each of the years. In 1962 the latter variety suffered severe winter injury, and this factor was probably the cause of the very low yield recorded in that year.

Among the seedlings, Agassiz 14 consistently produced a relatively high yield of fruit which was soft and of poor quality. Agassiz 34 produced better quality fruit, but was a relatively poor yielder. Agassiz 19 was among the low yielders in each of the years, and produced unattractive fruit.

Since the trial was established, a new variety, Fairview, developed by the U.S.D.A. in Oregon, has created considerable interest in the area. In 1960 a single row of it was planted adjacent to the yield trial, and in 1962 the first yield data were obtained. The variety looked very promising when compared with either Sumner or Willamette. More information on its performance over a period of several years must be obtained before commercial planting of the variety in British Columbia can be recommended. In the meantime, Willamette and Sumner are recommended for planting on well drained soils; Newburgh is recommended only where drainage is a problem.

Promising New Strawberries in Massachusetts

Of thirty strawberry varieties and selections tested by J. F. Anderson, of the University of Massachusetts in 1961, the following newer varieties appeared worthy of further testing:

Fulton (New York): is a firm attractive midseason variety of good flavor. It is vigorous and a good runner producer.

New Jersey 157: is a very large, attractive berry of good quality. It is late in season and vigorous. However, the first berries tend to be rough, the cap is tight, and it is not resistant to red stele.