

year he estimates a yield of 40,000 lbs. from his 23 acres. He owns 145 acres of land, and is each year extending his acreage of hops. His drying house is 30x60, with four kilns, 17x17. Near this building is his store house and baling room.

D. M. Ross and his sons, Charles and Albert, are located on a hop ranch, consisting of 343 acres, and about 1½ miles west from Puyallup. Mr. Ross came to the place in 1864, and in 1874 planted three acres of hops. He has now 28 acres, the yield of which will be 2,000 lbs. per acre. They have two drying houses, the first being erected in 1875, and is 60x60 feet, with two kilns, 18x18 each. Its capacity for twenty-four hours is 1,600 lbs. The second was built in 1884, and is 82x28 feet. The kiln is 28x28, with a receiving floor, 28x14, opposite which is the store house and press room, 20x40. This house has a capacity of about 1,400 lbs. in twenty-four hours.

Near the hop ranches of Ross and Bowman is one owned by Mrs. C. A. Clark. The planting was commenced in 1873, and she has now 11 acres, which will yield 2,000 lbs. to the acre.

John Carson, one of the original settlers in the valley, planted 14 acres of hops in 1872, and has since increased his yards to 41 acres. He estimates his crop this year at 2,100 lbs. to the acre. His average yield has been 1,800 lbs. to the acre, and the average price 18.5 cents per lb. He has two kilns, one 20x40 and the other 32x40. He has one store house 24x124, and the other 24x20. The drying capacity of the kilns is two tons for twenty-four hours. It takes a force of 135 hands to pick and dry the hops.

As a convenience to the consumers and dealers of hops, we give, in tabulated form, the names, post office address and the number of acres of each grower:

| PUYALLUP. | | | |
|---------------------|--------|-----------------------|--------|
| Name. | Acres. | Name. | Acres. |
| H. Crockett..... | 2 | Mrs. E. A. Clark..... | 11 |
| B. A. Young..... | 16 | W. J. Bowman..... | 23 |
| B. F. Young..... | 14 | W. Cheesman..... | 3 |
| H. Dagget..... | 1½ | C. W. Sewart..... | 4 |
| A. C. Campbell..... | 45 | G. Mosart..... | 3 |
| Wagner & Co..... | 3 | S. Kupher..... | 3 |
| D. M. Ross..... | 28 | Willis Boatman..... | 21 |
| G. Marshall..... | 3 | R. Nix..... | 16 |
| J. Meeker..... | 4 | A. J. Miller..... | 16½ |
| J. P. Stewart..... | 14 | R. S. More..... | 7 |
| J. V. Meeker..... | 13 | J. Carson..... | 38 |
| Mrs. Ackerson..... | 22½ | E. Meeker..... | 120 |
| C. H. Spinning..... | 32 | J. V. Jackson..... | 3 |
| G. A. Gardella..... | 23 | W. Lee..... | 3 |
| G. A. Cook..... | 5 | | |

| SUMNER. | | | |
|---------------------|--------|----------------------|--------|
| Name. | Acres. | Name. | Acres. |
| J. A. McCarty..... | 13 | Maj. Alderton..... | 10 |
| S. Bird..... | 5½ | B. Spinning..... | 10 |
| S. Bonney..... | 7 | J. R. Dickenson..... | 30 |
| J. Steller..... | 4 | W. Forrest..... | 4¾ |
| J. D. Gilham..... | 16 | L. F. Thompson..... | 43 |
| W. C. Kincaid..... | 16 | W. H. Baker..... | 6 |
| J. F. Kincaid..... | 14 | A. H. Woolery..... | 19 |
| J. M. McMillan..... | 20 | George Linesly..... | 6 |
| W. Smith..... | 2 | G. H. Ryan..... | 12 |
| E. C. Mead..... | 15 | A. G. Mathews..... | 4 |
| R. Parker..... | 5½ | S. F. Burr..... | 6 |
| Walker Ranch..... | 31 | T. J. Lenover..... | 5 |

| HILHURST. | | | |
|------------------|--------|-------|--------|
| Name. | Acres. | Name. | Acres. |
| Lyle & Rice..... | 19 | | |

| SOUTH PRAIRIE. | | | |
|----------------|--------|--------------|--------|
| Name. | Acres. | Name. | Acres. |
| A. Temple..... | 6 | Scanlin..... | 3 |
| Dean..... | 2 | Fellows..... | 10 |

| ORTING. | | | |
|-------------------|--------|--------------------|--------|
| Name. | Acres. | Name. | Acres. |
| M. Lee..... | 4 | H. Becket..... | 13 |
| A. Noble..... | 3 | W. Lane..... | 13 |
| W. Hammond..... | 2½ | W. Stevenson..... | 4½ |
| O. Farrell..... | 4 | Witesell Bros..... | 20 |
| J. E. Hilly..... | 3½ | E. A. Loranz..... | 9 |
| M. Haggard..... | 6 | B. Wright..... | 7 |
| J. H. Wilbur..... | 2½ | H. McCan..... | 6 |
| J. Woolery..... | 5 | A. Lane..... | 5 |
| P. Hardefelt..... | 3½ | S. B. Alney..... | 6 |
| J. C. Taylor..... | 5 | | |

| ALDERTON. | | | |
|------------------------|--------|-------------------|--------|
| Name. | Acres. | Name. | Acres. |
| F. Balk..... | 2½ | Z. A. Stone..... | 11 |
| O. M. Annis..... | 21 | A. J. Oliver..... | 10 |
| Wallace & Spooner..... | 6 | G. Hankleman..... | 12 |
| Carl Miller..... | 14 | William Lane..... | 13 |

| MARION. | | | |
|-----------------|--------|-----------------|--------|
| Name. | Acres. | Name. | Acres. |
| D. Morris..... | 3 | Spaulding..... | 4 |
| McHugh..... | 7 | N. Shelp..... | 2 |
| J. Ramsey..... | 2 | H. Walse..... | 2 |
| J. Burngar..... | 2 | J. Stilley..... | 4 |
| Gray..... | 9 | | |

| STEILACOOM. | | | |
|---------------|--------|---------------|--------|
| Name. | Acres. | Name. | Acres. |
| T. Mahon..... | 2½ | P. Smith..... | 10 |

| ELHL. | | | |
|------------------|--------|---------------------|--------|
| Name. | Acres. | Name. | Acres. |
| A. J. Query..... | 7 | H. C. Helmbold..... | 30 |
| Van Ogle..... | 63 | David Winkler..... | 7 |
| A. Sherman..... | 9 | R. R. McCumber..... | 4 |
| White..... | 12 | | |

On leaving the Puyallup Valley, near Sumner, and going up the Stuck River, one reaches the far-famed White River Valley. It is longer and broader than the Puyallup, and is divided by the waters of hite WRiver. When it is understood that this river, like six others, rises at Mount Rainier, and for ages has been carrying the rich soil from the mountainous country through which it passes, and depositing it in the more level land as it nears the Sound; that this made land has reached a depth that is incalculable; that it is now covered with stately trees and thick undergrowth, then one can realize how rich and productive the soil must be. P. C. Hayes is the pioneer hop grower in this valley, planting nine acres in the spring of 1875. The year following C. M. Van Doren planted twenty acres; but the majority of growers did not engage in the business until about three years ago. When all the land in this valley shall have been cleared; when the owners of the soil shall have put out hop yards and erected kilns; when its entire length and breadth shall be devoted to this industry; then it will be that the White River Valley will constitute a very important factor in the hop growing interests of the United States. In all essential particulars the climatic and other conditions here are the same as those existing in Puyallup.

The most important grower in the valley is C. M. Van Doren, who has 25 acres planted. He has three kilns, erected in a triangular shape, each of which is 22x22 and