

W. C. Kincaid's hop field comprises 16 acres of the finest hops in the valley. Mr. Kincaid will harvest over 18 tons from this field this year. He has just completed a dry house, with foundation of concrete. There are two kilns, 20x24 each, 25 feet from the ground to the drying floor. In front of these kilns is an elevated platform, 18x72. Connected with the kilns, on the west, is a store room, 24x50, two stories high, and to the south of this is the baling room, 14x50. His flues are of brick, and the structure is convenient, substantial and fireproof.

S. F. Burr grows six acres of hops, and has one kiln, 22x24, with store room 22x32. His neighbor, T. J. Lenover, has five acres, but no kiln.

A. H. Woolery is a '53 settler. In 1875 he planted nine acres, and has now 19 acres, which will yield 2,200 lbs. to the acre. He has raised, on an average, 1,700 lbs. since the first planting. He possesses the only hexagonal kiln in this country, which is 27x27. His store room is 20x60.

David Winkler planted his seven acres in 1882. They gave him this year nearly 15,000 lbs. He has one kiln, 22x24, and a ware room 22x40.

R. R. McCumber has four acres of hops, which are yielding 2,000 lbs. to the acre.

A. J. Query has seven acres. His average yield this year is 2,000 lbs. to the acre. He has raised since 1882 1,500 lbs. per acre. He has but one kiln, which is 22x22, and a warehouse, 22x40.

Mr. Van Ogle has 63 acres planted to hops, and he estimates the yield at 1,800 lbs. this year. He has three kilns, one 22x22, one 22x30 and one 24x36. His three warehouses are 20x63, 24x40 and 22x40. The drying capacity of these kilns is 4,500 lbs. dried hops in twenty-four hours.

H. C. Helmbold has 30 acres, and has been raising hops eleven years. He will harvest over 65,000 lbs. this year. He has two kilns, one 20x20 and the other 22x22; also warehouses, 22x50 and 20x45. He has sold his crops at an average of 20 cents.

Spooner & Wallace have six acres of hops, and their estimate is five tons. They have one kiln, 20x20, and store room, 20x40.

William Lane planted three acres of hops in 1873, and has increased the acreage to 13 acres. This year has averaged 2,200 lbs. to the acre for the eleven years, and the crop turned out over 2,400 lbs. to the acre this season. Mr. Lane has been extremely fortunate in making sales, for his average price has netted him 22 cents per lb. He has one kiln, 20x20, with a store house 22x42. He has the plans for a new kiln, which is shown in the engraving.

O. M. Annis eight years ago planted five acres. He has now 21 acres, which are yielding 2,000 lbs. to the acre this year. His sales have averaged him 25 cents. His average yield has been 1,600 lbs. to the acre. He has erected a new hop house, 22x68, with two kilns 22x22 each. His store room is 20x80, with all the modern improvements.

Carl Miller is located on the table land south of the

valley. He has 14 acres of the finest vines in Pierce County. His crop this year is yielding him 2,600 lbs. to the acre, and he has not failed to raise 2,000 lbs. to the acre in any year. He has one small kiln, which he built in 1881, and this year he has built a large hop house, with two kilns 26x26 each. He has a receiving room, 20x26, and a store room, 48x50.

The Riverside Farm, owned by A. C. Campbell, comprises 183 acres. It was purchased by the present proprietor in the fall of 1882, there being at that time but five acres planted to hops. The planting has been increased by the proprietor to 45 acres. The farm is situated on the south side of the Puyallup River, and 2½ miles east from Puyallup. The land is a level piece of rich bottom land, bounded on one side by the river. The crop on this place is estimated at 80,000 lbs., and the property is valued at \$250 per acre planted to hops, the remainder being estimated to be worth \$100 per acre. The drying house is a two story structure, 30x112 feet, and is situated at the foot of a bank, so that the receiving platform of the upper story is on a level with the bed of a wagon. This platform is 14x36 feet, laid with matched flooring. Over this platform the hops are taken into an apartment, 16x24, on either side of which there are four kilns, 24 feet square, where the hops are dried. When the hops are sufficiently dried they are taken to a store room on the same floor, 26x62 feet, and there allowed to cool; then passed through the press room on the lower floor, 16x34 feet; thence to the store room on the same floor, which is the same size as the one above. In the lower story there are also four furnaces, with brick flues 34 feet high. At a temperature of 130 degrees these kilns will dry 3,200 lbs. of hops in twenty-four hours. This building was erected in 1883-4 at a cost of \$4,000. There are used on the farm 125 boxes for picking, which hold about 100 lbs. undried hops each.

R. S. More is an old settler of Washington Territory, having come here in 1853. He commenced to raise hops on his present farm in 1872, and has now seven acres of bearing vines. This place is two miles east from Puyallup. His crop is estimated at 1,800 lbs. to the acre.

R. Nix, a '51 settler of the valley, commenced the growing of hops in 1870, when he planted one acre. He has now 16 acres, the average yield of which will be 2,000 lbs. He has two drying houses, with a capacity conjointly of 1,200 lbs. for twenty-four hours. He is located 1½ miles east of Puyallup.

One and one-half miles west from Puyallup is the hop ranch of A. J. Miller, who commenced the business in 1873, and has now 15 acres in plant. He estimates his yield per acre at 1,700 lbs. His drying house has a capacity of 2,400 lbs. dried hops for twenty-four hours, and is 40x92 feet, in which are three kilns, one 22x22 and two 18x18.

One mile and a half west from Puyallup, and 7½ miles from Tacoma, is the hop farm of W. J. Bowman, and it is one of the most important in the valley. He commenced planting in 1874, and, like all others in this district, he has never failed to raise a good crop. This