

is none too long for this type of leaf. Further, two acres seemed to be sufficient to handle in one kiln during one season, if the best product was looked for.

Cultural methods. Practically the same methods were followed as in former years. The crop was "primed," that is the lower leaves were removed and the plants topped before the flowers opened. This year's topping was made at 10 to 14 leaves. The higher topping was tried with the idea of having a larger number of smaller leaves, which generally have a brighter colour when cured. One of the difficulties experienced with the Warne has been the fact that the leaf grows too large. The higher topping while giving a slightly larger yield, also gave a brighter coloured leaf.

A portion of the crop was harvested according to the Virginia method of splitting the stalk, inverting the plant, placing it over the lath, and hauling directly to the curing barn. However, the bulk of the crop was cut with the sickle, allowed to wilt, piled into ordinary sized piles, and then strung on the lath in the usual manner. This latter method was more expedient, and since the tobacco was left in the field two days before hauling, it wilted thoroughly and commenced to yellow up. It was thought that the crop was handled more expeditiously, very few leaves being broken off, and that the first changes in the curing process were hastened by handling it in the ordinary manner.

The Curing.

The first two kilns were filled September 2 and 4, and firing was begun immediately. The process lasted for $4\frac{1}{2}$ days. The following notes were taken during the process.

CURING THE SMALL KILN.

Setting and fixing the colour:

80° to 90° F. from 9 a.m. Tuesday till 6 p.m.

105° to 115° F. from 6 p.m. Tuesday till 10 p.m. Wednesday.

115° to 120° F. from 10 p.m. Wednesday till 6 a.m. Thursday.

Drying the leaf:

120° to 140° Fah. 6 a.m. Thursday till 9 a.m.

140° to 155° Fah. 9 a.m. Thursday till 9 p.m.

NOTE.—Ventilators open all day Thursday.

Drying the stem:

155° to 170° Fah. 9 a.m. Thursday till 6 a.m. Friday.

Drying the stalk:

170° to 200° Fah. 6 a.m. Friday till 8 p.m.

NOTES ON LARGE KILN.

Yellowing the leaf:

80° to 95° F. 1 p.m. Tuesday till 6 a.m. Thursday.

95° to 110° F. 6 a.m. Thursday till 3 p.m. Thursday.