

VARETIES OF FLUE-CURED TOBACCO.

The many varieties grown and tested may be divided into two general classes, based on the shape and size of leaf, namely, the broad-leaf types and the narrow-leaf types.

As a rule the broad-leaf types were somewhat later in maturing, darker in colour when cured, and coarser than the narrow-leaf types; and when both types were planted at the same distance the broad-leaf types were the heaviest yielders.

The broad-leaf types grown included Long Leaf Gooch, Conqueror, Adeock, White Stem Orinoco, Virginia Gold Leaf, Warne, Hester, Hickory Pryor, and Critcher. Of these Long Leaf Gooch, Conqueror, Adeock, White Stem Orinoco, Virginia Gold Leaf and Hester grew very rank and coarse; and while they were heavy yielders they were too heavy in body to cure satisfactorily. However, on a very light soil these varieties, especially Hester, Adeock and Virginia Gold Leaf would probably yield better than some of the varieties now being grown and also give a product of good quality.

The Warne is about the most satisfactory variety for the general run of soils, giving a very smooth leaf of good body and a good yield; however, it has a tendency to cure up with a dull face and on heavy soils it grows rather rank.

The Hickory Pryor and Critcher are quite similar in their characteristics; both will give a cured leaf of a bright, flashy face and are fair yielders, though not so good yielders as the Warne. Of the two the Hickory Pryor is the better yielder and has the smoother leaf, and on the heavier soils gives the most satisfactory results of any of the broad-leaf types.

The narrow-leaf types grown included Flanagan and Gopher Skin. The Flanagan has a fairly smooth, medium-sized leaf of good body and cures up with a bright, flashy face. It is a fair yielder and the results of the experiment indicate that, on the heavier types of soil, if it is planted a little more closely than is customary in planting the broad-leaf types, it will yield just as well as the latter and give a brighter coloured leaf of good body.

The Gopher Skin has a smaller and a little rougher type of leaf than the Flanagan. It cures up bright and is a fair yielder but the leaf is not of quite as good a quality as that of the Flanagan.