

recent origin to recommend at present for any particular area. Some early trends in grower preference, however, can be noted. In new plantings, growers in the early ripening areas seem to prefer the darker solid-striped types. In the later ripening districts much interest is shown in the solid red blushed types such as Starkrimson, or Royal Red.

In all areas, growers should be cautioned with regard to the limited range of adaptation of many varieties. The performance of sports can well vary in characteristics from district to district. Growers would be wise not to assume that the color and quality of a variety in another district will be reproduced in their orchard. Selection of a sport for planting, therefore, should be done carefully and deliberately, and on the basis of as much information and first hand knowledge as is available. Particular stress should be placed in the preliminary performance of so-called "test trees" in the fruit grower's district or on his own farm.



### Grower Discusses Apple Stocks

I've gone over our Mallings block containing standard varieties on Mallings I, II, VII and XIII, and have made careful observations and notes; but the trees are only two to four years of age, and difficult to judge as yet. Our Mallings just need more testing for tree responses and yields in summer heat, winter cold and spring wetness.

I wish we could predict the answers, because I don't want to plant one more standard tree; but there are still too many unknowns in regard to dwarfs that only experience can clear up. At this point it could be disastrous to make large plantings of the wrong

type of dwarf tree in our area.—*Mark Beyers, Vincennes, Indiana.*



### Yellows in Strawberries

R. D. Reid, of the Scottish Horticultural Institute, has the following to say about the inheritance of susceptibility to June yellows in strawberry in *The Grower*:

"Our observations would suggest that a genetic factor for yellows may be present in most if not all strawberry varieties, and the risk of this factor developing into the active June yellows or streak form is neither certain nor predictable."

"Much capital has been made of the fact that in America the variety Howard 17 developed June yellows nearly 30 years ago, and that a number of varieties, including Blakemore, which have been bred from it, have also become affected. The facts are that Howard 17 has proved such an excellent breeding parent that the great majority of varieties grown commercially in America have been bred from it, so that while it is true that Howard 17 is parent of a number of varieties which have developed June yellows, it is equally true that it is the parent of a vastly greater number of varieties which have never shown any trace."

"Our own observations have tended to support the view that the inheritance of June yellows is dependent upon the state of development of the malady in the parent plant. A plant of Climax or any other variety in an advanced stage of June yellows will yield seedlings of which the majority will develop June yellows at an early stage, but we still have seedlings raised from Climax 11 years ago in which there is no suggestion of June yellows."