PAGE SIX

APPLES

(By Prof. W. S. Blair) it comes to the matter of har the apple crop, some orchardists very careless in this branch of ornt. It is really too bad good fruit has been produced, be as roughly handled as it a. True, there is but a short time ch to gather the crop; still, this to offer for the apples are handled.

icking. When picking, the apple ald be given a slight twist and an downward pull, disengagg it without pulling out the stem, or injury to the fruit spur. The he should be placed in the basket not dropped into it. The first sersolt the apple receives is given at this is due largely to the incompetent, time and in too many cases each or indifferent help which may happen ious jolt the apple receives is given at preventing bruises when picking. The apples which come in contact with in careless picking each apple generally has two or more bruises on it. I am sure has two or more bruises on it. I am sure cartainly take time to tell the manager if we could get away from the stupid what you think. He in turn will likely ours on the other hand should be tell you what he thinks of your fruit, and both will be helped because of this casts the mature fruit is what you the heart-to-heart talk. The fault is not and the product gathered at product gath

be making a great step in advance. Emptying Into Barrel. You, like myself, when wishing to locate pickers in an orchard, stop to determine where they are working. The bombardment of apples shot into the barrel tells at once, even if they are half a mile away Every fruit grower knows this is wrong You tolerate it, however, and you are losing money as a result. This dumping heavily is unnecessary, for with the swinging handle the basket can be placed within the barrel and with a slow care ul motion the apple will roll out without any appreciable damage or noise. Everything considered there does not appear to be any picking receptacle better than the wood splint basket lined with burlap. The picking bag and similar canvas containers, if not very carefully handled, offer much

greater posibility of brui ing the 'ruit. Ladders. More care is necessary in handling ladders when picking. Too often we have very little regard for fruit spurs and the number stripped off from this case is greater than is necessary After come pickers get through, the ground under the tree presents a sorry sight from fruit spurs removed when picking. The aptitude of some men for the work of picking from ladders and their skill in the proper handling of the ladder is well known, and such pickers should be paid a premium. There are some men who should never be allowed dle an orchard ladder. The work of picking can usually be divided so that the man with the least capacity for

ladder work may pick from the ground or from a stepladder. The stepladde can be employed more than it is and thus eliminate some of the present The lower part of the tree should loss. be thoroughly cleaned up before the picking from above is undertaken.

Removal From the Orchard. It is not always convenient to do so, but the fruit should be removed from the orchard soon after it is picked, to as cool a situation as possible. I think that if we had more open sheds with a free circulation of air except from the south, in which to place our fruit, as soon as it is picked, we would have much better results than we now do, The head should not be put in until the fruit is thoroughly cooled. There is a great loss from the manner of or chard heading practiced by some growers When heading for transportation to the warehouse the barrel should be racked thoroughly on a stout plank with padded header, and be filled level with the stave end before placing the head, and pressing in with a regular apple heading press. This will give a tight barrel when landed at the warehouse and overcom the loss resulting from the jolting of the fruit in barrels when going over rough roads. It would be very much better if at all possible to transport apples on a spring wagon, thus eliminating the necessity, when orchard heading, for such a firm pack. The pressing does result in some bruising but not comparable with that of the loose packed on many of our rough roads. When delivering to the warehouse without heading a soring waggon thus is best by all odds. You have noticed fruit delivered in a rick as compared with that on a waggon in out springs, the difference is very grat, and all in favor of better trans

OOTHACHE

Place a piece of cotton wool saturated with Minard's in the

cavity. Acts as a counte

irritant and gives quick relie

ORE CAREFUL HANDLING OF portation methods from farm to ware ouse. The distance of haul, condition of roads (sandy roads are very favorable) are matters that will determine the methods likely to give best results There should be more care in handlin the barrels not to give the severe jan in evidence. They should be so often landed easily and not roughly. These may seem to be small matters but they are important, nevertheless. s still, this year many or not, the feeling prevails among many growers that there is little use in handl-

ing the fruit carefully, because of the treatment it receives later in the packing house. This in many cases is only an excuse. On the other hand, one need not spend very much time in a packing house to learn that there is not the care exercised there that one would expect.

to our fruit business.

ripening, go on more or less rapidly, with fruit picked at maturity,

Decay in fruit may be due to a fungous or bacterial organism in the tissue of the fruit, or it may be physiological to the skin of the immature fruit being due to the life activities of the fruit having ceased. All fruit not destroyed breaks down quickly in storage have therefore two conditions to con- decay results, or that a point of en storage at 32 degrees, Fahrenheit), and, gives the fruit a scalded appear storage at 32 degrees, rannennert), and, gives the fruit a scattest appearance second maturity of the fruit as related to its possible duration of life after be-ing harvested. It is this latter phase of enormous while with more mature as fruit handling that I wish particularly better coloured fruit the frequen to direct your attention.

You know quite well that o ture fruit will not keep as well ture fruit. Fruit left on the tree to attain maximum colour is often mature and under these condition more care is necessary to put such on the market. without loss, th necessary if the fruit is just at proper maturity. We can, therefore, for a consideration of this problem, make three harvesting classes: first, second, mature, and third, fruit. It is possible to have fr these classes on the one tree at the time. This is particularly notice in the early ripening varieties, fruit may be found in all stag overmaturity to immaturity, and it is consequently exceedingly difficult to de termine the most suitable sin to harvest the entire crop so that the

greatest uniformity in maturity may be obtained. where and in two many cases each of indicate the pownich may happen obtained. My reason for bringing this matter bouse manager, like the orchardist, is the consumer it is sick from the treat-ment. I do not see that the lining of the fruit basket helps very materially the fruit b ers who apparently do not notice the indifferent manner with which the work much of the sad appearance of our the lining certainly are protected, but the majority of the apples picked, fall upon one another in the basket, so that is pretty well up to the growers. It is pretty well up to the grower to see for us to pick our fruit at proper maturity an careless picking each apple generally to it, that this is remedied. You can Avoiding overmaturity at harvest is the cartainly take time to tall the manager great concern of the Western fruit men heart-to-heart talk. The fault is not all in one place and if everyone makes up his mind to handle fruit a little more in better condition than the im carefully than now, I am convinced a or overmature fruit. In the case of the mighty change for the better will come overmature fruit as already indicated. the life processes are shortened even

Maturity of Fruit. When an apple if no fungi are present, and physiolo is removed from a tree, growth ceases, gical or old age decay, even in good but the life processes, which result in storage is bound to come sooner than In the depending upon the temperature at case of immature fruit "scald" which the fruit is carried. The mini- starts in storage and increases rapidly um ripening is possible at a tempera- after the fruit is removed from storage ture uniformity low consistent with safety from freezing. The earlier the for the most serious loss; while in fruit is placed where a low temperature obtains the less the possibility of "scald" general use may be materially lesser earlier stages the value of the fruit for obtains the less the possibility of "scald" general use may be materially lessened, and the longer will be the life of the yet because of the dull, unattractive and decidedly unpleasing appearance of fruit the loss is bound to be great

undeveloped and weak, and therefor by fungi or bacteria, eventually decay is not, apparently, associated with any physiologically, when it has passed through certain natural changes. You skin of the fruit so that physiological sider; first, conditions best calculated is possible for decay fungi. Scald is to retard the ripening processes after browning or blackening of the skii the fruit is gathered (the ideal cold that does not extend into the flesh, bu the trouble decreases, until with pro-

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The colour of the seed gives (Continued on Page 7.)



THE ACADIAN

nature fruit the scald is very light, and to high temperature before storage. confined to those fruits which have grown Scald is apparently greater in air-cooled keting.

confined to those fruits which have grown n the shade on the tree. The only re-medy apparently is to allow the fruit to mature properly before picking. The red part of an apple is apparently im-mune from scald. It appears also, from what information is available, that apples placed at once in good cellar storage at a low temperature are much less liable to scald than fruit subjected esting for an arous in the best conditions. You know it is not when the apple is in the best condition for the apple is an proper maturity? less liable to scald than fruit subj ected leating, for an apple in good eating con-

dition is overmature for general mar-

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