

NEW FRUITS AT OTTAWA.

APPLES.

A paper on NEW FRUITS was read by Prof. John Craig, Central Experimental Farm, Ottawa:

McMAHAN WHITE: From A. L. Hatch, Ithaca, Wis. This variety has already been noted in the report of the Central Experimental Farm and I would again draw attention to some of its merits as an apple of value for regions where Northern Spy, Ribston, and Greening cannot be grown profitably on account of their inability to withstand the winter cold. It has proved, so far, a remarkably vigorous and healthy grower, free from any of the defects characteristic of varieties unadapted to this climate. It has borne moderate crops for the past two years. The fruit is large, smooth and attractive. Quality medium, season October to January.

SCOTT'S WINTER: From Dr. T. H. Hoskins, Newport, Vermont, U. S. This is an apple belonging to essentially the same class as the last in regard to the locality in which it should be cultivated.

The fruit is medium to small, handsomely colored; quality only medium, its acidity being very pronounced. As a keeping variety it excels. Season, February to May for culinary purposes.

McINTOSH RED: I mention this to emphasize some of its strong as well as weak points. Tree fairly hardy; quality first-class, appearance handsome, season that of the Fameuse or a trifle later, but like the Fameuse it falls an easy prey to the apple spot fungus (*Fusicladium*) and no grower should plant it without first making up his mind to deal vigorously with the enemy.

HAAS OR FALL QUEEN: So mentioned not for its value as a fruit, which is very slight—but for the use that can be made of it as a top working stock. For this purpose it possesses many desirable qualifications, and I believe it safe to say that Ribstons, Blenheims and Kings could be profitably grown on this with possibly increased fruitfulness in districts where they cannot be grown upon their own stocks.

WINTER DUCHESS: Has proved to be a handsome fall apple of fair quality, but will hardly compete with Wealthy, which comes in at the same season.

SALOME: Is a much advertised variety from Illinois. The tree is a round-topped, fairly vigorous grower, hardy at Ottawa. Fruit medium to large, round, green with rarely a blush. Mild sub-acid in flavor. An apple without striking characteristics, but evidently a keeper.

GIDEON: From Peter M. Gideon, Excelsior, Minn., U. S. Of the same parentage as Wealthy, but more vigorous in growth with larger leaves. The fruit is of the size of Wealthy, but much less highly colored. It holds to the tree better and may be considered nearly equal in quality. Where McMahan is grown this variety need not be included.

To attempt a descriptive list of all the Russian varieties which have fruited during the year would make an exceedingly lengthy catalogue, and with our present knowledge could not be of much value. A large percentage of the varieties in the test orchard have been seriously injured by blight during the past two years. Among the members of the Hiberna family, *Cross* from Voronesh, Russia, and *Romna* are handsome fall apples. The fruit is large, coarse in quality, but valuable for cooking. They bear heavily and annually.

LONGFIELD: Is making itself appreciated wherever planted on account of its early and remarkably heavy bearing habits. *English Pippin* is of the type and often confounded with this variety. Longfield is undoubtedly one of the best in quality of all the Russians. The fruit is medium or below in size, round, smooth and regular, yellow with a bright blush on one side. The flesh is white, crisp, sub-acid and good. Under favorable circumstances, as grown in the Province of Quebec, it keeps till March. As a home-

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