



## The Canadian Horticulturist

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## NOTES AND COMMENTS.

THE YORK IMPERIAL is highly commended by H. E. Van Deman as a commercial apple. He advises Ben Davis as most profitable for Colorado, and York Imperial as second.

A GLORIA MUNDI APPLE was recently shown at the Indiana State Fair in 1899, weighing  $23\frac{1}{4}$  ounces, and measuring 16 inches in circumference. This is claimed to be the largest apple in the world.

GOOSEBERRY MILDEW is very resistant to fungicides, and so far satisfactory results from treatment have not been obtained. Close, of Geneva, has been trying Bordeaux, lysol, formalin and potassium sulphide, and in each case the latter substance has given the best results. The Bordeaux mixture seemed comparatively valueless, though very early applications gave some favorable results.

CRUDE PETROLEUM has been tried with considerable success in the state of Pennsylvania as a remedy for the San Jose Scale. If this substance is effective, it is much cheaper than whale oil soap, and might perhaps be purchased in large lots for fruit growers' use in spraying their orchards, at wholesale rates. At the Petrolia mills crude oil has been quoted as low as \$1.65 per barrel.

John B. Smith, of the New Jersey experiment station, has also given two season's trial to this substance and gives the result in Bulletin 138. He says that a thorough application of this crude petroleum to dormant trees completely destroys the Scale without perceptible injury to the trees themselves. He has tried it on all varieties of orchard fruits except cherries, and upon some bush fruits, such as currants, gooseberry and raspberry bushes, with good results in killing the Scale, while the greasy brown coating of the bark which results and