

IMPROVING FRUIT.

Improving fruit has been a theme for centuries. The theory of Dr. Van Mons, of Belgium, is the reproduction of seedlings from seedlings in succession, selecting each time those which prove best in the fruit. We have learned from experience that seedlings always have a tendency to improve, but they also have another tendency to return to the original, or wild, state. At the eighth generation in growing from the pear, Professor Von Mons' seedlings produced fruit at four years old, while at the commencement it required twelve to fifteen years. Therefore, he regarded this method as the correct one to pursue in the amelioration of varieties. He was the originator of the Frederick of Wartemburg, a pear that produces its fruit often in the nursery at two years from the bud, while it required twelve to fifteen years for the Dix.

Thomas Andrew Knight, a distinguished horticulturist of England, advocated the theory of fertilization or hybridizing, for the improving of new varieties of fruit. This may seem adverse to the former theory, but it does not differ materially as the blossoms have to be fertilized, either by nature or bees or by artificial means—hybridizing. Prof. Lindley says: "If the pistils of one species be fertilized by the pollen of another species, which may take place in the same genus, or if two distinct varieties of the same species be in like manner intermixed, the seed which results from the operation will be intermediate between its parents, partaking of the qualities of both."

The selecting of seed has undoubtedly proven the better in producing larger fruit and bringing it into bearing sooner, but cross-breeding gives one the privilege of producing fruit to his own ideal, which was practised by Professor Knight to quite a degree of success.—S. C. Vaughan in *Farm and Fireside*.

HOW TO MAKE HOME HAPPY.

Home is what we make it in many cases. Many of us make our homes unpleasant by our own unpleasantness, when we can just as well have it filled with the sunshine of happiness and joy. Too many of us are apt to take to the pleasures of staying down town and hanging around our street corners when we might be at the fireside. In many cases it would be just as pleasant. Man is a social creature, but of times shows poor taste in his associations. The home is better than the street corner. The fireside better than counter loafing. Sometimes business men make the mistake that it is of this class of men that he gets his support. But if he will study the question closely he will find that it is the man who comes, gets what he wants and leaves, who contributes to his earnings. The hangers on around our groceries very seldom give it much of their wealth, if they have any, and a still smaller percentage of the business is derived from such sources. Yet, perhaps, there is an empty place at the fireside of the same party who is consuming so much of the business man's time

as well as his own with no benefit to either. This is especially true of all country towns, and is a habit that will continue from time to eternity, but nevertheless, not a good one. Just don't get in the habit of it. You will feel better for not doing so. These truths are very adaptable to the young men who are growing up and hope to be as we expect of them the foundation of a better and wiser generation. Instead of standing on the corner such people might be more profitably employed at their homes reading something that would increase their fund of knowledge. These thoughts are worth jotting down and trying. You can lose nothing by so doing and perhaps may profit by them.—*Gleaner*.

INCREASING BUTTER FAT.

I have not found any food which materially increases the percentage of butter fat in the milk of a given cow. The only way to reach this result is to feed so as to secure more milk and consequently a larger aggregate of butter fat. Tests show that while it is not practical to feed fat into the milk, the percentage of fat is increased as the yield falls off. It pays to feed a little bran or grain feed even in summer, when cows are on good pasture. They hold out longer and the milk flow responds less readily to changes of condition in pasture. In my own personal experience this course has resulted in my cows making an average of fifty pounds more than when the practice was not followed. The cost per head for the extra feed thus expended was \$5 and the increase in butter sold was \$13.50.—C. P. Goodrich, Wisconsin University.

A VILLAGE UNDER ONE ROOF.

Most of the large towns in France contain workmen's model dwellings, or tenement houses, which have been dignified with the picturesque appellation of barracks, but none of these have attained to the colossal proportions of the "Freihaus," situated at Weilden, a suburb of Vienna. This building has thirteen court yards, and accommodates 2,112 persons belonging to all classes of society. One postman is specially appointed to deliver letters to the inmates, whose correspondents have to be careful to put on the cover not merely the Christian name and surname of the addressee but the number of the yard, the staircase and the flat, if they want the letter to reach its destination.

A GREAT REDWOOD SLAB.

In New Whatcom, a seaport town and the county seat of Whatcom county, the northwest county in Washington, and in the United States, is erected on the outer edge of a sidewalk on one of the principal street corners, an immense slab or section of one of Washington's biggest red fir trees. The slab, being cut directly across the diameter of the tree, like a butcher's cutting block, is set on edge, the greatest diameter extending upwards, the bark being on its entire circumference.

A stranger naturally feels inclined to walk up the slab and

measure it by its height, and is surprised to find that it would take another man standing on his head to extend to the top of it. Then he steps back a pace and reads the following inscription, neatly printed on a board attached to the face of the slab:

"Tree from Loop's Ranch Forks, Whatcom county, Wash. The tree was 465 feet high, 220 feet to first limb, and 33 feet 11 inches in circumference at the base. If sawed into lumber it would make 96,345 feet. It would build eight cottages two stories high, of seven rooms each. The tree is about 40 years old, according to the rings. If sawed into inch-square strips it would fill ten ordinary cars, and the strips would reach from Whatcom to China."

The section shows the tree sound to the core.—*Mining and Scientific Press*.

PROFESSIONAL CARDS.

Frederic Clift, LL. D. John Ward Christian.

CHRISTIAN AND CLIFT,
Attorneys-at-Law,
ST. GEORGE AND BEAVER, UTAH.

J. R. MICHELS,

North St., Saint George Utah;
DEALER IN
Patent Medicines, Cigars, Stationery, Perfumery,
Candles, Soaps, Brushes, Violin and Guitar
Strings, &c., Cheaper than the cheapest.

David H. Morris,
COUNTY PROSECUTING ATTORNEY
St. George, Utah.

WILLIAM F. KNOX,
Attorney-at-Law,
BEAVER, UTAH.

Will practice in all the courts of the State.
35-6m



COMPOUND BONEYET PILLS
a great remedy for headache, indigestion and LIVER COMPLAINTS.
Sugar coated. 25cts. All stores.

JOSEPH ORTON,
Boot & Shoe Maker,
2 DOORS EAST OF POST OFFICE,
ST. GEORGE, UTAH.

By close attention to business and fair dealing I hope to retain the patronage of the public.
Repairing neatly done.

WANTED

Good, reliable, energetic men to solicit orders for **Nursery Stock**. We pay a liberal commission. Cash advanced for expenses. Write to-day for full particulars.

Oregon Wholesale Nursery Co.,
Salem, Oregon.

Pymm House

St. George, Utah.
Meals Reasonable,
Good stabling.
JNO PYMM, PROP.
ALSO DEALER IN
JEWELRY, STATIONERY,
CIGARS, GROCERIES, ETC.

E. T. RIDING,
CUSTOM MADE BOOTS & SHOES. REPAIRING NEATLY DONE. PRICES LOW.
St. George, Utah.

Dry Goods, Groceries, Shoes, and Millinery.

New and Large
stock, selling at
lowest prices, at
the store of

Mrs. A. E. Price,
Cor. of Washington and Diagonal Sts.
St. George, Utah.

WASHINGTON MILL COMPANY,

MANUFACTURERS OF
Flour, Bran, Germade, Corn
meal, Cracked wheat, for
Table use, at lowest
cash price.

MEAT MARKET, CROSBY & McARTHUR,

PROPRIETORS,
St. George, Utah.
Meat on hand at lowest market prices.
Located at Canaan market.

JOHN EARDLEY,

MANUFACTURER OF
Earthenware, Jars, Bowls, Milk Pans,
Tea Pots, &c.

The above class of work is warranted to
be the best in the Territory, and
Prices are low for Cash.
Located on 2nd North St., east of
St. George, Utah.

HENRY H. RIDING,

One door east of P. O., St. George, Utah,
MANUFACTURER & DEALER IN
Furniture, Doors, Sash, Cupboards,
Bureaus, Tables, Stands, &c.
Furniture neatly repaired on short
notice. Prices low.

PROVO FOUNDRY & MACHINE WORKS.

MANUFACTURERS OF
Engines and Boilers, Iron and
Brass Castings.
Machinery of all kinds made or repaired. We are also expert Bicycle Repairers. All work guaranteed to give satisfaction.
PIERPONT & HEATON, Prop'rs.,
Provo, Utah.

JOHN H. PEARCE,

—THE—
ENTERPRISING
BUTCHER.
Next Door to Co-op., St. George
—Will keep—

BEEF & PORK.
—ON HAND—
Call and see us.