

AGRICULTURAL.

BEE-CULTURE AND WOMAN'S WORK.—Adam Grim, of Jefferson, Wis., who is a most successful apiarist, commenced the season last spring with two hundred and eighty-five swarms of bees, and increased the number by swarming to six hundred and forty-six. These swarms produced within a fraction of twenty-one thousand pounds of honey, which sold, strained, for four thousand one hundred dollars. The Jefferson County Union says:

"We often hear women say that there is no remunerative employment for them. As an answer to this we would state that Mr. Grim has two daughters, who have each taken separate charge of an important part of the apiary. Miss Kate Grim has by her skill and attention the past summer, earned one thousand two hundred dollars net, and Miss Margaret Grim has earned one thousand four hundred dollars net."

EXPERIMENTS IN FERTILITY OF SOILS.—Mr. Lawes, of England, made experiments with soil owned in one family a thousand years. He sowed a piece continuously to wheat for twenty-seven years, with an average crop of fifteen and five-eighths bushels per acre. A piece in barley nineteen years gave twenty bushels per acre, and a piece in grass gave two thousand and six hundred pounds a year. This yield represented the condition of the soil, with the ordinary cultivation and rotation as practised; but, similar land of the same farm, to which fourteen tons of manure were applied, produced thirty six bushels of wheat and thirty-six bushels of barley; and with two hundred pounds of phosphate, it produced forty-eight bushels of barley. This again shows the value of land in England, and the increased fertility of it through the application of manure, and any farmer knowing the cost of manure in his locality, may easily estimate whether it will pay him to use it or not; bearing in mind always that it is much cheaper and easier to keep up the fertility of the soil, than to bring it back, when once it is impoverished.

IRRIGATION.—There has a very mistaken impression gone abroad in reference to irrigation in our State—the idea being prevalent that in order to secure crops of grain or fruit we must irrigate our fields. This is not true in any respect as to the greater and better portion of our State. Our grain crops—wheat, barley, oats and corn—grow entirely from the winter's rains and require no irrigation; the same is true of potatoes and vegetables generally. Our fruit-growers generally are beginning to learn that water injures their trees and the quality of the fruit. After the first year the vine needs no irrigation and the best wine is produced on barren hillsides without water. Oranges and lemons are supposed to require water, and it is general in the southern counties to give abundant water to the orange and lemon grove; but we have no doubt that time will demonstrate the fact that those trees will flourish without artificial irrigation and produce fruit of superior flavor.—*San Francisco Chronicle.*

NUTRITIVE VALUE OF MILK.—A chemist of Providence, R. I., states that milk is more nutritious than meat. The nutritive value of milk, as compared with other kinds of animal food, is not generally appreciated. There is less difference between the economical value of milk and beefsteak (or eggs or fish) than is commonly supposed. The quantity of water in a good quality of milk is eighty-six per cent., in round steak seventy-five per cent., in fatter beef sixty per cent., in eggs about sixty-eight per cent. From several analyses made last winter, I estimated sirloin steak (reckoning loss from bone), at thirty-five cents a pound, as dear as milk at twenty-four cents a quart; round steak, at twenty cents a pound, as milk at fourteen cents a quart; eggs at thirty cents a dozen, as dear as milk at twenty cents a quart. Many laborers, who pay seventeen cents for corned beef, would consider themselves hardly able to pay ten cents for milk, when, in fact, they could as well afford to pay fifteen.

Milk is a most wholesome and economical food for either the rich or poor. It ought to be more largely used. If the money expended for veal and pork were expended for milk, I doubt not it would be an advantage both to the stomach and pocket, especially during the warm season. Relatively speaking, then, milk at ten cents or even twelve cents a quart, is the cheapest animal food that can be used. Whether farmers can afford to produce it cheaper is a matter for them to decide.

It is very probable that were they to ask twelve cents, a very large number of poor people would refrain from its use from mistaken notions of economy, notwithstanding they are excessive meat eaters.

Art Critic (who having "liquored up" considerably, fails to observe that as yet he is only in a lobby of the saleroom, and is standing before a mirror, which, purchased at a previous sale, still retains its ticket)—"Ah! portrait 'f gen'l'man, I sh'pose—(hic writes) drawing exsh'er'ble—great want 'taste in the choice of subject!—fit only for place in the taproom of 'public 'ouse."

PROVO CO-OP. POTTERY.

ALL KINDS RED WARE at Greatly Reduced Prices. Large discount to Merchants and Peddlers. For further particulars inquire of **WM. D. ROBERTS** or **J. BUCKNER**, Provo City.

NOTICE.

TO WHOM IT MAY CONCERN. That esq entry for the Townsite of Bear River City, Box Elder County, Utah Territory, made July 12 1872 embracing the following described lands to wit: S E 1/4 and E 1/4 of N E 1/4 of Section 12 Township 1 North Range 3 West also lots 3 and 8 Section 7 Township 10 North Range 2 West, containing 330 1/2 acres, has been made in trust for the inhabitants thereof, and is now ready to be disposed of in lots to any person or persons entitled thereto.

All persons claiming to be owners or possessors of any portion of said entry, will take due notice and make the application as provided in the statutes of Utah.

SAMUEL SMITH, Probate Judge, Box Elder Co. Brigham City, July 12, 1872. w25 3m



Are endorsed and prescribed by more leading Physicians than any other tonic or stimulant now in use. They are a SURE PREVENTIVE for Fever and Ague, Intermittents, Biliousness, and all disorders arising from miasmatic causes. They are highly recommended as an anti-dyspeptic, and in cases of indigestion are invaluable as an Appetizer and Recuperant, and in cases of General Debility they have never in a single instance failed in producing the most happy results. They are particularly BENEFICIAL TO FEMALES, strengthening the body, invigorating the mind and giving tone and elasticity to the whole system. The HOME BITTERS are compounded with the greatest care, and no Tonic Stimulant has ever been offered to the public SO PLEASANT TO THE TASTE, and at the same time combining so many remedial agents, endorsed by the medical fraternity as the best known to the Pharmacopoeia. It costs little to give them a fair trial, and

Every Family should have a Bottle.

We ask every one to read the following Certificates from many of the most eminent physicians in the country. ST. LOUIS, July, 1870.—**JAMES A. JACKSON & CO.**, Gentlemen—As you have communicated to the medical profession the recipe of the "Home Bitters," it can not therefore be considered as a secret or patent medicine, no patent having been taken for it. We have examined the formula for making the "Home Bitters," and unhesitatingly say the combination is one of rare excellence, all the articles used in its composition are the best of the class to which they belong, being highly Tonic, Stimulant, Stomachic, Carminative and slightly Laxative. The mode of preparing them is strictly in accordance with the rules of pharmacy. Having used them, seen its effect in our private practice, we take pleasure in recommending them to all persons desirous of taking Bitters, as being the best Tonic and Stimulant now offered to the public.

L. CH. BOISLINIERE, M. D., **F. G. PORTER, M. D.**
ALFRED HEACOCK, M. D., **C. GERICK, M. D.**
DR. McDOWELL, M. D., **C. A. WANE, M. D.**
J. C. WHITEHILL, M. D., **E. A. CLARK, M. D.**
C. Y. F. LUDWIG, **S. G. MOSES, M. D.**
W. A. WILCOX, M. D., **HUBERT PRINCE**
U. S. MARINE HOSPITAL, ST. LOUIS, Mo., Oct. 8, 1870.—**JAS. A. JACKSON & Co.**: I have examined the formula for making the "Home Stomach Bitters," and used them in the Hospital for the last four months. I consider them the most valuable tonic and stimulant now in use. **L. MELCHER**, St. Louis, July 6, 1870.—**JAS. A. JACKSON & Co.**: Having examined the formula from which your celebrated "Stomach Bitters" are prepared, and having witnessed the method of combining the different ingredients, we can safely recommend them as the best tonic with which we are acquainted. From the great care with which they are compounded, and from the choice materials which enter into them, we have no doubt that they will prove, as they deserve to be, the most popular tonic and stimulant in use. Respectfully yours, **T. J. VASTINE, M. D.**, **T. G. COMSTOCK, M. D.**

We cheerfully concur with every word contained in the above testimonial. **JOHN CONZELMAN, M. D.**, **JOHN HARTMAN, M. D.**
CHAS. VASTINE, M. D., **JOHN T. TEMPLE, M. D.**
G. S. WALKER, M. D., **E. C. FRANKLIN, M. D.**
CINCINNATI, Oct. 19th, 1870.—Messrs. **W. B. KENNEDY & Co.**, Agents "Home Bitters": Gents—Agreeable to your request, I have examined the formula of the "Home Stomach Bitters," and find the remedies it contains such as are in general use by the Medical profession. They are very scientifically and pleasantly combined, and as stimulating tonics will be found especially adapted as corroborants to the treatment of low or debilitated stages of the system, whether arising from impaired digestion, or from malarious diseases.

Dr. J. L. VATTIERS, **L. A. JAMES, M. D.**
R. S. WAYNE, Chemist, **C. T. SIMPSON, M. D.**
W. T. TALLAFERRO, M. D., **S. P. BONNER, M. D.**
J. J. QUINN, M. D., **C. S. MUSCHOFF, M. D.**
J. H. BUCKLEY, M. D., **G. W. BIGLER, M. D.**
W. E. WOODWARD, M. D., **G. A. DOHERTY, M. D.**
CHICAGO, Sept. 30, 1870.—**J. L. SMITH, Esq.**: We have examined the formula of the "Celebrated Stomach Bitters," and find it to be composed of articles that are considered the best tonics used by the Medical profession, and one of the best bitters we know of in use. Very respectfully, **H. S. HAHN, M. D.**, **B. MCVICAR, M. D.**
J. B. WALKER, M. D., **G. A. MARINER**
NORMAN S. BARNES, M. D.

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