

SMALL FRUITS.

The Market Fruit Garden.

We read this article the market fruit garden, because we wish to distinguish it on the one hand from the market vegetable garden, and on the other from the market fruit orchard...

The steadily increasing our population, and especially our city-dwelling population, the growth of fruit eating habits in the community and the multiplication of fruit-canning and fruit-drying establishments warrant the prediction that the demand for fruit will increase rather than diminish.

To become a successful small fruit grower, a man must be specially qualified for the business, must be suitably located, and must make it his sole pursuit.

1. An analytical mind, capable of examining minute details, and carrying them into operation. Some men will make comprehensive plans, but lack that patient attention to details necessary to carry them out.

2. But then, his location should be favorable. He should be located near a large city, or near a depot where he can ship to a large city.

3. Too many have tried making the small fruit business an adjunct of farming. They do not go well together.

Again, we believe that fruit gardening pays better than fruit farming. For an inexperienced man, five acres are enough to commence with.

THE KITTANNY BLACKBERRY.—A fruit-gardener in Illinois says: "Were I going to set out blackberries, I should prefer the Kittanny to any variety I have yet seen."

STRAWBERRY CULTURE.—A strawberry-grower states that to two barrels of rain-water he put one-quarter of a pound of common ammonia and one-quarter of a pound of common niter.

It is almost useless—time thrown away, to set cuttings late, and from late spring cuttings. Last spring we had a quantity of grape cuttings brought to us late by a friend, and we did not succeed in growing ones in ten—not enough to pay for our labor—let alone what we allowed him for the cuttings.

THE DAIRY.

Corn Fodder for Milk Cows.

Nearly every farmer and dairyman knows that the fodder from corn is one of the most valuable means for wintering cows.

When feed corn is cut for fodder and also for grain, it should be done just after the corn is fairly glazed, if silage corn, and just about the time the dent is forming, if of the ordinary western varieties.

Many dairymen who sow or drill corn exclusively for fodder make the mistake of cutting

It too young. It should never be cut over for silage until the ear has formed, or about the inflorescence is over.

Curing Cheese.

The dairyman who gives his cheeses no further attention, after they come from the press, than to rub and turn them once a day, will be very likely to market a poor article.

The best made cheeses will sometimes in popular weather, remain damp for several days after coming from the press, and under ordinary care this will cause an unfavorable appearance by mold, and not only that, but makes them objectionable.

BRINE FOR PRESERVING BUTTER.—To three gallons of brine strong enough to bear an egg, add a quarter of a pound of nice white sugar and one tablespoonful of saltpeter.

THE SWINE YARD.

Sugar-Curing Hams.

The New York Tribune thus summarizes the mode of converting hams into "sugar-cured" in Chicago:—About a million sugar cured hams are put up in one western city alone.

When the hams are removed from the pickle they are immersed for a short time in clear water, and hung up in the smoking house for drying, which is an important part in the process of preserving as well as flavoring.

Pens for Pigs.

Farmers in a great majority of cases have less pride in what they do for swine than any other labor upon the premises.

SALT FOR HOES.—An English agricultural paper, the Gardener's Chronicle, relates the death of one sow in pig, another with a litter, and of eleven small pigs, of what was called stricks on the brain.

DEWEY & CO., American & Foreign Patent Agents,

the best, speediest, and surest method for you to obtain patents, file caveats, or transact any other important business with the Patent Office at Washington, or with foreign countries, is through the agency of DEWEY & CO.

To Obtain a Patent, well-constructed model is generally first needed, if the invention can well be thus illustrated.

For Processes, frequently no model or drawings are necessary. In such case, the applicant has only to send us an exact description, and what is desirable to claim.

Roasting of Gold and Silver Ores, and the Extraction of their Respective Metals without Quick-silver, 1876.

Concentration of Ores (of all kinds), including the Oration Process for Gold-bearing Sulphurets, Arsenurets, and Gold and Silver Ores generally, with 120 Lithographic Diagrams, 1867.

Scientific and Practical Books on Mining, Metallurgy, Etc.

Published or issued, wholesale and Retail, by DEWEY & CO., MINING AND SCIENTIFIC PRESS OFFICE, 8, F.

BY GUIDO KUSTEL, Mining Engineer and Metallurgist.

Roasting of Gold and Silver Ores, and the Extraction of their Respective Metals without Quick-silver, 1876.

Concentration of Ores (of all kinds), including the Oration Process for Gold-bearing Sulphurets, Arsenurets, and Gold and Silver Ores generally, with 120 Lithographic Diagrams, 1867.

Nevada and California Processes of Silver and Gold Extraction, for general use, and especially for the Mining Public of California and Nevada, with full explanations and directions for all metallurgical operations connected with silver and gold from a preliminary examination of the ore to the final casting of the same.

BY OTHER AUTHORS. The Quartz Operator's Hand-Book; by P. M. Randall. 1871. Revised and Enlarged Edition. Cloth bound, 176 pages. Price, \$3.

Sulphurets: What They Are, How Concentrated, How Assayed, and How Worked; with a Chapter on the Blow-Pipe Assay of Minerals. By Wm. M. Bassow, M.D.; 1867; cloth bound, 116 pages. Printed and sold by Dewey & Co. Price, \$1; postage free.

IMPORTANT TO FARMERS! X Line to Liverpool. DIRECT. The A I Iron Ship

Is intended to sail with dispatch. To be followed by other vessels. Freight taken in lots to suit shippers. Apply to E. E. MORGAN'S SONS, 280 California Street, San Francisco.

HIGHEST HONORS AWARDED TO THE Weed Sewing Machine!

Grand Medal of Progress! Grand Medal of Merit!



TO CAP THE CLIMAX, Grand Medal of Honor

A. HEAD & CO., General Agents for the Pacific Coast. OFFICE, 103 NEW MONTGOMERY STREET.



Is the Lightest Running Machine in the World.

A Child Can Understand and Run It. It is the Best because it is the Simplest and Least Liable to Get Out of Order.

E. W. HAINES, Agent, 17 New Montgomery St., Grand Hotel Block, 11th St., San Francisco.

HOME SHUTTLE SEWING MACHINE. ESTABLISHED 1853.

Stock for Nurserymen and Florists.

Table with 2 columns: Plant Name and Price. Includes Cherry Seedlings, Apple Seedlings, Pear Seedlings, Walnut, Spanish Chestnut, Cork Elm, Blue Gum, Magnolia, Golden Arborvitae, Peach, Crab-apple, and Hawthorn.

FRUIT TREES! FRUIT TREES! AND WHERE TO PURCHASE THEM.

The Santa Clara Valley Agricultural Society has awarded: Largest collection of Peas, first premium... B. S. Fox.

TO FRUIT GROWERS AND DEALERS. The undersigned offer for sale a fine stock of one-year old and dormant budded Trees of the following new fruit:

ALMOND TREES. The subscriber has a large lot of young Almond Trees, one, two and three years old, in a thrifty condition.

Flax Seed and Castor Beans. PACIFIC OIL AND LEAD WORKS

FURNISH SEED, AND CONTRACT. For next year's crop of Flax Seed and Castor Beans, at rates that, with proper cultivation on suitable land, will make them among the most profitable crops grown.

FLAX SEED AND CASTOR BEANS. PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

SUPERIOR CHILE ALFALFA SEED, EX "ETA" FROM VALPARAISO.

For Sale by CROSS & CO., 316 California Street, San Francisco.

Alfalfa Seed. A large quantity of very choice Alfalfa Seed for sale by R. JONES, 61 West, north side, One door below Third, Sacramento.

C. CROGG. GREGO & BOWLEY, Importers and Manufacturers

CARRIAGES and WAGONS, No. 9 Merchants' Exchange.

CALIFORNIA STREET, SAN FRANCISCO.

Keep constantly on hand top and open Buggies, top and open Rockways, Jump-seat Buggies, Truck and Road Bunkies, Shotgun Wagons, Basket Phaetons of the very latest styles and finest workmanship.

The Best Plow in the World.

GARDEN CITY CLIPPER PLOW, Now being introduced on this coast by

LINFORTH, KELLOGG & CO., DEALERS IN

Hardware and Agricultural Implements,

NOS. 3 AND 5 FRONT STREET, NEAR MARKET, SAN FRANCISCO.

Call and see them. Send for a circular, oct-14

THE "VICTOR" PLOWS GANG IN THE BEST.

Victor's Patent, with all improvements to "V" and with "JOHNS" Plow Bottoms, the "VICTOR" is the best GANG PLOW in the world.

MATTESON & WILLIAMSON'S GANG PLOW. Took the Premium over all at the great Plowing Match in Stockton, in 1870.



HEALD'S BUSINESS COLLEGE, 24 POST ST. SAN FRANCISCO.

It educates practically. Its graduates are qualified for business and enabled to fill lucrative situations at once.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.

ALFALFA SEED, PACIFIC OIL AND LEAD WORKS, 2 and 3 Front Street, San Francisco.