

AGRICULTURAL.

'TERRA CULTURE' AS APPLIED TO FRUIT-GROWING.—The importance of this subject will justify a recurrence to it, in fact its utility can scarcely be over-estimated. It has renovated and rejuvenated dying orchards, and restored deteriorated fruit to healthfulness. It would put millions of dollars in the pockets of fruit-growers, and furnish the lovers of excellent fruit with the ne plus ultra—the article in its perfection.

Terra culture, the name given this mode by its advocates, can imply literally nothing more than land culture. As understood by those who practice it, the meaning is, that system of agriculture which is opposed to hilling up. Nothing will kill a fruit tree with more certainty than banking up around its body, or burying its roots to an undue depth—a practice very popular, if we may judge from the ridges into which the soil in orchards is thrown by back-farrowing annually.

Terra culture teaches of this, or at least to preserve the natural level of surface, and where trees have been banked up, to remove the superfluous soil around the body a foot or more, and to the depth of the surface roots. The result will astonish the incredulous, and convince the most skeptical in a way that can neither be gainsaid nor resisted.

If your trees have suffered extensively it may be necessary to prune closely between the 1st of April and 15th of June, or what perhaps would be preferable, if your trees are old, or do not bear the best kinds of fruit, put in a new top by grafting or budding at the proper seasons. If your trees are young and produce good varieties, nothing more will be requisite after removing the soil, or banking, than to take away the sprouts, and, in this latitude, in the fall, place manure so as to protect the exposed roots from the action of frost, removing the same in the spring, or digging it in to enrich the soil.

Five dollars and a pledge of secrecy has been exacted by the professed discoverer of the system of terra culture, of those to whom he imparted the secret. As I am under no pledges, and moreover as my information cost me nothing, I cheerfully impart the same for the benefit of the readers and all others interested in the Agricultural department of the most excellent 'Newspaper.'—[Dollar Newspaper.]

GERMAN HOT BEDS.—Take white cotton cloth, of a close texture, stretch it, and nail it on frames of any size you wish; mix two ounces of lime-water, four ounces of linseed oil, one ounce white of eggs separately, two ounces of yolk of eggs; mix the lime and oil with a very gentle heat, beat the eggs separately, and mix with the former. Spread the mixture with a paint-brush, over the cloth, allowing each coat to dry before applying another, until they become waterproof. The following are some of the advantages these shades possess over glass:—

1. The cost being hardly one-fourth.
2. Repairs are easily and cheaply made.
3. They are light; they do not require watering, no matter how intense the heat of the sun, the plants are never struck down, or checked in growth; neither do they grow up long, sickly, and weakly, as they do under glass, and still there is abundance of light.
4. The heat entirely arising from below is equable and temperate, which is a great object. The vapor arising from the manure and earth is condensed by the cool air passing over the surface of the shade, and hangs in drops upon the inside, and therefore the plants do not require so frequent watering. If the frames or stretchers are made large, they should be intersected with cross bars about a foot square, to support the cloth. These articles are just the thing for bringing forward flower seeds in season for transplanting.

For forcing early melons, tomatoes, etc., it is especially adapted, as the cloth can be tacked to boxes of any required size, and cut to fit them. Little, rough, square boxes, of the proper size and height, covered with the prepared cloth, can be placed over the hills in which tomato, melons, or other seeds are planted, and the plants allowed to stand, without transplanting, until all danger of frost is over, when the boxes may be taken off and packed away carefully for another season. Plough, Loom and Anvil.

HAIR OIL FOR HORSES.—Immense fortunes have been realized in the manufacture of hair oil for the lords and ladies of creation. But here is a recipe for the manufacture of hair oil, said to be successful in promoting the growth of horse hair—rendering it pliable and glossy. We give the technical formulae of the prescription from the 'American Veterinary Journal':—

R—Take
 Brush oil curcumus - ad libitum.
 Elbow greases - - - - quantum suff.
 Blanketius - - - - - firstratus.
 Stabius - - - - - warmus.
 Fodderus - - - - - never say diet-us, but meal us et oatus.
 Exercisus - - - - - non-comatus.
 The effect of the above is truly wonderful.
 It results in—
 Coatus shinitus.
 Apetitus, wolfitus.
 Muscularitus, two-forty-itus.

HOW TO START MELONS.—A correspondent of the Country Gentleman gives the following plan for this purpose: 'My plan for obtaining early plants is, to construct a rude basket or wicker-work of willow or other twigs, something like a bird's nest, without the inside filling up. Make a hole in the soil of the hot-bed of sufficient size to admit the basket, fill up, plant and cover the seeds, rake and smooth the surface.

When the weather is warm enough, and sufficiently settled to admit of outside planting, I make my hills, and lift the little baskets containing the plants, and carefully remove them to their places, where they quickly strike through the open net-work of the basket into mother earth,

and soon repay all trouble for giving them 'a start in the world.'

TO MAKE BUTTER COME.—Put the cream in a tin pail in a boiler which is sufficiently full of hot water to warm the cream to the proper temperature, which should in all cases be tested by the thermometer, where persons have not experience sufficient to enable them to arrive at the proper temperature, which is about sixty-five for warm weather, and seventy degrees cold. I do not know anything about your atmospheric churns, having always used the old fashioned one; large at the top, with the least taper possible, so that the dasher can move all the cream every time it goes up or down, and it should go clear to the bottom and top, so that all is churned at the same time; and no witches can prevent the butter's coming, for old or new subscribers.

GAS FOR THE COUNTRY.—A simple and economical wood gas apparatus has been invented consisting of a small furnace with a retort placed over the fire. The gas is produced from pine and other resinous woods, small blocks of which are placed on a shelf within the retort.

The action of the heat causes the resinous products of the wood to melt, and escaping from the pores, they slowly drip down upon the bottom of the retort, where the heat is more intense, and by which they are converted into carburetted hydrogen gas. The gas there formed then goes through a slight purification, when it is ready for burning. The substance kept in the retort, after producing the gas, is charcoal of a superior quality.

TO CURE SHEEP SKINS WITH THE WOOL ON.—Take one spoonful of alum and two of saltpetre; powder and mix well together, sprinkling the powder on the flesh side of the skin. Fold up the skin with the wool out, as tightly as you can, and lay away in a dry place for two or three days, or till they become a little dry, when they should be scraped with a dull knife till they are clean and supple. The process is then complete. Sheep skins prepared in this way make good saddle covers, door rugs, &c., and are useful in a variety of ways.—[New Yorker.]

FOR THE HICCUPS.—Traveling sometime since by railroad from Columbus to Baltimore, I took my seat immediately in front of a gentleman who was suffering under a paroxysm of hiccups, to a degree that I had never before witnessed. In a few minutes a person appeared from the end of the car and took a seat beside him, when he said:—

'Sir, can you tell me what is good for the hiccups? I have been afflicted in the way you see me since yesterday noon, and have had no rest or relief from any physician to whom I applied for assistance; I am worn out with suffering.' To whom the person replied: 'Sir, I will cure you in less than two minutes by the watch. Have confidence, for I am sure I can do it. Hold up high above your head two fingers of your hand; lean back in your seat; open your mouth and throat so as to give a free passage to your lungs; breathe very long and softly, and look very steadily at your fingers.'

In less than the time specified the cure was performed, one hiccup only occurring during the trial. The patient could not express his gratitude, while the practitioner only extracted from him as a fee the promise that he would extend the knowledge which he had imparted as freely as he had received it, assuring him that he would never be disappointed in the result. We were struck with the fact. Since then I have often had occasion to practice upon patients in the same disorder, and never without the most signal success.—[Water Cure Journal.]

A QUANDARY.—At the close of a teachers' institute down east, the principal of the academy in M—, being requested to make a few remarks, rose and spoke as follows:—

'Ladies and gentlemen:—In the language of — (scratching his head)—I forget what his name was—(another scratch)—and also what he said!'

After this long speech, the principal sat down quite exhausted.

FOR SALE.
ONE CARRIAGE AND CUTTER—Inquire of 44tf S. M. BLAIR.

PIANO FORTE
ON SALE—Inquire of 44tf E. SMITH, P. M.

IMPORTANT.
SAMUEL BITHELL, French Polisher, late from England, respectfully informs the public that he has commenced business in the above line, at G. Clement's Brush Factory, East Temple st. All kinds of furniture taken in and polished or varnished in the best manner, at reasonable prices. 42-3t

W. BALLAN,
WATCH-MAKER, respectfully informs the inhabitants of Great Salt Lake City and vicinity, that he intends carrying on his business in the house formerly occupied by A. L. Hale, North Temple st., 17th ward, and will warrant all work done by him to give satisfaction, as he understands his business in all its branches. Jewelry neatly repaired; charges very moderate. 43-1t

LOST, STRAYED, &c.

STRAYED.
AT GARDNER'S MILL from the subscriber, on Dec 17, one dark bay HORSE—no brands; and one sorrel HORSE, white face, belly and legs—branded 8 on right hip; both heavily shod; 8 or 9 years old. Any information concerning their whereabouts will be thankfully received by 43tf CHARLES HOLLEY.

HO! THE HAND CARTS!
ALL PERSONS who have been accommodated with Blacksmithing, Merchandise and Provisions at Fort Bridger are hereby notified that their accounts are left with Archibald Hill at the Tithing Office in Great Salt Lake City; and they are requested to come forward and settle the same as soon as possible. 44-3 LEWIS ROBISON.

BUSINESS NOTICES.

GLOBE, BAKERY.

FAMILIES & EMIGRANTS

Supplied with
HARD & LIGHT BREAD.

GLOBE,
COFFEE AND DINING ROOMS:

Staines & Candland, Proprietors:

[Between Livingston, Kinkead & Co's and Council House.

Meals always ready...Parties Supplied.

THOMAS S. WILLIAMS,

ATTORNEY AND COUNSELOR AT LAW and Solicitor in Chancery; will practice law in the U. S. Courts for the Territory, and also in the Territorial Courts. All business entrusted to him in the line of his profession will be attended to promptly, and with the strictest fidelity.

Particular attention will be paid to all claims against the United States arising in this Territory of a legal character.

All persons having title or claims to lands in the State of Missouri or elsewhere, which they have abandoned through mob force, or otherwise, and which have been sold for taxes can receive important information by calling upon the undersigned.

OFFICE—at his residence in G. S. L. City, U. T. 44-4 T. S. WILLIAMS.

NAILS! NAILS! NAILS!!!
D. SABIN has Machinery in operation for making all kinds of Nails to order. He will exchange Nails for Wheat, Corn, Potatoes, and other Produce. Come on with it—now is the accepted time!

WANTED!—Tire and Band Iron, for which he will pay in Nails or work in his shop. Encourage Home Manufactures! 44tf

NOTICE,
TO Bishops, President of Quorums, and heads of families:

F. C. ROBINSON now holds himself in readiness to take reports of ward or quorum meetings, and to make out family records, blessings, &c., and will attend the dwellings of employers.

Terms low, and pay taken in produce.
 N. B. Leave your address for F. C. R. at J. V. Long's, 13th ward, G. S. L. City, or at Mr. James Henry's, Stocker's ward, Session's settlement. 43-3t

ADMINISTRATOR'S NOTICE.

HAVING BEEN APPOINTED ADMINISTRATOR of the Estate of Thomas Tennant deceased, by the Judge of the Probate Court for Great Salt Lake county, the undersigned hereby requests all persons knowing themselves indebted to said estate, to come forward without delay and cancel the same, and those having demands against said estate will please file them with the Judge of the aforesaid Court, properly authenticated, as soon as circumstances will permit and within the time specified by law. DANIEL SPENCER, Administrator. 44tf

ADMINISTRATOR'S NOTICE!!

THE undersigned having been appointed by the Judge of Probate for Great Salt Lake county Administrators of the Estate of A. W. Babbitt, deceased, hereby notify all persons knowing themselves indebted to said estate to come forward without delay for settlement; and all persons having claims against said estate will please file them with the Hon. Elias Smith, Probate Judge, on or before the first day of June, A.D., 1857. JULIA ANN BABBITT, W. H. HOOPER, BENJ. F. JOHNSON, Administrators. 42-1t

Great Salt Lake City, Dec. 20, 1856. 42-1t

HOME MANUFACTURES.

The Subscribers wishing that this subject should not sleep, hereby inform their friends that they have added to their extensive variety, an almost innumerable assortment of most useful articles, among which may be named

Crockery, Cooperware,
 Furniture, Shoe Pegs,
 Lamps, Boot Trees,
 Clamps, &c.

They have also on hand a quantity of Hats, Boots, Shoes, Coats, Vests, Pants, Stockings, Gloves, Mitts, Handkerchiefs, Under and Over Shirts.

FOR THE LADIES:
 They have Lawns, Alpaca, rich Fringes for Cloaks and Mantillas, Edgings, Linings, Gloves, Stockings, Braids and Ribbons.

FOR CHILDREN:
 Muffs, Hoods, Cuffs and Neckties of the softest wool.

FOR THE SICK:
 They have Gardner's Pain Killer, Hot Drops, No. 6, Life and Tonic Bitters, with many other medicines. Also spices, candles, butter, eggs, cheese, soap, candles, molasses, vinegar, flour, corn meal, meat and vegetables.

A good Charter Oak Cooking Stove for sale; also one set of china, gold banded, containing 42 pieces. Carriage trimmings, with many other useful articles not to be found in any other store in town, at the sign of THE PARASOL.

three doors below Hooper & Williams'. 42-3m A. TAYLOR & SONS.

Debtors, please call and settle.

HERDING.

THE undersigned have established a HERD GROUND in Rush Valley, and are prepared to take stock to herd; and we feel confident in saying that the range is equal to any in the Territory. The vast amount of Stock lost heretofore through the negligence of herdsmen, and the severity of the weather in other valleys has induced us to locate said herd ground, and enter into the business of herding for the benefit of the people—said valley having proved the best and safest range for stock the past winter there was in the Territory. And we shall hold ourselves responsible to parties for all losses through our neglect of stock placed in our charge. The convenient location of said valley to G. S. L. City will enable us to receive stock on the 1st and 3rd Mondays of each month, at the Estray Pound in said city.

WILFORD WOODRUFF,
 CLAUDIUS V. SPENCER,
 JESSE C. LITTLE,
 J. W. CUMMINGS,
 R. H. PORTER.
 N.B. The Company Herd Brand is on left side. 33tf

Godbe's Quarter.

ARRIVAL OF GODBE'S TRAIN,
WITH a large and complete assortment of the Graefenberg Company's far-famed FAMILY REMEDIES;

the increasing demand for which having warranted a considerable increase in this season's purchase. Also a vast variety of Botanical and other every-day necessities in the medical line; with many of which the Territory has hitherto been but meagerly supplied, and others altogether overlooked by general dealers.

W. S. G. has also made a large purchase of GLASS, PAINTS, OILS,

and a selection of CHOICE LIQUORS, WINES and CORDIALS of the first quality for medicinal purposes; with an extensive variety of Perfumeries and other goods, useful and fancy, which you must call and see for yourselves.

The Soda Fountain still flows cool and refreshing as ever.

The following medicines are confidently recommended to the invalid:

Marshall's Uterine Catholicon.
 Dr. Libby's Pile Ointment
 Consumptive's Balm
 Vegetable Pills
 Health Bitters
 Fever and Ague remedy
 Eye Lotion
 Green Mountain Ointment
 Children's Panacea
 Sarsaparilla compound
 Graefenberg's Manual of Health.

J. L. HEYWOOD,

HAT, Cap and Muff Manufacturer,
 G. S. L. City, continues to keep on hand the choicest assortments of articles in the above branches, suitable to the wants of the people, for which he will receive in exchange all kinds of furs, grain and vegetables, &c.; fire wood, home manufactures, tithing orders, Territorial, county and city scrip. 33-3m

NEW GOODS.

LEVI STEWART & CO., would respectfully announce to the citizens throughout Utah Territory, that their first, second and third trains of NEW AND STAPLE DRY GOODS,

GROCERIES, OILS, PAINTS, NAILS, GLASS, Hats and Caps, Boots and Shoes, &c., have just arrived and are now opened and for sale at Salt Lake City and Provo. All who are in want of the above articles will find it to their advantage to give us a call before purchasing elsewhere, as our stock was bought at low rates and expressly to meet the demands of the market.

N. B. All persons indebted to the late firm, will please call and settle their accounts and save costs. Wheat and Flour will be received in payment. 30-1t L. S. & CO.

THE DESERET NEWS.

WEEKLY:

PRINTED ON WEDNESDAY; DELIVERED ON THURSDAY.

TERMS—\$6 PER ANNUM.

OFFICE—P. O. BUILDING.

ADVERTISING.

[Ten Lines, or less, constitute One Square.]

REGULAR ADVERTISEMENTS:

One Quarter Column, (three squares or less) for each insertion : : : : : \$1.50
 Half Column, (seven squares or less) each ins. 3.00
 One Column, (thirteen squares or less) " 6.00

SUNDAY ADVERTISEMENTS:

One Square, each insertion : : : : : \$1.00
 Two Squares " : : : : : 1.50
 Three " : : : : : 2.00
 Thus upward, with a half dollar to the additional square for each insertion.

TO ADVERTISERS.—Advertisements to insure insertion in the current number must be handed in before 10 o'clock on Tuesday morning. Remember this.

BOOK, JOB AND CARD PRINTING

Executed to order in this office; and having received some important additions to our stock of

Job and Ornamental Type,

We are prepared to do work at reasonable rates, and in the most approved style.

BOOK-BINDING

In all its branches carried on in connection with this Office. Send in your orders.

AGENTS FOR THE DESERET NEWS.

UTAH.	G. S. L. County
A. O. Smoot	Kanyon Creek Ward
Reuben Miller	Mill Creek
Robert Gardner	Do
Ezekiel Lee	Big Cottonwood
David Brinton	Do
Joseph Hammond	South Cottonwood
Isaac Ferguson	Do
Silas Richards	Union
William Draper	Draperville
Samuel Bennion	West Jordan
Mc Gee Harris	Fort Herriman
Peter Maughn	E. T. City
Alfred Lee	Tooele do
Thomas H. Clark	Grantsville
John Stoker	Stoker
William Smith	Centerville
James Leithhead	Farmington
Samuel Henderson	Kaysville
James G. Browning	Ogden
E. Bingham	Bingham's Ward
Thomas Dunn	North Ogden
Thomas Kingston	South Weber
A. Wardsworth	East Weber
E. H. Pierce	Brigham City
Salmon Warner	North Willow Creek
David Evans	Lehi City
Isaac Houston	Lone City
L. E. Harrington	Lake City
W. G. Sterrett	Pleasant Grove
O. Carter	Provo City
Aaron Johnson	Springville
John W. Berry	Palmgr
John H. Reid	Spanish Fork
Charles E. Hancock	Payson
B. F. Johnson	Santaquin
T. B. Foot	Salt Creek
George Peacock	Manti
Samuel P. Hoyt	Pillmore City
Parlowan	Parowan
Isaac C. Haight	Cedar City
John D. Lee	Fort Harmony
L. W. Babbitt	Beaver Creek
Isaac Bullock	Fort Supply
Allen Weeks	Cedar Fort
A. B. Cherry	Genoa
Andrew Moffit	Catch Valley
James Frodesham	Malad Fort

NEW MEXICO.
 William Brinckhurst Los Vegas
 For California, Oregon and Washington.
 O. M. Thomas San Bernardino CALIFORNIA.
 Geo. Q. Cannon San Francisco " "
 For Canada and the States and Territories East of the Rocky Mountains.
 Luminary Office St. Louis MISSOURI.
 Mormon Office New York City NEW YORK.
 For the British Isles, Europe, Asia, Africa and Australia.
 Millennial Star Office, Liverpool ENGLAND.