SOWING GRASS SEED.

Suggestions as to the Proper Depth for Covering the Seed.

Some discussion has recently taken place on the proper depth for covering grass seed, and a writer in a late exchange states that he has had a fine growth of timothy from at least two inches depth of soil, and clover seed has come up when buried four inches deep. This statement does not agree with the results of the series of measured experiments made some years ago, by Country Gentleman, in a soil consisting of a finely pulverized loam. Grass seed as small as that of timothy rarely came up from a depth of an inch, and half an inch was at most as its germination could be relied on. One inch in depth was sufficient for clover, and at a greater depth it rarely grew. These were the results of counting and accurate measuring. When the covering was nearly all sand instead of strong soil, the young plants would reach the surface from a greater depth; but for a strong and finely pulverized loam the above mentioned depths could not be exceeded.

Superficial observers, however, make the mistake of not ascertaining what portion of the seed grows, and how many remain dormant in the soil. The writer above referred to recommends a common square harrow with large teeth for covering the seed, on the supposition that all will grow from four inches of soil.

This opinion, says Country Gentleman, was doubtless adopted from observing the small portion of the seed near the surface and supposing that it represented the whole. If the heavy harrow buried them at all depths from the surface down to four inches, at least three-fourths would be too far down to grow. If a peck is sown to an acre there will still be seed enough near the surface for a fair representation of the whole number. If the heavy harrow sends them down to all depths within four inches, at least three-fourths will be too deep to grow. But a peck of clean timothy seed contains no less than 10,000,000 seeds, and over 1,000,000 growing seeds would not only give the appearance of a successful crop, but would satisfy the superficial observer that all were growing and none were buried too deep. A crop of 10,000,000 plants to the acre would be over 60,000 to the square rod and more than 200 to the square foot, and if a fifth part grew there would still be more than forty plants to the square foot. No wonder, then, that a careless observer would suppose that all his seed were actually growing from all the way down to four inches in depth.

It may be cheaper and more economical of labor to put on another dollar's worth of timothy seed and harrow it in with a common coarse harrow and lose three-fourths of it, than to take the additional care and use the extra labor to harrow it in like the hand labor of a garden bed. But the owner should understand well what he is doing, and know that a small amount of seed, skilfully ground and rough harrowing will not be as likely to give him success as a finely pulverized and rich soil.

How Much a Silo Should Cost.

In reply to a question how much a silo should cost, it is told in a bulletin issued from the New Hampshire station that the day of costly silos is past, and it is this fact alone which enables the rapid extension of this system of storage. A wooden silo keeps its contents with less loss than a stone or cement one, chiefly because of the penetration of air through mortar and cement. A silo built independent of the barn, having its own frame, roof, etc., can be built for one dollar per ton of capacity if above seventy-five tons capacity. If built in the corner of the barn the cost of material and labor will be about one-half that sum, but on most farms where there is lumber, and where much of the work can be done by the farm help, this cost can be reduced almost, if not quite, to an actual cash outlay of twenty-five dollars.

Wheat in Rotation.

A. J. Shepherd writing to the New York World, says: "When a regular system of rotation is carried out wheat can nearly always follow clover with benefit, and especially if the second growth can be turned under. There is a considerable per cent. of nitrogen in clover—the whole plant, root and top—and this is an element needed by wheat. In order to derive the full amount of benefit, the clover should be allowed to make a full growth.

"Before the plants begin to mature it will help to rot and make the plant food available if a good dressing of lime is given just before plowing under. An item in turning under any green crop as a fertilizer is to turn everything under as completely as possible, and the more thoroughly this is done the better will be the results secured."

Baled Hay for Market.

The following are suggestions from a New York commission house to those who ship hay for sale: "The only way to keep baled hay in the farm barn is to store the bales in a dry dark loft if possible. If it be necessary to store them on the ground floor, it is very important that the lower tiers be placed on their ends, with good space for air to circulate between the hay and the floor. There should also be ample space below the floor for the air to circulate; without this you are sure to have stained goods, which will sell at a loss. Cut hay early; do not delay cutting on account of bloom. Hay may be put in quite green if free from dew or rain. Color makes great difference with the sale of hay. We advocate the use of covers during a rainy season while curing hay."

Agricultural Items.

According to one estimate the wool clip of America for 1891 will be 800,000,000 pounds.

Rye sown among corn at the last cultivation will shade down weeds, furnish late fall and early spring pasture, and supply a good coat of green manure to turn down for the following wheat crop.

The acreage of clover is returned as practically the same as that of the previous year.

A Convict Who Loves to Steal.

"Lord, how I do love to steal! If I had thousands I would still be a thief."

The exclamation was made by a young jailbird in the hearing of Dr. Robert Fletcher, who quoted it by way of illustration in the course of a lecture on the relation of the criminal to society.—Washington Star.

CALIFORNIA
CREAM OF PRUNES

A very pleasant Laxative, made from the juice of Fresh Prunes, combined with a few harmless vegetable [illegible] and highly medicinal [illegible], put up in form of

CREAM DROPS,

Making a very valuable preparation [illegible]

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IT IS A WONDERFUL REMEDY

FOR CONSTIPATION, SOUR STOMACH, COSTIVENESS, LOSS OF SLEEP, WORMS, INDIGESTION, ETC.

PRICE 25 CENTS.

For Sale by All Druggists.

BRIGGS MEDICINE CO.,
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Shampooing Done in the Latest and Most approved Manner. Children's Hair Cutting and Dressing a Specialty.

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ALL KINDS OF JAPAN AND CHINA TEAS A SPECIALTY.

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PERSONAL.

Ladies suffering from any form of Female Weakness will find a sure cure in "Orange Blossom." For full particulars call on the General Agent, 125 West Third South Street, Salt Lake City.

Utah Central Railway
TIME TABLE.

In Effect April 1st, 1891.

Passenger Trains will Run Daily, between Salt Lake and Park City, as Follows:

SALT LAKE CITY.

[illegible]

PARK CITY.

[illegible]

Office and Depot corner 6th South and Main Streets.

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Rio Grande Western Railway.
STANDARD GAUGE.
CURRENT TIME TABLE.

In Effect Saturday, August 1, 1891.

EASTWARD TRAINS.	No. 2.	No. 4.	No. 6.
[illegible]	[illegible]	[illegible]	[illegible]

WESTWARD TRAINS.	No. 1.	No. 3.	No. 5.
[illegible]	[illegible]	[illegible]	[illegible]

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SCENIC LINE OF THE WORLD!
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TWO SUPERBLY EQUIPPED TRAINS DAILY
TRAVERSING THE
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[illegible]

A. S. HUGHES, Traffic Manager, Denver, Colo.

Health is Wealth

Dr. E. C. West's Nerve and Brain Treatment, [illegible]

WE GUARANTEE SIX BOXES [illegible]

THE CRY OF MILLIONS

OH, MY BACK!

STOP IT NOW.
SOON IT WILL BE TOO LATE.

I have been troubled many years with disease of the kidneys [illegible]

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Santa Rosa, Cal.

NO MORE BACKACHE
[illegible]

CALIFORNIA
Positive & Negative
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They cure Headache, Biliousness, Liver Complaint and Indigestion. No griping or nausea. These

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Tone up the system and restore health to those suffering from general debility and nervousness. Sold by all druggists. 25c. per box.

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Cures all forms of Female complaints, weakness, nervousness and general debility. Sold by all druggists.

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ADVICE TO MOTHERS.
Mrs. Winslow's Soothing Syrup should always be used for children teething. [illegible] Twenty-five cents a bottle.

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To BRIGHAM CITY, $2.50; LOGAN, $3.75; FRANKLIN, $4.50; PRESTON, $5.00; OXFORD, $5.25; POCATELLO, $8.00. Good for 15 days. MARKET LAKE, $12.00; SODA SPRINGS, $9.00; MONTPELIER, $10.50; SHOSHONE, $15.00. Good for 30 Days. [illegible]

TRAIN ∴ LEAVES U. P. DEPOT at [illegible] a.m., arriving at Logan at [illegible]; Soda Springs at [illegible]; Market Lake at [illegible]; Montpelier at [illegible].

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