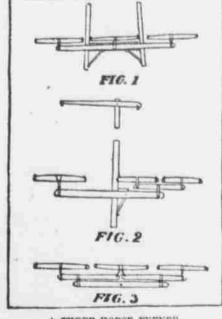


A THREE HORSE EVENER.

Draft In Three Horse Teaming.

Teamsters in my section who desire to use three horses generally adopt the heavy thills shown in Fig. 1, says A. F. Shull of Ohio in American Agriculturist. The weight of the thills is borne entirely by the middle horse, as they are hung in hooks attached to a ates itself from the broken roots left broad strap over the back. The middle in the soil. The vegetable proper singletree swings from the same pin as weighs from one to two and a half the doubletree for the outer horses.

Where it is necessary to use a tongue divide the doubletree into thirds and place the pin one-third the length from the end next the two horses. Then give the near horse a longer portion of the tongue chains or, as in western wagons,



A THREE HORSE EVENER. [Fig. 1, heavy thills; Fig. 2, short arm; Fig. 3, tongueless evener]

of the neck yoke. Even then it it necessary to build a short arm at the side of the tongue (Fig. 2), but it is so short that side draft is nearly eliminated. Such a plau will be quite effective in two wheeled implements where the load is behind the axle, tending to keep the tongue straight. It may be added that side draft is further lessened by hitching as far as possible from the load and using a long tongue. For tongueless vehicles and imple-

ments Fig. 3 shows a very good evener. Its construction is made plain by the drawing. In attaching the middle singletree be careful that the irons at the inner ends of the small doubletrees are plvoted so as to move sidewise freely, as the distance between the ends is variable.

Suggestions In Road Building. It is desirable for many reasons to preserve the natural dirt road alongside and parallel to the surfaced road

CURRENT DEVELOPMENTS.

News and Notes of Interest In Varions Lines of Agriculture. By R. L. WOODS.

Washington .- The new white potato from Uruguay, Solanum commersonil, which has attracted considerable attention as grown in France, is the subject of some information supplied to Methods of Overcoming the Side the state department by the United States consul at Rouen, who says: "The leaves are small and slender, somewhat like those of the Irish potate, and the flowers are abundant, of a pule violet color and very odorous, After one planting the plant perpetupounds and has a yellowish wrinkled skin, covered with lenticels, which disappear after culture. The pulp when ooked has a slight greenish color." It further appears that as grown in France in 1901 all of a certain number of tubers taken from the crop by

random and cooked with the skin on were very bitter, but under cultivation this characteristic has greatly diminished. Peoling also takes away much of the acridness. In spite of the bltter taste animals are foud of them. "In the same soil," says Mr. Haynes, "the yield is greatly superior to that of the ordinary potato. The Early Rose in one instance gave 3,000 pounds 8.500 pounds."

Not Turning to the Farm.

that in 1900 agriculture showed a diminishing proportion of workers, gaged in agriculture, with 24 per cent in manufacturing and mechanics, 18 vour readers to the benefited. Refer per cent in trade and transportation. dimost 15 per cent in domestic and personal service and 3½ per cent in

To Be Tried on a Bigger Scale.

professional service.

The remarkable intensive farming of J. D. Deirich of Pennsylvania has become a famillar story during the past except bran and cottouseed meal. Agricultural experts reason that the Detrich methods of intensive farming if applied by dairy farmers throughout the United States would be worth \$40,-000,000 a year to the dairy interests. The question having been raised

whether what has been done on fifteen acres would result equally well on a larger scale, it is said that Mr. Detrich | later than Oct. 31st, 1905, is to try to prove the proposition on a new farm of 300 acres which he has purchased in Chester county, Pa. On his fifteen acre farm every bit of space was devoted to crops, none to pasturage. The animals were kept in the stable or barnyard the year round.

LAST SUMMER'S WORK

Permanent Cures Performed by Dr. Darrm in Salem-Now at Hotel

Smeede, Eugene

Among the many cases treated by Dr. Darrin, and presented to us for Pharmacy. publication, we select the following which speak volumes for the doctor's skill and permanency of his cures. Mrs. Ross and Mr. Darby are well COLIC, CHOLERA AND DI known in Marion county.

Mr. Darby Cured of Catarrh.

Salem, Or. Dr. Darlus-For eight years I have been afflicted with caarrah in the head and throat, enusing bleeding of the nose, Your treatment by electricity and medicines cured me completely 1 will catarrah one day though it cost me of testimony with my own free will. Pharmacy. C. W. DARBY.

Mrs. Ross' Good Luck.

To the Editor .-- I am proud to witess to the public the skill of Dr. Darrin as a physican. I year ago 1 pre-sented myself to bim a miserable physical wreck body and mind, never having a thought of seeing a well day igain, but hoping to receive from im some temporary relief. One year ago I did not dare to take a mouthto the acre, the American Marvel 3,000 full of solid food into my stomach. pounds and the Solanum commersonit [1] ived on soup and cocoa on account of my intense suffering-apparantly afflicted with an acute and incurable disease of the stomach. I took the With the apparent great increase of treatment of Dr. Darrin three months interest in agricultural matters it is and have since then been able to sit somewhat surprising to learn, from a down to any kind of food and relish special report to the census bureau, it to my satisfaction, never fearing that is 1000 any evil results. My addictions were chronic dysdepsia, constipation, liver and kidney complaints, pains in the while the numbers in professions, man- heart and lungs, and diseases peculiar utactures, trade and transportation to my sex. Now life is a pleasure, was on the increase. However, agri- and I am a stranger to pain of any culture still makes a good showing, as form. Have not had such health in almost 40 per cent of all the men work- twenty years. I feel lifted into a new ers in the total population was en- world and enjoy all things on account

> Very respectfully. Mrs. BEULAA R. Ross.

Dr. Darrin's Place of Business.

Dr. Darrin is located at the Hotel meede, Eugene, until October 1, am gives free examination to all, 10 to or 7 to 8 daily. The poor treated free and those able to pay at the rate two years. Mr. Detrich brought up a of five dollans a week or in that prorun down farm of fifteen acres to the portion of the time the case may re point where it supports more than two quire. All curable chronic disease cows to the acre, nothing being bought of men and women a speciality. Eyes tested free and glasses fitted at reasonaule prices

Lewis and Clark Exposition Ticket Rates.

Cottage Grove to Portland & Ret \$5,90, good for 30 days, but not

PARTIES OF TEN OR MORE

One fare for the round trip good the bowels give Chandberhain's Cohe Chelera and Diarrhoen remedy and

Good for Stomach Trouble and Constipution

"Chamberlain's Stemach and Liver Tablets have done me o great deal of good," says C. Fewns, of Rat Portage, Ontario, Caunda, "Being a mild physic the after effects are not un pleasant, and I can recommend them to all who suffer from mounth dis-For sala by The Modern onler.

ARRHOEA REMEDY

This fact is well known to drug bibs everywhere and nine out of ten will give their customers this preparation when the best is asked for. Mr. Obe Witner, a prominent drug gist of Joplin, Mo., in a circular to his customers says. There is noth-ing on the market in the way of say that for the small amount you ing on the market in the way of aptent medicine which equals Cham obriata's Colic, Cholera and Diarten times the amount I gave you to cure me. I offer you these few lines tion." For sale by The Modern rhoea remedy for bowel complaints.



against howel troubles. As a subsit is only necessary to give the childer dose of eastor oil to correct any dis order of the bowels. To not uscany substitute but give the old fashioned castor off and see that it is fresh, as rancid-oil naussates and has a ten dency to gripe. If this does not check



where possible

A common but erroneous impression prevails that when a road is once macadamized, graveled or surfaced with any hard material it is then finished and must endure forever. An improved road needs constant attention, and unless this is given in a systematic manner like the railroads the road will rut, ravel, disintegrate and go to ruin.

It seems wise to recommend, particuis scarce, the building of macadam and gravel roads from eight to ten feet wide. Some will say: "These roads are not wide enough. How will two loads of hay pass on an eight foot road?" The answer is: "Two loads of hay seldom meet. Usually both are going to the same market at about the same time. So it is useless to construct a road to meet a condition which seldom arises." Of course these widths are only for strictly country roads, upon level lands, where it is easy to turn out. On main highways, where travel is extensive, a width of at least sixteen feet should be maintained .--R. W. Richardson.

Preparing Land For Wheat.

Where the ground is to be plowed for wheat it is essential that it be done early in the season even if the ground is dry and the plowing a little hard. 1 usually indicated by the argiculturists have seen men wait because the ground of the sugar factory for which the He feels a poor man's joy to think the was dry and beed for a rain until late beets are desided and notice is given food is won. was dry and hard for a rain until late beets are destined, and notice is given in the fall, and about nine times out of to the grower to deliver his beets to ten they fall to get a crop. There is no the factory. An expert in sugar beet crop that the average farmer grows growing can readily discern when beets A that requires more skill than does are ripe. The leaves droop and take wheat. The nature of the wheat plant on a yellow cast. The sooner they are wheat. The nature of the wheat plant on a yellow cast. The sooner they are day's unending quest must be studied and then everything harvested after this the better, as they it brings to home a beneficition and is possible be done to make its abiding have reached their maximum of sugar place congenial. The seed bed for content and purity. Warm fall rains wheat must be fine, firm and covered | are liable to start a new growth of the with a blanket of fine earth in which to deposit the seed. These instructions supply of rootlets. This has a tendency have been given so often that it seems to lower the purity and sugar content almost useless to repeat them.

The amount of work to be done up on a field after it has been plowed will to a certain extent be governed by the weather, but seldom is a field worked too much. It is a good plan after the field looks as if it is in perfect condition to give it an extra working. It is usually this extra work that makes the top bushels the next harvest .-- Cor. National Stockman.

The Path of the Ginseng Grower. The Chinese are said to believe that , In selecting breeders for market ginseng will prolong life and make disease well nigh impossible. The ginseng should be chosen. at least cannot cure itself. The wild plants are quite free from disease, but the molting of fowls. Linseed meal is under cultivation wilts, rots and also useful for the same purpose. blights attack it. A recent Cornell bulletin describes some of these diseases and also claims that insects trouble the plants. So the path of the ginseng seems to be little help yet for diseased plants.-Rural New Yorker.

Grain Weevils,

destruction is the employment of carthe liquid to 100 bushels of grain, or 1,000 feet of space. In ordinary cribs and bins the most important provision rection. is to make the room as nearly as possible gas tight, in order that the gas may remain in all parts of the space The dews come down, and shadows gather in the field and lane; in full strength and for the required time. It must enter, by diffusion, all tween the grains of corn in the ear, and must penetrate the burrow of the individual weevil or its grub in the ty, even where the gas can be kept full strength in the bin.-E. A. Pope-

Harvesting the Sugar Beet.

The time of sugar beet harvest is heets, causing them to send out a fresh of the beets. If it is apparent that the crop cannot be received at the factory at some time in the near future, the hests should be harvested and siloed. The contract usually provides for following the orders of the factory in this respect, and this is the safest course .--

In the Poultry Yard.

C. F. Saylor.

The hens that pass their molt early are the ones to keep for early winter layers.

stock only broad, full breasted birds Sunflower seed will help to hasten Ducks are not subject to cholera or roup, and lice do not trouble them at

Geese are adapted to wet lands and grower is not all lined with gold. There do well if supplied with good pasturage and plenty of water.

for ten days, (must travel together on one ticket both ways) \$1 40 MORE

The two forms of grain weevils most moving on same day, but individual bowel trouble appears. This is the In evidence are the common grain tickets will be sold under this rate most successful treatment known and moth and the black weevil. In either and can return at any time within fidence even incases of cholera infan case the most ready method of their ten days from date of sale, \$4.40. The above tickets on sale daily belarly for level country where material bon bisulphide, one pound at least of tween May 29th and Oct, 15th, and no stop overs allowed in either di-

Twilight on the Farm.

Low in the west a band of black gives promise unto rain.

cracks and crevices, even those be- It is the twilight hour, and, given o'er to calm and rest,

starting from the deep. High heaven's heralds sent to watch that men may sleep.

The father comes, a man of many years

meal, and far away wagon rumbles out the neighbor's visitors secured.

name who loves delay; It is the twilight hour, and, free from

W. Bievenson in Chlcago Inter -C. Qcenn.

THE PRICE OF A LIFE.

How It Was Fixed Under the Old Anglo-Saxon Laws.

According to Angla-Saxon laws, ev ery man's life, including that of the king, was valued at a fixed price, and any one who took it could commute the offense by a money payment upon a fixed scale. The life of a peasant was reckoned to be worth 200 shillings, that of a man of noble birth 1,200 shillings, and the killing of a king involved the regicide in a payment of 7,200 shilllings.

It has been pointed out that the heir to the throne could thus get rid of the existing occupant by murdering him and thereafter handing over the fine, according to the scale, to the exchequer, when his offense would be purged eign received all fines as personal perquisites. There is very little doubt that these rough means were practically applied in the case of some rulers of found." Soothes and heals cuts, England in the preconquest period .- burns and scalds, 25c at Benson's Pharmacy; guaranteed, London Telegraph

then a dose of castor oil, and the dis case may be checked in its incipiency ORGANIZED PARTIES OF ONE SUNDRED OR and all danger avoided. The easter off and this remedy should be procured at once and kept ready for in-One fare for the round trip party stant use as the first ludication of any tum. For sale by The Modern Pharmacy

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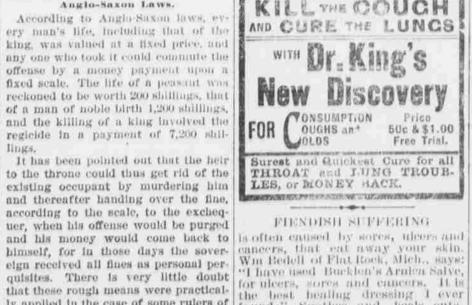
Round Trip to One Fare

The Southern Pacific railroad has It brings to home a benediction and is decided to make a tate of one fare for the round trip from Portland to wheat berry. This thorough diffusion The boys come in and bathe their faces at all points in Oregon to as far south will only occur after some time, even in a saturated atmosphere. Twenty-four hours is short enough for certain. It is the twilight hour, and stars are position, to enable them to look over western Oregon, that they may have an opportunity to locate or in-

> The tickets will be good for 15 The tackets will be good for is who smiles to see the candle in the self more window there; It is the twilight hour, and, with the farm work amply done. The tackets will be good for is days, with stop over priveleges. Holders of Exposition round trip tickets from the easy can purchase Holders of Exposition round trip. Altorney at Law. these tickets this rate, it will depend upon the energy shown by Then all sit down to eat the evening the community as to the number of

> > Dr. Corpron and family have gone for a three weeks visit at the erv plants; mechanical drafting, sea side, at Winchester Bay. The doctor carries a gun in one hand Messay Building. and hism edicine case in the other, saying he is fixed to kill or cure.

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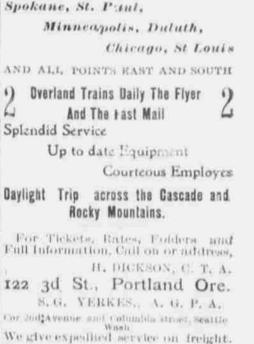
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