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The Chronicle is the Only Paper in The Dalles that Receives the Associated Press Dispatches.

THE SILO AND ENSILAGE.

Specially Prepared for the Chronicle by Professor T. H. French of the State Agricultural College.

At the first introduction of the sile in this country, corn was the only crop cured in it; but it was found that ensilage of has been contrived so beneficial to the most indispensible.

As soon as stock becomes used to ensi- slice off Wasco. lage they eat it ravenously. In spite of Stock ranges and schools do not go est per cent. of butter.

can take advantage of the barn founda- formation concerning them. tion on two sides of the silo. Make Now, Mr. Editor, when I hold up side and carry the remainder up to four locate them.

rough material. The first covering on the teacher and pupils all seemed to be the inside may be some cheap material doing their duty and I am quite pleased that will make an even surface. Over with my visit. this nail tarred building paper giving it a good lap, and cover the same with fifth term in the Antelope school, No. matched dressed lumber free from knots. 50. She is well known as a teacher in Leave a three-foot doorway, into which the county, having taught in The Dalles you slip matched planking from the public school two years. There were ground up as you fill the silo. To pro- thirty-one pupils present. The house tect the lumber lining the silo from the and furniture is poor with no apparatus. hot vegetable juices, paint it with hot I was disappointed in this for I expected gas tar and resin in the proportion of one something better in this lively little gallon of tar to one pound of resin. This town. However, they are planning to will dry in a day or two.

A soon as you have plowed the soil, in spring, plant the corn for your silo, then it will come up ahead of the weeds. Some prefer drilling with a grain drill. making the rows three to four feet apart, dropping the kernels about eight inches apart. At this distance we can get an ear on every stalk, which is all-important. Per acre eight to ten quarts of seed will be required. It is considered more important to secure grain on the ensilage crop than a large yield of fodder per acre; quality is here more important than quantity. Fodder that has an ear on every stock is more nutritious. In corn that nears maturity there is relatively less woody material and a decrease of acid, or more sugar. The time to cut it down is when the corn begins to glaze. The fodder should not get ripe as a certain amount of moisture is necessary for curing process, and ripening converts certain digestible constituents into indigestible woody fiber, causing a decrease of the flesh formers—the albumenoids and carbo-hydrates. However, corn should reach maturity before cutting for the silo.

The fodder must be cut and elevated into the silo by a machine. Several farmers can buy the machine and power together, and move from one farm to another. Slow or rapid filling of the silo will do equally well. It may be opened at once or remain untouched for months. Ensilage is deficient in albumenoids and the best authorities agree that bran, oats, linseed meal or cotton seed meal should be fed with it. Feed the ensilage evenly prove the good prospects for an abundant harvest.

B. S. Pague, from the surface. A bushel of the loose ensilage is enough for a cow or a horse, or ten sheep. With safety a larger amount of grain can be fed with ensilage than with dry hay or fodder. Some

best dairymen prefer ensilage; in Wisconsin and New York they make butter from cowe fed on ensilage, at 10 to 13 city, while enjoying a social hour with some friends the other night, narrated an incident of his practice in which Daniel Drew, then a "king of Wall street," figured. Mr. Drew had been seed by persons who had been let out at the small cents a pound. The cry that ensilage spoils milk is proved false by the testi- action. The rugged financier was indig Powell and Col. E. D. Curtis of New

Many horsemen find ensilage excellent for colts and brood mares. They keep fall colts thrifty on it during the long cold winters. Col. Curtis, the best authority on hogs in the country, says ensilage is also valuable for swine.

Cows give good returns for a food that hey relish, hence the success from ensilage in the dairy. The silo enables the farmer to make butter during a season of drought or when prices are high. ed in non-suiting the plaintiffs. Elated With ensilage, winter dairying is becom- with this result he called on Mr. Drew With ensilage, winter dairying is becoming the rule in the east. With a yield of fifteen to twenty tons of ensilage corn per sere, an equivalent of five or six tons of good hay, we can keep much more stock and keep it better than less stock on a larger acreage

Among the Schools of Wasco.

EDITOR CHRONICLE: After being grass was superior. Since 1880 nothing roasted in the canons of the Deschutes, chilled to the bone with the cold winds American farmer as the silo. It has helped on the ridges and almost buried alive to furnish the necessary supply of butter, in the dust on the road; after hunting cheese, and beef when all other means unsuccessfully for county lines and have failed. To the farmers of New En- schools among badger holes, breakers gland, and the northwest, during the long, and bunchgrass, I am not inclined to severe winters, the silo has become al- complain, so far as my official duties are concerned, that Sherman got another

what chemests say practically it is found very well together, and in the stock that stock keep just as well, in fact bet- man's parlance, after having made my ter when fed ensilage than when fed the "round-up," I find two districts missing. same kind of fodder dry. Do we ourselves They are on paper in the office, but I not get more good from something we found no man who was able, to tell me relish for dinner than from twice as much their whereabouts on the earth. of something we do not relish? For the Whether they have perished in one of cow we must have a variety of foods and the cold winters, strayed away to a betof a succulent nature to produce the larg- ter range or treated as a "Maverick" and appropriated, I know not; but 54 In building a silo only four simple and 57 are missing. I have always principles are to be borne in mind. The heard that the stock business was not silo is practically an air-tight box or bin. good for morals. It may be so for I find In building it on the ground we must see that most of the other districts east of to it that water cannot enter its interior. Deschutes bear another's brand. I only First, a good foundation of stone or ce- found two schools to visit on my trip. ment, if the silo is built by itself. If it The settlements are so widely scattered, is built within the corner of a barn, we I found it almost imposible to get in-

these sides a little stronger by adding a my right hand and took the oath of offew studding. For the other sides set up fice, I was not acquainted with this part 2x8, or 2x10 in case of a deep silo, and of the county. I have tried to do my we have the frame complete. Make the duty in visiting schools, but I may have sidewalls perfectly safe from outward failed. If there is a school out there If the foundation wall be that has not had a visit from the superstarted 16 inches at the bottom carry it intendent, if they will write me giving up to where you want the studding to latitude and longitude, I will take along begin; then leave six or eight inches in- a surveyor or a ship captain and try to

or five inches further, thus forming a In the Wasburne district, No. 55, I ledge for studding to rest upon, and to found a small school of thirteen pupils keep them from springing outward. Mrs. Chamberlain teacher. They have The corners must be stayed by iron rods no apparatus and poor furnishing, and or plank framed thus that the corners the teacher is greatly bothered by a are locked, as no air must be admitted. variety of books contrary to law. Some The outside of the silo may be of any of the pupils are quite backward, but

Miss Katie Cooper is teaching her build, and though no definite steps have been taken, I shall expect to find a nice house next time, for I understand the citizens are generous in subscribing for school purposes. I held a meeting in the evening but on account of short notice not many were present though a pleasant time was had in singing and talking on school business.

TROY SHLLLEY, Supt.

CROP-WEATHER BULLETIN, NO. 14. For the Week Ending, Saturday June 13, 1891.

OREGON WEATHER BUREAU, CENTRAL OFFICE, PORTLAND, OREGON.

EASTERN OREGON WEATHER The weather has been cool, with little sunshine and general showers have prevailed. In sections there are heavy downpour, generally called cloud-bursts, one especially near Vansycle in Umatilla county on the 12th. The rainfall varied .05 to .60 of an inch. Some snow fell in the mountains of Baker and Wallowa counties.

The rain was of great benefit to growing crops. Timely rains have further improved the splendid prospects. The hot winds of May 25th burnt considerable wheat, but the rains have done far able wheat, but the rains have done far more benefit than the hot winds did damage. Through the wheat districts the rains were not as heavy as in the other sections, but some fell through the entire wheat ares. In the Grand Ronde valley spring wheat is late in coming up, but the present moisture insures the crop. Cherries and strawberries are fine and plentiful. Fruit is generally in good condition. Entire Eastern Oregon and Washington has been favored with suitable weather conditions to further improve the good prospects for an abund-

Observer U. S. Weather Bureau. Mr. McGinty, an Irishman of Portland, vesterday interviewed Mul-doon as to how he was going to vote this prominent stockmen consider ensilage coming election. "Begora, Mac," says "Muldoon" "I am going to do all I can superior to good pasture. Many of the for consideration."—Dispatch.

end of the horn by him in a stock transmony of such men as Hiram Smith of nant and vicious when he sought the Wisconsn, John Gould of Ohio, E. A. aforesaid lawyer and requested him to take the case. The amount for which plaintiffs sued was about \$35,000. and Drew said that he wanted the case brought into court so that he might "show up them fellers."

The lawyer made a careful investiga-tion of the facts and found that his client had scarcely a leg to stand on in court. He was anxious to win the case, how-ever, and determined to see what ingenuity and an exhaustive knowledge of legal technicalities would accomplish. Circumstances favored him, and through carelessness on the other side he succes and triumphantly announced that victory was theirs.

"But I haven't had a chance to tes-"That was not necessary. We have won the case without a trial."

Lify." said the old speculator peevishly.

We have

"The deuce you have!" exclaimed Mr. Drew angrily. "Well, you are a fine lawyer to look after the interests of your clients. I wouldn't give a dollar a bunch for such lawyers as you are."

"You don't seem to understand, Mr. Drew," explained the lawyer. have won the suit and you are \$35,000 ahead, to say nothing of the costs.

"Thunder and lightning, man!" fumed the brusque Daniel, "what do I care about the \$35,000? I wanted to get on the witness stand and tell what I thought of them fellers."-New York Times.

Men Are to Blame for Female Frivolity. By the way, I think I occasionally hear a feeble pipe from a man to the effect that the girls are responsible for all the tomfoolery in the world. Don't you know that you are the very ones who tend to make them so-you men? You follow after and woo and wed just that sort of after and woo and wed just that sort of girls. You won't look at a sensible little woman who can make "lovely" bread, abjures bangs, can't dance and has no on the shortest notice. "style." You laugh at and make sly jokes at the expense of our big hats and our pronounced fashions, but when you choose your company, and often your wives, I notice you pass right by the homekeeping birds and take the peacocks. If you won't have her modest

A. ULRICH & and simply gowned she is willing to make a feather headed doll and a travesty of herself to get you and win heaven! You know perfectly well, you men, that you don't care half so much for brains as you do for "get-up," and the woman you honor with your choice

and a becoming costume rather than for a clever head and an honest heart.

I am not talking to old fogies who cling to old fashioned notions, but to young men who ridicule the content. young men who ridicule the customs of their grandmothers, who shake their heads at the salaries of two and three thousand a year as inadequate to support wives: who rail against woman's extravgance, yet do their best to maintain her in it. When you, my fine and dapper gentleman, begin to seek out the mod-estly appareled and the sedate girls, then shall folly and vain show fly over seas for want of encouragement and the grand transformation of sawdust dolls into women and pleasure seekers into

Nothing seems to burn into the memory and heart of a child as an undeserved punishment, however triffing the matter may seem to the adult inflicter. In some children of the sunny, hopeful type the wave of indignation and helpless, unspoken protest against unjust correction passes away, and leaves apparently no trace. To other children, with more sensitive natures or more rebellious dispositions, unjust words of reproof kindle fires of rage, which smoul-der with sullen persistence under the ashes of seeming forgetfulness, ready to burst out violently and unexpectedly. If this seems an overdrawn picture one has only to think backward at one's own chilish days, and to recall the time when careless treatment by an elder first taught us to be bitter, unforgiving, re-

A child's sense of justice is as keen as his heart is tender, and this is one of the qualities most necessary to a noble character; a quality that must be blended with truth and honor and self-sacrifice to give the right balance to dispositions which would otherwise work harm. A child's justice is always tempered with mercy to those he loves, and when in the home he is justly and tenderly dealt with he learns little by little that higher sense of justice toward all with whom he comes in context. he comes in contact. When his own small rights are carelessly and continu-ally thrust aside, he, too, learns to play the brigand, to invent devices to achieve the might which he has learned makes right.—Harper's Bazar.

Early in the Mesozoic Epoch.

Early in the mesozoic epoch there appeared marine reptiles which, though derived from land species, became more and more aquatic through the necessity of living in water, developed on that account swimming organs, etc. Land reptiles also began to develope in huge proportions.

Why they grew so big no one knows, Why they grew so big no one knows, but it may have been because they had no rivals in the struggle for existence; they had all they wanted to eat and naturally increased in bulk. At all events no creatures are known to have existed in this world comparable in size to these reptiles of ages ago. - Interview in Wash-

The records say that there were in all 130,711 regulars and 164,080 volunteers, or 294,791 soldiers in the aggregate, on the American side in the war for independence. The figures as to the number of sailors in that struggle vary within a

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Wood Dealers Attention!

SEALED PROPOSALS WILL BE RECEIVED at my office in The Dalles, until Monday, July 8th, at 7:39 p. m., for 53 cords of good, dry oak wood and 15 cords of good, dry, fir wood to be delivered during the month of July at the several school houses in School District No. 12, Wasco county, Oregon.

By order of the directors.

J. M. HUNTINGTON, 155-12

\$20 REWARD.

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Best Apple Cider. If you want a good lunch, give me a call. Open all Night

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ish complete. They are also taught to cut the seamless waist, dartless basque, French bias darts and most every form of sleeve. In the dressmaking department I keep only competent help.

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H. Glenn has removed his office and the office of the Electric Light Co. to 72 Washington St.

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