Farmer, Stockman and Dairyman S.H.S. "THE TATTLER"

bushels as compared with 56.4 bushels wet and long. deep. At the Missouri Experiment ground, without a nurse crop, a good lows: Station corn cultivated deep, four cutting of hay may be expected the 1. Increases its fertility by the to noted it down to go in the News, because of influenza in the family. 66.9 bushels where the four cultiva- weedy it is better to seed with a light it acquires. tions were shallow. At the Indiana seeding of oats which may be cut Experiment Station corn cultivated 2 for hay. In this case, too, a cutting pacity, inches deep yielded 53.5 bushels of clover hay may be expected the against a yield of 50.8 bushels where same season. against 66.7 bushels for deep cultiva- when the land dries tivation should be as shallow as possi- in the year following seeding. ring is more permissable the first time clover with timothy, with orchard than later. For the highest yield, cul- grass, or with redtop. When seeded tivation should never be deep enough alone the stems lie on the ground and to injure the roots. The purpose of make a mat that is difficult to cut. the roots is to get plant food and The grass serves to hold the clover moisture and as a general rule, plants up and thus makes cutting easier. The develop no more roots than are neces- mixture is also more readily cured. sary for this purpose. It must be re- A good mixture for such purpose is membered too that the plow stratum alsike 5 pounds and timothy 4 pounds is the richest part of the soil and that per acre; or, alsike 5 pounds and orchthe roots will naturally develop, where ard grass 10 pounds. Such mixtures there is the largest supply of plant will usually provide sufficient grass food. Three-fourths of the roots of the to hold the clover up. If more grass corn plant are developed in the plowed is wanted the amount of grass seeded soil."

The number of times that corn should be cultivated is also a question Suggestions in Butter Makingoften asked. Of course this will depend largely upon how well the weeds much about as being present in dairy are kept down. The Ohio Experiment products are in a sense modern, and I Station found that after the corn had surpose that our ancestors back from been cultivated 5 times, 3 extra culti- the beginning of time to the present vations extending into August in generation made good, bad and indifcreased the yield, as an average of two ferent butter and cheese without ever years, 3.4 bushels per acre. The being informed of the fact that their amount of rainfall during the late sum. products contained any form of life. mer will also have something to do However, if an examination were the increase was 5.5 bushels.

The Illinois Experiment Station combined with low temperature. found as an average of 5 years that In many respects we today have so vation, 12 to 14 times, yielded only turning out poor butter. 72.8 bushels, a difference of 21/2 bushdetriment.

depth of 4 inches, thus cutting the the length of time required to bring roots to that depth. Where shallow butter. stead of by shallow cultivation the vor and certainly make it off color.

cultural Adviser, Kane County, Ill.

Value of Alsike Clover-

The short red clover seed crop and warmed. the resulting high values will undoubtues are extremely high the demand color. for alsike shows an increase. The able with the farmer-buyer.

men should be prepared to supply a little colder each time. their farmer patrons with facts regarding alsike, its uses and methods Value of Green Manureof seeding, when farmers make in- It is a well-established fact that the quiry o nthe subject.

clover, but is adaptable for use under ficiency may be overcome to a certain certain conditions, and when these extent by any of the three common conditions exist alsike is a profitable methods of adding organic matter to crop. Alsike makes an excellent feed the soil, which are as follows: (a) By for dairy cows. When properly cured green manure and crop residues; (b) the hay is bright colored and sweet, by accumulating in pasturing; (c) by The plant being smooth, the hay is applications of farm manures. less dusty than red clover hay.

cessfully grown the farmer should not ticed. It consists mainly in the grow- and vicinity reads the News.

Many experiments have been con- ever, land is sour and lime cannot be while it is green and succulent as it ducted in cultivating corn at different applied, or where land is wet and al- decomposes most readily at that stage, news, had to cut out a considerable depths. These experiments all agree faifa and red clover do not do well, Leguminous crops, such as alfalfa, portion of it. "It was goosy," she the more shallow corn can be culti- alsike may be seeded in the spring clover, field peas and vetches, are said, looking down at her hands, vated, provided the weeds can be de with good promise of success. Where usually recommended for green ma which were closing and opening stroyed, the larger will be the yield, seeded on worn or sour upland with nures. They have the special power rather suggestively. As an average of 9 years' work at the a grain nurse crop, there will, of of obtaining their nitrogen from the The Freshmen delighted particularly is to-be given by the home talent soon, several Fresh. Explanation wanted: Ohio Experiment Station corn culti- course, be no cutting the same sea- air through the agency of bacteria in- in tattling on each other. If Miss vated 114 inches deep yielded 60.4 con, unless the season be unusually habiting the tubercules on the roots. Freshman had too much candy, every ably

the cultivation was 3 inches deep. At On bottom lands alsike succeeds, the Illinois Experiment Station shall as it will endure an occasional spell soil to the surface soil. low cultivation yielded 70.3 bushels under water and still make a hay crop

Commenting on the depth to | As a rule alsike makes but one cutwhich-corn should be cultivated, the ting, but where the land is rich and Illinois Experiment Station says, "Cul- moist two cuttings may be secured

ble at all times, although deeper stir- It is a good plan to seed alsike should be increased.

The organisms we read so much

with the increase from late cultiva. made of the methods employed when tions. In 1913 with a rainfall for July a good product resulted it would be of 4.07 inches the increase was only found that the conditions were such 1.4 bushels per acre, but in 1914 with that the growth of only the right kind a rainfall of only 1.23 inches for July of organism was favored, which conditions were supplied by cleanliness

shallow cultivation. 4 or 5 times, yield. many advantages_over the old-timer ed 70.3 bushels, while shallow culti- that there is really no excuse for

But it is not germs that I started to els for the extra 8 or 9 cultivations. Write about so much as to make a few It was also found that deep cultiva. suggestions or point out some pitfalls tion, 4 or 5 times, yielded 66.7 bushels, into which the butter-maker is liable while deep cultivation, 12 to 14 times, to drop. The first suggestion I would yielded 64.5 bushels. The extra deep make is, be careful about the method in the temperature of your products. meals, heavy substitution of other walking on nettles. These, however, Alberta Parvin frankly admitted in Another experiment carried on at I have in more than one instance ob- cereals and by sacrifice at almost are only a few of the things he has to English VIII that she did not know the same time was the pruning of the served a butter-maker, who wished to roots of the corn at a distance of warm up the cream a few degrees and about 6 inches from the hill. This who desired to do it quickly, pour in was accomplished by placing a frame a pint or possibly a quart of scalding 12 inches square over the hill and run- water. This raised the temperature ning a knife around the outside to a all right, and possibly materially cut

cultivation was practiced this pruning However, what was the effect of this resulted in a decrease of 12.5 bushels proceeding on the quality or character per acre, but where the weeds were of the butter? It was to simply ruin removed by scraping with a hoe in- the grain and possibly destroy the fla-

If cream has been kept in quarters To sum up, it might be said that the that are too cool and it is desired to proper type of cultivation is deep warm it up a little there is no better enough to kill the weeds, but shallow plan than placing a vessel containing year's figures will be bettered. enough to reduce root injury to the the cream in another so that it may minimum. On Illinois soils a good be surrounded with warm water. This seed-bed, killing of weeds, and the en. does not mean hot water, because you richment are the important factors in are then art to make the very misgrowing corn .- J. E. Readhimer, Agri- take that is described above. These things must be done gradually, and so much the better if the cream can be stirred occasionally while it is being

Another common mistake is that of edly cause many farmers to turn to putting ice cold water on the granular other leguminous crops for forage and butter just as soon as the buttermilk soil improvement purposes. Alsike has been removed. The result of this clover may be used in place of red practice is to make a product that is 4 clover, under certain conditions, and entirely too dry, while at the same 4 the experience of seedsmen has been time it in some cases brings about a that in seasons when clover seed val. streaked condition in the matter of

The first water added to butter after fact that a pound of alsike contains the buttermilk has been removed approximately twice as many seeds as should not be too cold. However, in a pound of red clover and therefore warm weather it is generally neces the amount required per acre is cor. sary to get the water as could as nos respondingly less counts for consider. sible before finishing up the washing in order that the product may be firm. In view of these conditions seeds. This can be done by making the water

soils of the arid regions are as a rule Alsike is not a substitute for red deficient in organic matter. This de-

Of the methods mentioned, the first freedom. Where clover or alfalfa can be suc- is the most important and least prac-

abandon these crops. Where, how- ing of a crop which is plowed under

where the cultivation was 4 inches But when seeded on low damp green manures to the soil are as fol. Freshman had Miss Freshman's ring

times, yielded 53.5 bushels as against same season. Where the land is large amount of organic matter which But, then, everybody was a Frosh 2. Increases its water-holding ca-

KEPT PLEDGE TO SEND BREAD

American Nation Maintained Allied Loaf Through Self-Denial at Home Table.

Since the advent of the latest wheat crop the only limitation upon American exports to Europe hus been the shortage of shipping. Between July 1 and October 10 we shipped 65,980,305 bushels. If this rate should continue until the end of the fiscal your we will have furnished the Allies with more than 237,500,000 bushels of wheat and flour in terms of wheat.

The result of increased production and conservation efforts in the United States has been that with the cessation of hostilities we are able to return to a normal wheat diet. Supplies that have accumulated in Australia. Argentine and other hitherto inacces sible markets may be tapped by shiprreleased from transport service, and European demand for American wheat probably will not exceed our normal surplus. There is wheat enough available to have a white loa! at the com-

mon table. But last year the tale was different. Only by the greatest possible saving and sacrifice were we able to keep a ing across the sea. We found ourselves at the beginning of the harvest year with an unusually short crop. Even the most optimistic statisticians figured that we had a bare surplus of 20,000,000 bushels. And yet Europe was facing the probability of a bread famine—and in Europe bread is by far the most important article in the diet.

All of this surplus had left the country early in the fall. By the first of the year we had managed to ship a little more than 50,000,000 bushels by practicing the utmost economy at home-by wheatless days, wheatless every meal throughout the country.

In January the late Lord Rhondda, then British Food Controller, cabled that only if we sent an additional 75. 000,000 bushels before July I could be take the responsibility of assuring his people that they would be fed.

The response of the American peo ple was 85,000,000 bushels safely delivered overseas between January 1 and July 1. Out of a harvest which gave us only 20,000,000 bushels surplus we actually shipped 141,000 000 bushels.

Thus did America fulfill her pledge that the Allied bread rations could be maintained, and aiready the American people are demonstrating that, with awakened war conscience, last

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Our exports since 's country entered the war liave justified a statement made by the Food Ad- 4 ministration shortly after its con- 4 ception, outlining the principles + and policies that would govern + the solution of this country's + food problems,

"The whole foundation of democracy," declared the Food Administration, "lies in the individual initiative of its people and their willingness to serve the 4 interests of the nation with com- 4 plete self effacement in the time 4 of emergency, Democracy can 4 yield to discipline, and we can + solve this food problem for our 4 own people and for the Ailles in 4 this way. To have done so will 4 have been a greater service than 4 our immediate objective, for we + have demonstrated the rightful- 4 ness of our faith and our ability + vet. to defend ourselves without be-+ ing Prussianized."

GREATEST OPPORTUNITY WOMEN EVER HAD.

It was given to the women of this country to perform the greatest service in the winning of the war vouchsafed to any women in the history of the wars of the world-to feed the warriors and the war sufferers, the arts of peace, the practice of simple, homely virtues the womanhood of a whole nation served humanity in its profoundest struggle for peace and

The characteristic advantages of Mr. Freshman told about it. If Mr. every girl except the one it belonged once.

The Sophomores were in a later Idaho, is here visiting friends. stage in the same epidemic of calf-3. Utilizes soluble plant food that love. The word "Sophomore" means, from school the past week on account Prosh girls. A certain young, innowould otherwise escape from the soil. from derivation, "One who confuses of her elster having the influenza. cent youth who delights in buying 4. Brings plant food from the lower by such talking." The name was not misapplied. Favorite adjectives were begun studying the text-book, "How mates, is making things hum around "dear," "lovely," "darling," "cute."

> of physical defects, chiefly temporary compelled to explain sentences to Whenever his mama gives this little, "Junior" means one who them, hasn's grown up yet.

The Seniors combined the goodness of all of them. Belfeving themselves grown up, they joke about each other's love affairs, but never about their own. As proof of this, we offer the following statistics: Out of a stack to give offense to anyone, exactly one thousand, three hundred and thirtyfive words. She did this, we suppose, by a process of elimination, that is, taking the first word in the first Item. the second word in the second item, and so on.

Do you think George Creel ever thought of that plan?

TRIALS OF A FROSH

On the first day of school he stands mam." around just outside the door and The Senior President, Clarence Kes- down stairs. No serious damage rewaits because he is afraid to go in. ter, and Miss Sylvia Strubin, were ab isulted to the stairway, however, The teacher happens to see him and sent from school Friday morning. immediately orders him to enter. With a shiver and a wild look in his Cox & Cox store: Miss Lindsey, Fern ment at the Bell Theatre. eyes he tremblingly follows and Travis, Myrtle and Bertha Lindley drops, ready to faint into the seat she playing with the dolls. They had bet indicates. He has a wild impulse to ter bring a few to school for our unjump up and rush out of the open door, ruly Frosh. but this plan is thwarted by the pro- Miss Mabel McPherson became fessor, who enters, closing the door frightened Tuesday when a poor. behind him, and soon as the noise sub- harmless, little bug crossed her shoulsteady stream of wheat and flour mov. sides begins in very startling tones the der hunting for shelter from the noisy carefully studied lecture which almost school room. Such a scream! frightens the poor Freshman into The school was entertained by the spasms. It is with difficulty that he Canine Orchestra Wednesday foreprevents an entire collapse, and when noon, consequently Mr. Roth is thinkat last the lecture is over he draws ing of going into the butcher business. a faint sigh of relief. Hardly daring If he does, we'll probably have a to breathe, he sits as still as possible weenle roast. with quivering nerves and pounding | Candice Dillard and Louis Gibbs heart. Next he is dismissed and with were absent Thursday from school. a relieved feeling in his heart he They have not as yet recuperated from makes a botd dash for the door, ter the recent attack of the High School minating in the middle of a bunch of epidemic which was a most delightful upperclassmen as though he were English quiz after 3:15 Wednesday. endure while he is being whirled along anything. We are afraid we will miss in his subjects at such a rapid pace one of our diligent students from our that it almost takes his breath away, beloved English class one of these No wonder he is stupid and falls when cold days. She may even forget to he is always being plunged headfirst bring herself up those beautiful old into some new mystery.

MILITARY NOTES

Dell Hinson, a graduate of S. H. S. is now in the front line following the retreating Germans, his company now occupying Luxemburg.

Carl S. Senseny is now with the 18th Field Artillery in a auto shop. Word was received from him that the war sure looked like it was over. The letter was written on the 10th of November, one day before the armistice had been signed.

Claude V. Signor, an old High School student, arrived in Springfield after a serious illness at Fort Stevens. He enlisted in the Coast Artillery and has worked himself up to the position of a first lieutenant. Clarence Fandrem of Troop H, First

Artillery, is still on the Mexican border, but expects to be demobilized by Christmas.

Word has been received by Margaret Tomseth that her brother, who is "over there," is among the ones who are to be sent home soon.

Word has been received that Lieutenant Lloyd McKay, a former High School student, will soon be home on a furlough. He writes that he will be glad to see all his friends in the H. S. S., but will not stay, as he is going to remain in the army for several years

SOCIAL

The Bachelor Hall on E street, owned by the Lindley girls and their brother, gave a jolly good time to some High School girls who dropped in last Tuesday evening. Although there was but one boy present, the five girls did not let him feel bashful or embarrassed.

Owing to the fact that we are unable to secure a suitable hall to play basket ball in, the young blood of Springfield High School have become restless and are starving for some Chambers Hdw. Co., Eugene, Ore. form of amusement, so a dance club J. W. Quackenbush & Son, Eugene, Nearly everybody in Springfield is now under way. It is gaining head- Oregon way at an remarkable pace, and we ex Thompson Hdw, Co., Eugene, Ore.

Miss Lindsey, in censoring the within the walls of our dear old knowl- been keeping too late hours and she edge box within a short time.

PERSONALS

They have done the work very credit. Why lower the dignity of the upper-

Mary Fountain was absent from

school Thursday.

Miss Flora Richardson, a former an excuse to give the teachers. student of S. H. S., who resides in

Miss Carry Ditto has been absent The Teachers' Training Class have candy for a number of dainty class-

to Teach," which they find very inter- our dear old halls of knowledge by The Juniors were very observant esting. Often Mr. Baker has been being the great center of attraction.

> has been absent from school this week. much needed by the poor little Frosh, Miss Pearl Plank, daughter of Mrs. he always runs down to Eggimann's Plank, an instructor in the High Candy Kitchen in search of a most School, vis!ted the various classes beautiful box of bon-bons. We, the Wednesday ..

of items a foot high (more or less) High School, has been ill for the past suckers so as to save the money Miss Lindsey selected those not likely week, but we are glad to report that given him by his mother. she is much better.

> Mr. Baker discussed the subject of the influenza during the singing hour come?" "In No-Man's Land." Thursday morning. He stated that there were new cases of influenza breaking out and told the students to take more precautionns so as to keep was asked "What U. S. N. A. on his the school from closing.

JOKES

Miss Lindsay to a Freshman: "Do A Freshman's trials are numerous. You know anything?" Freshman: "No was very much disturbed by Sylvia

rickety stairs. The other day Wallace Halsay had his pockets full of candy. He didn't know Miss Williams was such a good hand at locating sweet things.

Miss Ona McKay was late for school Thursday morning. She won't tell

TROUBLES OF THE CENSOR | pect to have a crew of fancy steppers her excuse, but we all know she has needs her sleep, so the result was

"late for school." Maud Gorrie, one of our quiet and The Stenography III Class was dignified Seniors, was seen promenadcalled upon to type the play which ing on the boulevard in company with

classmen by such actions? The Misses Louise Triplett and Sybil Westfall were tardy at school Gladys Edwards is absent this week Thursday morning. Not having a Ford but a real car, they are at a loss for

Since the advent or our "Kandy Kid" there is much rivalry among the innocent, triffing money with which to Helen Myers of the Freshman class buy school supplies that are usually upper classmen, think it would be Ethelyn Nicholson, a student of the much better if he would buy all-day

"Say, Pat, where is the Kaiser wel-

"What has the Italian boot proven?" "That it has a kick."

A nigger coming home on a furlough arm meant?" He said it meant "Uncle Sam's Nigger Army."

Strubin, most noble Soph, tumbling

The peaceful class of English V

One of the Senior boys was late Seen in the toy department of the Thursday morning. Too much excite-

> A DESCRIPTION OF SPRINGFIELD The lofty hills o'er hung by clouds, Ravined by many a stream, Encircle deep a valley in which

winding river found its source Thru hills and o'er the sand, It adds much beauty to the town And lends a helping hand.

A little town is seen

The mills of lumber, and of flour, Are busy all day long; They never tire of work or toil, But hum their merry song.

The train go creeping thru the town, And far above their backs The smoke like loosened tresses floats, And circles o'er the track.

State of Ohio, City of Toledo, | 188.

Lucas County.

Frank J. Cheney makes oath that he is senior partner of the firm of F. J. Cheney & Co., doing business in the City of Toledo, County and State aforesald, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of Catarrh that cannot be cured by the use of HALL'S CATARRH CURE.

FRANK J. CHENEY.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.

(Seat)

A. W. GLEASON,

A. D. 1886.
(Seal)

A. W. GLEASON,
Notary Public.
Hall's Catarrh Cure is taken internally
and acts directly upon the blood and mucous surfaces of the system. Send for
testimonials, free.

"J. CHENEY & CO., Toledo, J.
Sold by all Drungista, Tic.
Take Hall's Family Pilis for constipation.



PERFECTION A. H. SPRAGUE, Special Agt., Standaro Oil Co., Eugene, Oregon

Monree Hardware Company, Eugene, Oregon.

Ax Billy Department Store, Eugene, Oregon.