

STALEY NEWS

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April 1, 1941

1941 Model Gardens Now ON Display

(F.O.B. Staley Garden Plot—No Charge)

By H. A. Peverly—Garden
Superintendent

It's gardening time and more than half of the 375 Staley gardens in the big plots east of the office building have already been reserved by eager gentlemen whose seed catalogues are dog eared from much thumbing. The others are waiting for you to start digging and planting.

There are many things to be gained from the gardens besides the large supply of vegetables that will decorate your table but not your grocery bill.



There is health in gardening. Exercise in the open air will build muscles, aid digestion and relax your nerves. There is something close to God

in growing things and the feeling you'll get in watching the seeds you've planted break through the ground and grow into tomatoes and beans and corn is one you can't find anywhere else.

There is friendliness in gardening. You'll find that you can't resist telling the other fellow why you had such good luck with your potatoes and you'll want to know how he got rid of the cabbage worms and produced such large firm heads.

A garden is a good investment any time but is especially good this year. For a few cents worth of seed and a good many hours of pleasant work you'll have fresh garden produce that would cost many dollars at the store. Now that we are faced with the certainty that the war is going to take money out of our pockets and the uncertainty as to what will happen to prices a garden seems more desirable than ever before.

The young man who is just starting to provide for a family and finding it more expensive than he had thought should be especially interested. Here is a start in thrift and on the road to independence.

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"What May Be and What Can

Be" was the subject on which Mr. F. Eakin, our Comptroller, talked to the Staley Foreman's Club on March 17th at the Club House. He said many things but the heart of his talk was this:

During 1940 45 million Americans worked 45 million man years at the rate of 40 hours a week and 70% efficiency. We produced goods and services which we valued at \$75 billion. These were the things which 132 million of us had for living. The average worker's income was \$1666. The average amount which each consumer had to spend was \$568. That is history but—it *may* be repeated with slightly varying figures.

What *can* be, if all of us desire it strongly enough, is something like this. 53 million of us can work 53 million man years at the rate of 48 hours a week and 90% efficiency. If we do we will produce goods and services worth about \$136 billion. That would raise the average worker's income to \$2566. and provide the average consumer with \$1030. to spend. It would mean more abundant living for all of us and that our spending for defense would not result in a reduction of living standards. As a matter of fact we might spend \$36 billion for war (more than we have dreamed of thus far) and still enjoy a 25% increase in living standards. That *can* be—but only if all of us are willing to work harder, longer, more intently. The choice is one for the whole people.

Calling All Musicians



The Staley Band is in need of more musicians. Specifically, we need two trombonists, a bass drummer, a snare drummer, three alto horners, two saxophonists and three clarinetists to add to the twenty pieces we already have. If your musical talents lean in any of these directions see Henry Sims in the Millwright Shop or at 430 S. 23rd. St. Phone number 2-7425.

New Joint Stock Account Agreement for Staley Credit Union Members

In the December 15, 1939 issue of the Staley News there was an article by Luther Hiser explaining the new "Joint Stock Account Agreement" available to members of our Credit Union.

The article pointed out that the advantage of such an agreement was that it allowed the Credit Union, in case of the death of a member, to promptly pay any funds owing to him (or her) to his (or her) wife (or husband). It would no longer be necessary to await the settlement of the estate and the issuance of a court order releasing the funds. In many cases this would prevent inconvenience and financial distress.

But only about 20% of the Credit Union membership has taken advantage of this extra service feature thus far. The Board of Directors, casting about for the cause of this hesitancy on the part of the membership, felt that some members had feared that, under certain family conditions, it would be possible for the wife or husband of a member to withdraw Credit Union funds without the knowledge of the member partner to the agreement.

New Agreement Form

To eliminate any fear of this possibility the Board of Directors has revised its agreement form to read as follows:

Joint Stock Account Agreement



"The undersigned hereby apply for the issuance of shares to them jointly with the right of survivorship in the Staley Credit Union, and, in consideration of the approval of this application by the said credit union, do hereby agree each with the other and with the said credit union, that all sums now paid on shares or hereafter paid thereon, and all dividends therefrom shall be owned by us jointly with the right of survivorship, and in the event of the death of either of us the said credit union shall be liable

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More About Credit Union

thereon only to the survivor and while both of us are living payment to either shall discharge any liability of said credit union to both of us.

It is further agreed each with the other and with the said credit union that while both or all of us are living, *no demand for payment of such sums need to be recognized by said credit union as a legal demand for payment unless such demand be in writing and signed by the one of us who is a member of said credit union as described in the By-Laws of the said credit union.* Payment to any one of us by said credit union shall be in full and complete discharge of the liability of said credit union to all or either of us, and shall be a bar to any action by either of us against the said credit union." Dated:

Signed: _____

Signed: _____

Note that the italicized portion of the above form completely protects the interests of the member partner to the agreement and, at the same time, retains all of the desirable features of the original joint account form.

For the protection and convenience of your family you will do well to complete this form and place it on file in the Credit Union office. Forms and further information are available there.

**THE
BULLETIN
BOARD**



More About Gardens

If you are interested you had better put your bid in quickly. More gardens are already reserved than had been spoken for at the same time last year and the supply won't last forever.

I will be at my desk in the office building from 3:00 P.M. to 4:30 P.M. every day except Saturdays and Sundays and at other times of day you will usually be able to find me at the hot beds or in the garden office east of the office building.

Get a Staley garden this year. It will pay you in many ways.

Handicraft Club Meeting

Harrison Blades, President of the Handicraft Club, has announced that the club will hold its annual meeting for the purpose of electing officers for the coming year at the Handicraft Club shop in the 2100 block E. Eldorado on Friday April 4, 1941 at 7:30 P.M. All members are urged to make an especial effort to be present because many matters which will decide the conduct of the club's affairs during the coming year will be discussed. Remember—Friday at 7:30 P.M.—at the Club's shop.

Notes On American Industry

A study which was recently made of the American machine tool industry—whose production is absolutely vital to national defense progress—has revealed the possibility of a total production of \$750,000,000 output for the present year, though present orders total but \$423,000,000.

Research has now developed a new process by which wood, in a manner similar to industrial plastics, can be heated and then shaped to any desired form.

Today's electric washing machine, compared to the one manufactured 25 years ago, costs only about one-third as much in terms of the work needed to earn it.

"The only way to increase our national income is to so utilize our national resources that we produce more goods." — Prof. Howard T. Lewis.



By Harold Wilbur

When we read of a person saving a life in dramatic fashion from fire or drowning, every one of us envies the man who did it. What a wonderful feeling to meet a man on the street and have the satisfaction of knowing that he would not be here and that his family would have no means of support if it were not for something that you had done. What brighter glow of real satisfaction could there be for anyone?

It has been said that life is a battle for respect. We want things and we want our families to have them not only because of the enjoyment they give but also because we are proud to have others see them. This quest for respect motivates more of our thoughts and actions than we realize.

So—how do we best get that satisfaction? It may be that spreading a few cinders on an icy step, picking up a board with a protruding nail, moving a ladder from a place where it might fall, picking up a broom or shovel that someone may trip on, a suggestion to a buddy as to lifting a load, a few minutes cleaning out a dusty spot which the inspector may miss but which may still be a hazard, a diplomatic word to the man not wearing goggles when he should, the suggestion that some reluctant man go to First Aid with a scratch, the suggestion to the proper party of a guard where one may have been overlooked, the right dose of a little razzberry to the man who is walking across tracks without paying proper attention—and on and on and on without end—any one of these things may have saved a life without it being realized by you or the recipient of your favor.

Maybe we are not our brother's keepers but we spend more of our waking hours in contact with each other than we do with our families. If we use our heads in every move and help the fellow next to us do the same thing—possibly we have saved a life. Did YOU ever save a life? I HOPESO.

SAFETY PAYS

Published Monthly
By The Personnel Department
For The Employees of
THE A. E. STALEY
MANUFACTURING COMPANY
DECATUR, ILLINOIS
W. G. Reynolds, Manager of Personnel
Roy Rollins, Editor

FELLOWSHIP CLUB NOTES

By Dan Dayton, Secretary

At its meeting on February 20, 1941 the Board of Governors of the Fellowship Club listened to a presentation of a monthly Treasurer's report showing a net loss of \$1,811.82 for the first nine months of the fiscal year.

It also passed a motion requiring members to go to the office of the Club's business manager and personally sign their reservations for use of the Club House within 48 hours after they have made a request for such reservation. If members fail to do so the Club House reservation will not be held for them.

At its meeting on March 20, 1941 the Board requested that the Handicraft Club instruct its members that tools and equipment belonging to the club not be borrowed for use outside the shop and that any tools which are now out should be returned.

The monthly Treasurer's report showed a net loss of \$2,364.05 for the first ten months of the fiscal year. This loss was largely due to the fact that sickness benefits, for which \$17,000.00 had been appropriated in the annual budget, ran to \$18,820.35 for the first ten months. The net loss for the whole year may run to an even greater figure.

The Old Timer's Party was tentatively set for April 7th at the Clubhouse. If the date is changed everyone interested will be notified. A real program of entertainment is being planned.



**A NEW MAN MAY BE
GREEN BUT DON'T LET
HIM STAY THAT WAY!**



Here is a two burner coal oil heater for sale for \$5.00. Also a girl's Elgin bicycle with lights and extra equipment for \$18.00. Call 2-5938 for details.

Excavating, grading, lawn seeding, spring plowing (fall plowing in season) and trucking. Very very reasonable rates to Staley employees. Call Henry Buckley at 2-8416.

Two new single panel unfinished inside doors complete with hardware at reasonable prices. Sizes 2'4"x6'8" and 2'6"x6'8". See Jack Swarthout, Soybean Oil Expeller Room or call 2-5743.

Woodrow Pike, Extra Board, recently lost a white gold 21 Jewel Illinois-Bunn Special Rail Road watch (size 16) in the Welfare House. He prized it very highly because it was left to him by his father. If you can help him find it he'll be very appreciative.



When we last reported to you the state of affairs with our basketball team was not happy. We tried to find some consolation for our nine lost and five won record by saying that we were due for an off year and you can't win them all anyhow.

At this point, however, apologies are out. Since January 27th our brave boys have won 14 straight games and we are beginning to wonder why everyone thought Centralia was so tough. The 14 wins were good enough to take the last half championship of the Industrial League and a play off with Oakes is next on the program. The winner of that play off meets the Commercial League champion for the city title (which we can use very nicely).

The history of our upsurge goes like this:

We won over M. V. S. S. 57-33 Cox scored 19 points and Rusk 14. Sullivan 40-32 Cox scored 19 points and M. Smith 6.

Taylorville 41-40 Cox and Rusk each got 11 points.

Tenney's 41-37 Cox and Cozad each got 14 points.

Walker Culverts 68-45 Cox got 25 and Cozad 12 points.

Taylorville 49-38 Cox got 14 and Page 12.

Muellers 59-37 Cox making 16 and Cozad 13.

Blakeney & Plum 49-34 Rusk up there with 18 points, Cox with 16.

Still at it A.D.M.C. 54-34 Cox 22 and Cozad 11.

Tom's Grill 53-32 Cozad 21 and Rusk 10.

American Maize 43-32 Cox 15 and Cozad 14 (This is the hump we've been trying to get over for years.)

3rd. U. B. Seniors 58-46 Cox 29 points and Rusk 10.

I.I.P. 46-35 Rusk 18 points and Cox 11.

Tom's Grill 65-32 Cox 32 points only—Withrow 9.

Still at it Oakes 34-29 Cozad 14 and Cox 10 (very poor).

Next issue we'll give you the final results and some tabulations on individual scoring.



Our Soybean Meal Pellets are just that shape because:

A good pellet must be cylindrical in shape to prevent rubbing of sharp corners. A square pellet with sharp corners will cause a considerable amount of "fines" or meal in a product which is a loss when fed on the ground. All four types of pellets made by the Staley Company are cylindrical in shape and will not produce fines or meal by rubbing. There is no loss by feeding Staley's pellets on the ground.

A good pellet necessarily must have a hard outside coat or wall to prevent breaking and to prevent the pellet from dissolving when fed on the wet ground or snow. Staley's pellets do have a hard outside coat that is resistant to water and weather, however, when the animal in chewing cracks this outside coat, the pellet chews up very easily because of its granular structure.

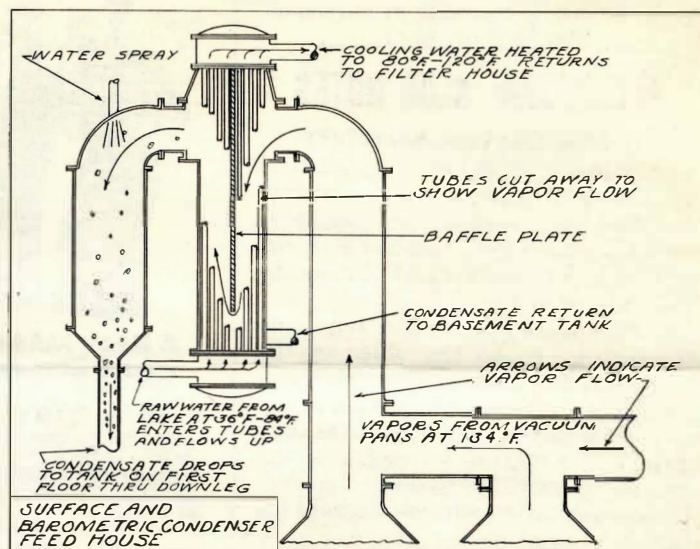
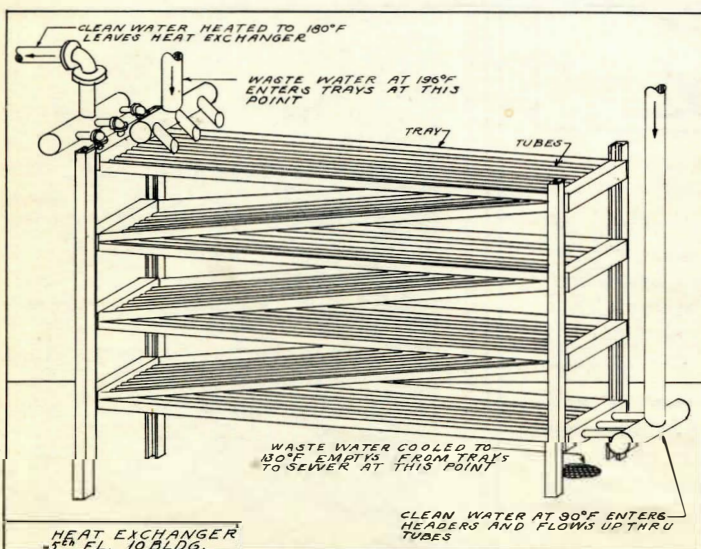
We Save Coal by Cooling the Sewer

Building a boiler for half the usual construction cost sounds like a good proposition. Building one which has no moving parts other than a few valves and on which maintenance charges will be a sixteenth of the average amount sounds even better. If you add that there is no danger of its blowing up and that it requires no fuel and no operator—well, that's too good and I wouldn't believe it either.

But, measured in terms of the results we'll get, that is just about what we did when we built the new heat exchanger in the Refinery. Heat costs money. When it goes into the sewer money is wasted. The use of heat exchangers is one of the ways in which we reduce that waste.

The heat exchanger, as we use it, is employed whenever we have hot dirty water which would ordinarily go into the sewer (carrying its costly heat with it) and a supply of cold clean water which must be heated before it can be used. The two can't be mixed because the clean water would be contaminated but you can run one of them through a tube and the other around it and the heat will go from one to the other through the surface of the tube. That, by the way, is why the heat exchanger on the roof of the Feed House is called a "surface" condenser. That surface condenser, installed in 1928, was our first heat exchanger. Its operation is the essence of simplicity.

Water vapor (steam) boiled off the vacuum pans must be condensed and drained to the sewer (Staley News 12-1-40) but why not make it give up its heat first? To do that we lead it into a steam chest where it surrounds tubes containing cold water pumped from the lake. The cold water soaks up its heat and changes it into condensate (water) which is returned to the lake. The warmed raw water goes



to the Filter House for treatment. Note that the cut shows a regular barometric condenser next to the surface condenser. Its job is to condense any steam which spills over from the surface condenser. Naturally, it has more to do in summer than in winter because water from the lake is warmer then, will soak up less heat in the surface condenser and spills more vapor over into the barometric condenser.

Other heat exchangers in the plant are the feed water heater in the basement of the Boiler Room, which gets its heat from the continuous blow down system, and the new one in the Refinery.

The new installation in the Refinery gets its heat from water which has been used to wash out the Bone Black Filters and preheats (approximately enough) the clean water which is to be used for washing the next filters. The principle upon which it works is exactly the same as for the surface condenser. Its different type of construction is due to the fact that the waste water coming from the filters contains material which will collect on the tubes and, in time, cut down the amount of heat which can be transferred through their walls. With the open tray type of construction the tubes can easily be cleaned without taking the whole thing apart.

Without heat exchangers we would be pouring valuable heat into the sewer where it benefits no one. With them we turn a possible waste into a saving and actually reduce the amount of coal we burn. This is the kind of thing, multiplied many times and in many different forms, which makes it possible for us to produce products at competitive prices.