DAIRY BARN WITH CONCRETE WALLS

Most Dairy Farmers Favor Concrete Basement as Best for Modern Stable.

GIVES YEAR-ROUND COMFORT

Standard Width of 36 Feet Has Been Adopted-Building Is as Near Air-Tight as Possible, and Ventilating System Admits Plenty of Fresh Air.

By WILLIAM A. RADFORD.

Mr William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to the subject of building work on the farm, for the readers of this paper. On account of his wide experience as Editor, Author and Manufacturer, he is, without doubt, the highest authority on all these subjects. Address all inquiries to William A. Radford, No. 1827 Prairie avenue, Chicago, Ill., and only inclose two-cent stamp for reply.

Most dairy farmers feel that a conon all four sides, there is no objection cient light and ventilation.

in the manner of building dairy stables. The first concrete or stone were given. A hillside afforded good days and encouraged when the air is Evers out of the line-up a great part palm. drainage. A bank cellar basement is still. There are a number of ven- of the season the Braves have walwarm in winter and cool in summer. tilator hoods that attend to the regu- lowed around hopelessly in the pen-The third reason for using a bank was lation of these out-take flues, so that nant chase. With Evers back they to have an easy driveway from the the air in the stable may be kept in high ground into the barn.

At that time it was considered necessary to have a threshing floor. The fresh stable air from the outside. The player can work wonders in a club. threshing machine occupied the floor commonest plan is to take the air in two or three days in the year. It at an opening made two or three feet finally dawned upon farmers that a above the ground, and carry it up threshing floor that is idle three hun- through the outside wall and dis- if the Sox owner did pay this big American league pennant the team dred and sixty days in the year is a charge it into the stable near the cell. amount, as Collins is one of the greatvery expensive provision for two or ing. Another plan is to build special est players who ever shied his castor in a fight.

the stuff into the barn and unload it

Adopting the curb-roof plan of build-

ing rafters in pairs in the form of

self-supporting trusses has resulted in

greater mow space at less expense.

These self-supporting roofs leave the

mow space entirely free from obstruc-

tion for the easy operation of hoisting

machinery. The result is that farm-

ers have found it necessary to put in

tracks and roller-carrying trucks that

work without friction, so that power

filling these great mows in summer

shown in the accompanying perspec-

tive and floor plan, provides both win-

ter and summer comfort for high-

priced dairy cows. It is designed to

dle both feed and manure, to save ex-

The standard width of 36 feet has

been adopted for modern dairy sta-

bles. There may be any length, but

the uniform width of 36 feet has been

room for cows, in addition to alley-

ways that are wide enough to operate

In this plan the lower story is built

entirely of concrete started at a depth

manure carriers and feed carriers.

A modern dairy stable built as

and emptying them in winter.

pensive hand labor.

by hand.

also to get depth sufficient to go be-

Ground to support the floor is very carefully graded and the earth made firm and solid by being thoroughly wetted down with water and pounded into place.

The center supporting piers are arge, wide footings. The columns that upport the weight of the roughage stored overhead rest on these plers, so they require good footings. The floor of the stable is carefully laid out to give the proper incline to the standing stalls, the gutters and the walking floor along the sides of the stable.

The concrete for the floor is carefully mixed with a rough cheap mixture for the lower strata. This is surfaced with a fairly rich water-proofed cement mortar. The surface is made smooth for easy cleaning except where the cows stand and walk. Most dairymen prefer to rough the floor at the back of the cows and the back part of the standing floor next to the gutters. This is done by using a rough surface trowel after the rich cement has been laid with the smoothing trowel. The rough surface is carefully applied so as not to interfere with the true even surface. The obfeet is to make it rough enough to prevent the cows from slipping,

The illustration shows a barn 74 feet in length. There are four ventllating flues to carry off the foul air. crete wall is the best construction for one flue in each corner of the stable. a dairy stable. When it is built en. These flues reach up the sides of the tirely above ground, with light and air | building to the plate, then follow the slant of the roof to the ventilators found necessary to regulate the draft once on the green diamond. Johnny

good condition. There are several ways of supplying three days' threshing. Modern pow- window frames with V-shaped side into the baseball arena. He has been

A299Bx

so the air will follow up the sash and

discharge against the stable ceiling

without spilling at the sides. Both

of these plans have the same object

-that is, to distribute the fresh, cold

air above the cows to prevent a draft

Sometimes the window boxes are

made to drop the sash either in or

out, to regulate the ventilation of the

stable both winter and summer, but

tight. There are times when they

should be closed almost air tight. For

this reason stable windows should be

very carefully made, to shut against

Another plan of taking air into a

stable is by means of a flue in the

bottom of the concrete feed alley. A

cows, so that their nostrils get the

wooden walk protects the flue and

from striking them,

solid stops.

erful hoisting machinery has proved | boxes. The window sash are hinged

much better and cheaper than to haul at the bottom to drop in at the top,

extra good horse forks with improved such windows are difficult to make



MADE VAST IMPROVEMENT IN WHITE SOX

Eddle Collins, White Sox Keystone Star.

seem more like champions. This season we have the White Sox as an illustration of how a good Eddie Collins was purchased by Charley Comiskey at a price said to be \$50,000. It would not be surprising called by Manager John McGraw of on the diamond," and there is none

One ball player can transform a | helpful player to a team than the wonif the stable is provided with suffi- shown above the peak at the ends of team from a mediocre performer into derful Cobb. Ty is the brightest inthe roof. The center ventilator is for a championship combination. That dividual player in baseball without a There has been considerable change the mow. Ventilators have been has been demonstrated more than doubt, but when it comes to all-around usefulness to a team, one who inin the ventilating flues. The wind Evers made the Boston Braves of last spires his team mates with his presbasement stables were built into bill- varies on different days, so that the year into a team of champions, with- ence in the line-up, the White Sox sides. At that time three reasons suction needs to be modified on windy out the least doubt. This year with second baseman must be awarded the

The Sox bear all of the earmarks of champions with Collins in the fold. They have played the fastest ball of any team in the land since the season opened. Their hitting has been wonderful, considering that they have always been looked upon as being weak with the bat. In all other departments they have shown surprising form and if they do not win the that beats them will know it has been

The Boston Red Sox appear to be the only club the Sox need fear. The the Giants "the most valuable player | Tigers have given evidence of slipping back lately. If Jack Barry shows better able to judge of a player's abil- the form he displayed on the Athlet-Ity than the manager of the Glants. Ics in days past the Red Sox will be Collins is credited with being a more | worthy foemen of the White Sox.

HIT BASEBALL POOLS

Success or failure in the efforts now being made to suppress the baseball pools is of vital importance to the professional end of the national pastime. Amateur baseball we shall always have, writes I. E. Sanborn in the Chicago Trib-

Success will mean the elimination of one of the many ills which are sapping the life out of the game. Faflure will mean eventually the elimination of professional baseball from the field of sport to the same extent as running races have been, and

for much the same reasons. From small beginnings, coufined to purely local fields, the baseball pool has grown to national proportions. Unchecked this cancer will attain still greater growth until its tentacles penetrate every nook and corner where baseball is spoken. At the outset when the sums involved in the pools were comparatively small, there was little danger to the game. Whenever big money begins to enter into the proposition there

always is danger. The average American citizen, being perfectly certain that he himself would do almost anything if the price was big enough, naturally believes the promoters and others engaged in baseball would do the same wooden walk protects the flue and lets the air in directly in front of the for a price. And it is only necessary to have the gambling side of a sport mount high first chance at it. Theoretically, this is the proper way to admit fresh air enough in dollars to bring suspicion on the honesty of that

Drop of Perspiration on His Finger

Given as Excuse by Keister for

Missing Fly Ball,

fielder, was playing right garden.

Billy went after him hard when he

surprise of Murray and the rest of the

"Bill. I couldn't help that. I had

just wiped the perspiration off my

forehead when the ball came to me

and a drop of sweat on my finger

caused the ball to slip away from me."

Eastern league about a week later.

Mack Ahead of His Time.

leagues will be doing next year," said

Place for Sisler.

It is hard to tell what Manager

any emergency."

players when Keister replied:

into a well-built cow stable. The main idea is to build a stable as near air tight as possible, and to admit plenty of fresh air as the cows need it, and to discharge the foul air SWEAT CAUSED HIS MISCUE

World's Largest Statue.

as fast as it accumulates.

The largest statue in the world is now being carved in Japan. It is a recumbent effigy of Nichiren, a Japanese patron saint, cut from a natural granite rock on a hillside on the Island of Ushigakubi, or, "the cow's head," in the inland sea of Seto, Japan. The stone image will be 240 feet long from head to foot, sixty feet longer than the Sleeping Buddha statue at Segu, Burmah, and considerably large then the Sphinx in Egypt.

Remember Only Today. Finish every day and be done with

it. You have done what you could. Some blunders and absurdities no doubt crept in; forget them as soon as you can. Tomorrow is a new day; begin it well and serenely and with too high a spirit to be cumbered with your may be used to advantage both for old nonsense. This day is all that is good and fair. It is too dear with its hopes and aspirations to waste a moment upon the yesterday.-Emerson.

Using Watch as Compass.

A watch may be used to determine the points of the compass by pointing hold the machinery necessary to han- the hour hand at the sun any time of the day and then placing a small piece of straight wire crosswise between the hour hand and the figure 12, getting exactly half way. The point of the wire which comes between the 12 and the hour hand algenerally recognized as providing ways points due south.

Daily Thought.

True fortitude I take to be the quiet possession of a man's self, and an undisturbed doing his duty, whatever sufficient to reach down to good solid evil basets him or danger lies in his leasing Ernte Walker to Rochester. earth for the footings of the walls, | way,-Locke,

First Professional Engagement Was in Cotton States League-Now With Federal League.

Howard Camnitz, one of the stars of the Pittsburgh Federal league pitching staff, was born in Covington, Ky., August 22, 1881, is 5 feet 8 inches in height, and weighs in playing condition, about 168 pounds.

His first professional engagement was with Greenville, Miss., in the Cot-



Howard Camnitz.

ton States league in 1902. The following year he was with Vicksburg, and in 1904 Pittsburgh secured him and ness in Connecticut, turned him over to the Springfield club

When Bill Murray first took up his of the Three Eyes league, He was placed in Toledo, in the ob as manager of the Phillies, Billy American association, for further de- if such can be found. Keister, a hard hitter, but a miserable velopment in 1905-'06, was then adjudged ripe for fast company, and Murray was a manager who raved and stormed on the bench, a la Stall- brought back to Pittsburgh. ings, and after Keister had thrown

away a game by missing an easy fly, SPREAD OF NATIONAL GAME

returned to the bench. Imagine the Baseball Continues to Grow in Popularity in Australia-Youngsters Take Up Pastime.

Reports from Australia indicate that baseball continues to grow in popularity. The seventeenth annual report of the New South Wales Base-Keister was sent to Jersey City of the ball association shows that the general advancement of the American game was more marked in this state in 1914 than in any previous season. "In retrenching this year all along and that the standard of play in all the line Connie Mack is doing now grades was of a high character. what every club owner in the major

A special note expresses satisfaction at the success of school baseball, a western magnate the other day, the wisdom of fostering the game in "The wise Mack," he continued, "is as the nursery section being exemplified usual a year ahead of everybody else. by the victories of the youngsters It took a lot of courage to do what in the interstate matches.

he has done, but like all men who do As to finances, the association has big things, and accomplish great re- a sum of about \$1,445, an increase of leased by the Buf-feds. sults, Connie has the nerve equal to almost \$600 over last season.

Giants Get Fast One. The New York Giants have pur chased George Kelly, a first baseman Rickey bought Sisler for. The former of the Victoria club of the Northwest-Michigander has pitched, played first ern league. He is a nephew of Bill base and left field. His success in the Lange, the old Chicago outfielder, and last position resulted in Rickey's re- is said to be just as fast as his uncie

JOHN MILLER IS STAR

Cardinals' Second Baseman Is Equally Good at Initial Sack.

St. Louis Player Is Lauded as Peer of Vic Saler and Jake Daubert at First Base-He Was Coached by Hans Wagner.

Miller Huggins has on the St. Louis Cardinal team a ball player who is really one of the stars of the National league, but whose ability is not appreslated by the fans. The player referred to is John Miller, who is now playing second base, but who has also been at first and short, at which posttions he delivered as brilliant a brand of ball as he is now giving his club at second base, writes Oscar C. Reichow in Chicago News. Miller is so great an infielder that Manager Bresnaban of the Cubs would rather obtain him than any other athlete in the league unless it be Art Fletcher of the Giants or Buck Herzog of Cincinnati.

Miller first gained prominence when he joined the Pittsburgh team and played second base alongside of Hans Wagner, On enrolling with the Pirates he was crude in his actions and had only a fair knowledge of the game, but close association with the game's greatest shortstop improved him immensely, made him a star at the keystone sack, and an asset to the club. For a long time he was one of Fred Clarke's most timely hitters and was invaluable because of his aggressiveness and hustling qualities.

When Clarke needed a first baseman he took Miller off second and placed him there. He did as well at



John Miller.

one position as at the other. There was trouble in the ranks and Miller was one of the men who resented their treatment by the officials of the club. What was more he thought his services were worth more to the team, but Barney Drevfuss did not agree with him. As a result a trade was made with the Cardinals. Since joining that team Miller has played as great a game as any infielder in the National eague. Huggins declares he would not part with him for any trade or sum of money that a club might offer.

Lee Meadows is pitching winning ball for the Cardinals.

Fielder Jones says the Whales will

be the team to beat for the pennant.

Jack Fournier talks like an honest fellow. He admits he likes his base hits.

Stovall is being talked of as the next manager of the Cleveland Indians.

Lajoie is still hitting the ball as hard as ever, but has slowed up in his fielding.

Mike Donlin, the famous actor-player, is now engaged in the movie busi-

Manager Tinker is still in the hunt for a pitcher and an extra inflelder,

Manager Huggins has picked up a great stortstop in Joe Sargent of the Mount Vernon, N. Y., club.

The hoodoo that troubled the White Sox in former seasons on ladies' day has been vanquished this year. . . .

It is said to be Christy Mathewson's hope to last as long in baseball as Pap Geers in light harness racing.

Charley O'Leary, the former Tiger, but now with the St. Paul team, has won a host of friends in the Saintly

New Orleans has released Jack Frost, pitcher, to Fort Worth, Tex. Frost in Texas, and at this time of the year. Gee whiz!

Admirers of Russ Ford are wondering what will become of the emery ball expert now that he has been re-

Honus Wagner, at forty-one, is almost as much of a drawing card as he was 20 years ago. He delivers the winning wallop occasionally. . . .

Outfielder Kenneth Williams of Spokane and Pitcher James McHenry of Vancouver have been signed by Charley Herzog to play with the Reda.

The Married Life of Helen and Warren

By MABEL HERBERT URNER =

Originator of "Their Married Life." Author of "The Journal of a Neglected Wife," "The Woman Alone," etc.

Helen Pays Dearly for Holding Her Own With an Assertive, Insolent Woman

An endless wait; then Miss Walker

"It's yours! You see, all the marks

-stock number and cost-are on the

coat ticket. That's what decided it!

Oh, she's making an awful row-she's

"What did she say?" eagerly, then

"When she couldn't get the suit

"The skirt?" repeated Helen. "Why,

"Of course not, but she's deter-

still arguing-hasn't taken it off yet,

withdraw her account, and never-

thrilled exultancy, that later Helen

left the shop. For once she had tri-

Then she realized that in her ex-

citement she had not even tried on

model it could not be far wrong. 1

when Emma brought in the large box

marked "special." Dropping her nap-

kin, Helen started up with an ex-

"See here, the suit can wait-you

But already Helen had it out of

"Wait, dear, I'll put on the whole

But her heart sank as she slipped

Anxious for Warren's opinion, she

"Not crazy about it. Big enough for

"Oh no, it's just the skirt that's

"All right, if you're satisfied. You're

But Helen was not satisfied. She

"Take it back if you don't like it."

on the the skirt. It was made with a

yoke, a style she never liked, for the

the box and was trying on the coat.

finish your dinner."

into her room.

cited, "Oh, it's my suit! I'm wild to

the skirt, but since it was just a plain ()

They were almost through dinner

It was with a sense of elation, of

quickly ashamed of her question.

she even tried to buy the skirt!"

rushed in with a triumphant:

boiling!"

umphed.

(Copyright, 1915, by the McClure Newspaper Syndicate.)

Helen viewed the coat from every | ing sense of thwarted indignation in angle in the triplicated mirror. She her throat. She would not get the liked the cut, the suit. Everybody always took advanstraight lines tage of her. She could never hold her gave her an add own.

> very plainness was distinctive after the fussy braids and buttons of the other suits. "I'm sorry to keep you waiting," the sales-

ed slimness. Its

woman came back into the fitting room-"but the she wouldn't want just the skirt?" skirt's been mislaid. Just let me mined you shouldn't have it! She's Mabel H. Urner. see that number," examining the but she doesn't want that. Says she'll

ticket on the coat.

"I like this better than any of the Oh," joyfully, "here's the skirt now," others," admitted Helen. "If the as Mr. Carter handed it in. skirt's as good-I think I'll take it." "It's a circular skirt-I know you'll like it. Just a moment-"

But it was several moments before she returned, plainly troubled and still without a skirt.

"There seems to be some mistake. Another customer has the skirt and she wants to try on the coat." "Oh, but I've already said I'd take

it!" Helen's desire for the suit instantly intensified. "Why, they can't-

"That's what I told Miss Boyd, but see it!" she says her customer had the skirt first. I've just sent for Mr. Carter." This element of uncertainty greatly enhanced the desirability of the suit, and with feminine obstinacy Helen determined to have it. The thing—you can tell so much better," door now swung open to admit a and gathering up the package she ran stout, blonde, assertive-looking saleswoman.

"Will you kindly let me have that coat a moment?" with icy authority. "Why, I-I've bought this suit," flushed Helen.

line across the hips took from her height. And the coat-somehow it "I beg your pardon, madam, my did not look quite the same! But customer has the skirt! She had it then she had had on her hat-peron before Miss Walker showed you

haps that made some difference. "They've sent for the floorwalker ran back to the dining room. As she -I'd rather wait till he comes." turned slowly around before him, he "But, madam, my customer's waitviewed the suit in stolld silence. ing to try the coat on," arrogantly.

Here, to Helen's intense relief, her two of you." own saleswoman came back with a tall, fairhaired, youngish man. too long-and the sleeves." "Mr. Carter, this is the customer. She likes the coat and has practical-

the one that's got to wear it." ly bought the suit without seeing the skirt, but Miss Boyd insists-" had Emma leave her dishes to Miss Boyd, the stout saleslady, inup the skirt. Then she spent the next terrupted with an excited, voluble hour viewing it in the various mirprotest. Her customer had the prior rors-her discontent growing as she right to the suit. She had seen it on found new faults.

the figure, and the stock girl had just taken it off for her when Miss growled Warren, exasperated by her Walker took away the coat. constant appeals as to what he thought Realizing that Miss Walker was much less assertive. Helen felt that of this or that alteration.

she must help her out or she would lose the suit "I've had an account here for sev eral years," her voice quivering with

excitement, "and if Ardman's won't

let me have a suit that I've-" "My customer has an account here

also, madam. She saw the suit on the figure before-"Miss Thomas, the buyer, will have to decide this," nervously interrupted

Mr. Carter. "I'll send for her," hastily making his escape. "Oh-how unfair!" began Helen tremulously. "Why-surely I-"

"Just wait," comforted her saleswoman. "Miss Thomas'll be here in a moment, and she's always fair. The stock girl wasn't taking the suit off the figure at all! I took the coat off myself."

Again the door swung open and again entered the blonde clerk-this time followed by her customer who had on the the skirt! She was a but unbecoming hat and a fussy lace you're the one that's stung." waist.

"I've come in to show you the skirt," with lefty scorn. "You can see it's a mile too long for you. Now will you let me try on the coat?"

The door was slightly ajar, and just outside stood Mr. Carter with amused grin. The situation of two she disliked. women fighting for the same suit. one wearing the coat and the other the skirt, was no doubt most amusto see in it any element of bumor. "Now, madam, that I've let you see

on the coat?" the woman repeated haughtily. "I shall keep the coat until we

see what the buyer says," flared Helen, furious at the arrogant, presumptuous intrusion.

The woman, now livid with rage, looked as though she would take the coat by force. But she contented her- annals of English history. Many of self with a sneering, insolent remark about "some people who are so over again in the various crowns for ill-bred," and flounced haughtily out. "I was so afraid you'd give it to form has never been changed, the her," whispered Miss Walker.

"Oh, how brazen! The impudence of her coming in here! Why should through the streets and stand nine I give her the coat," hotly, "any more than she should-"

A buzz of voices outside, and the door was pushed open by a tired, frail, but capable-looking woman, whom Helen knew was the buyer. She was followed by the blonde saleslady and Mr. Carter. Everybody began talkto Helen with a brief "I'm very sorry that such a mistake has happened. I'll have to see the other customer." "Right in the next room," and Miss Boyd led the way triumphantly.

"Oh, I can't ask them to take this back," flushing. "Why not? You're not so blamed

scrupulous about firing things back." "Oh, but this is different-another woman wanted the suit! Oh, they had a time! They had to send for the floorwalker and the buyer-" And then came the story with all its details.

"That's rich!" Warren threw back his head and roared. "Ha-ha, 1'd have given a farm to see you two women scrapping. Butted right in with the skirt on, did she? Regular hair-pulling scene, eh?"

"Oh, she was so insolent about it!" indignantly. "Well, I can't see that you were

such a 'perfect lady.' " "Why, I simply held on to the coat! You certainly don't think I

should have given it up to her?" "Huh, seems now you're deuced sorry you didn't! I should say she thin, dark woman with an expensive got the best of that deal. Looks like

> Almost in tears Helen went in to take off the suit. As she hung it on a form in her closet, she thought of the months it must hang there, of the countless times she must wear it -and always with distaste. For she never wore with comfort a thing that

It was a bitter price for a few moments of triumph. Other people were always triumphing over her-yet ing. But at that moment Helen failed | neither regret nor retribution seemed ever to come to them.

With an almost vicious bang she the skirt, will you kindly let me try shut the closet door. It was always so! Others got off-she never did. Whatever happened she was always

the one to pay.

The British Crown. The present crown of Great Britain is called St. Edward's Crown, and its

shape and form date from the earliest the stones have been used over and centuries and centuries, although the weight has been made less. Poor kings, they used to have to parade and ten hours at a stretch, with a crown which weighed six pounds on their heads.

Pertinent Question.

thinking of getting married and in the last year has visited quite a number ing at once in excited, high-pitched of young ladies, complains that all voices-everybody but the buyer, and seemed pretty much alike-same she only listened. Then she turned dress, same pose, same remarks. "Now," he says, "as I do not want my wife to be a mere copy or echo of oth-A suit is usually sold by the coat, but ers, I should like to know if there is anything original in the way of a girl nowadays, and if so, where is she to be found?" How original is the young Again Helen was left alone, a chok- man himself?-Exchange,

A New York man who says he is