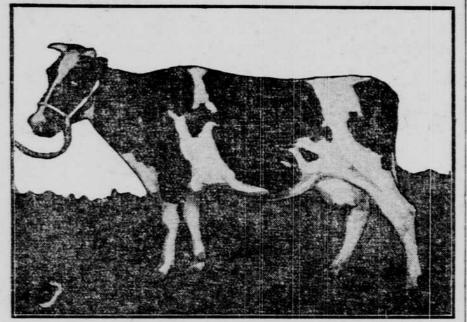
# RATION THAT IS BEST

Common Mistake Made in Corn Belt Is to Feed Too Much Corn-By C. H. Eckles, Professor of Dairying, Missouri Agricultural College.

tically nothing in the way of grain clusively for this purpose.

The ordinary pasture grasses, espe- | The third summer condition, which cially blue grass, when in the grow- we desire to continue throughout the ing state, contain the proper propor- winter, is that of a supply of succution of nutrients to enable a dairy lent feed. By the term succulent feed cow to produce the maximum amount is meant feed having that property of milk of which she is capable. The possessed by green grass. Such feed winter ration, on the other hand, is has a value outside of the actual liable to have these nutrients out of nutrients it contains on account of its proportion. This is one point where- favorable effect upon the digestion of in common practice falls far short of the animal. There are two methods in continuing the summer conditions use for supplying this succulent feed throughout the winter. The feeding during the winter season. One is the of a ration not properly balanced is use of root crops and the other the one of the most common mistakes use of silage. In some parts of the made on the average farm in the corn | world the use of root crops is almost belt on account of the usual abun- universal, and is the solution of the dance and cheapness of corn and corn problem. In this state the use of silage is far more practical, however, Many farmers have corn fodder and than the use of root crops, and for timothy hay for roughness and prac- that reason it is recommended ex-

but corn. From such a selection of | The following rations supply the feeds it is impossible to make a necessary material to produce milk ration that supplies the necessary economically. If the cow will not give nutrients for heavy production of milk. a good flow of milk in the early part It is possible to make a fairly good of the milking period and when fed a ration using these feeds for rough- liberal amount of one of these rations, ness, but it is only possible to do so it indicates she is not adapted by naby buying large quantities of mill ture to be used as a dairy cow and



Johanna, Holstein, Wonderful Wiscon sin Cow-Production for Year 1907-8, 13,186.2 Pounds of Milk, 477.96 Pounds of Fat (Average Per Cent. 3,62); Net Profit, \$95.31.

much simplified. The use of these regardless of expense. havs makes it unnecessary to buy any cottonseed meal for ordinary dairy cows, and makes it possible that the principal grain used be corn, which usually is our cheapest grain. Even cow pea or alfalfa hay alone, with corn for grain, makes a fairly good ration for an ordinary dairy cow, and such a ration could be substituted with good results for that of timothy hay and corn fodder. When hay is purchased, it is always best to purchase one of the kinds mentioned, as the price is about the same, or lower than that of timothy, which is far inferior as a milk producing food. If any hay is to be sold from the farm it should be timothy hay and not clover or cow

feeds that are rich in protein. The | should be disposed of. The amounts thing for the farmer to do is to raise given are considered about right for the feeds he requires on his own farm, the cow giving from 20 to 25 pounds as far as possible, and it is possible to of milk a day. For heavy milking produce practically all that is needed cows these rations would have to be to make a balanced ration. The place increased, especially in the grain, and to begin in considering the feeding of for light milking cows the grain should an animal is always with the rough- be decreased. In making up these ness, since the character of the rough- rations it is designed that the cow be ness determines to a large extent the given all the roughness she will eat kind of grain it is advisable to feed. and sufficient amount of grain to fur-The cheapest source of protein is in nish the proper amount of digestible legiminous hays, including clover, almaterial. It is not designed that falfa and cow pea. If an abundant these rations should be sufficient or supply of any one of these hays is best adapted for cows that are being on hand, the problem of making an fed for making records, for which a economical balanced ration is very very maximum production is desired

201	Joint Good Dair	marions.	
e		Poun	ds
h	Corn		2
h d	Clover hay	6 to	0
h	Alfalfa or cow pea hay . Corn fodder . Corn	7 to	10
e	Alfalfa or cow pea hay	15 to	0 2
n r y d	Corn		1
V	Alfalfa or cow pea hay	8 t	01
		~~~~~	

Some Good Dairy Rations.

## FEEDS, SEEDS

Jenkins, Director Connecticut Experiment Station.

quantities of seeds of undesirable and pestilent weeds of which a considerable portion are alive and will, under proper conditions, promptly germinate An average price for screenings is and grow.

The weed seeds are not always quickly detected by casual inspection, because they are variously mixed with chaff and oat hulls, with linseed, barley and corn products and are often mixed or smeared with molasses.

These facts are naturally not mentioned in the statements of composition, yet they are more important to the buyer than the chemical analysis. A moderate food value may be granted to ground weed seeds, or to some species of them, but it is very doubtful if small whole seeds are broken up and digested by the animal.

It has been proved that fermenting manure kills many weed seeds when they are kept in it for some time, but common experience fully justifies the belief that the farm may be stocked with weeds which com along with the

Weed seeds which are scattered abundantly wherever feed and feed residues are scattered, will surely make their appearance in the fields. Thus charlock appeared last year quite abundantly on the station land. where it had not been seen for 26 years at least. On searching for the cause, it appeared that the junkos or snowbirds had been fed with wheat screenings on a flat roof in the neighborhood during a severe winter and the charlock seeds in the screenings had no doubt been blown from the roof to the lawn.

Certain manufacturers claim to destroy the vitality of the weeds which they mix with feed, but in no one of those above reported has even this measure of protection to the purchaser been thoroughly done. Ih has been apparently attempted only in case of the sucreme feeds.

refuse separated from grain, in order a good deal in quality. Thus an analysis recently made here of wheat screenings showed about 33 per cent. A Danger to the Farm-By E. H. of flax and shrunkon cereal, 15 per weeds and pigweeds, 15 per cent, of weed seeds of other species and 21 There are a number of mixtures per cent. of dust, broken seed and sold as feeds which contain large sand. Even such a mixture is much better than many others which often contain very little, if any, wheat or

flax. \$12 a ton in Chicago or \$16 in Cincin-

Mixed with molasses and chaff or hulls, and in some cases with really good feed materials, some of them sell at prices which are nearly as high as those paid for first-class feeds.

Made in considerable part of inferior materials and charged with weed seeds, they are dangerous on the

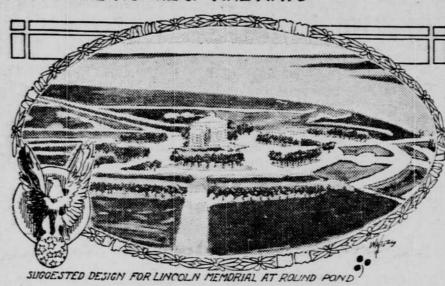
GROUND OATS BEST.

Make an Excellent Feed for the Laying Hens.

Some poultrymen feed ground corn and oats, and, together with vegetables, make a mash for the poultry. Wherever ground oats can be procured without the corn being mixed with it, the feed will be much better when the corn is in excess. Some millers in grinding corn and oats add more corn than oats, depending upon the comparative price of the two. For other stock, or for milk cows, such a food may be better, but not for fowls. If it can be done it is always better to have the oats and corn ground separately and mix the two in quantities and proportions to suit the require ments of the particular flock, as fowls should not all be fed alike. Some farmers have the habit of feeding fowls whole oats, and we have seen a great many oats wasted in this method of feeding. Oats consist of a hard husk which fowls dislike, says the Kansas Farmer, and much more good will be obtained from them if the oats are ground. In all events, plenty of grit should be supplied so the fowls may finish the grinding.

Feed at Noontime.-Noontime is the All of these weeds are characterisbest time to feed raw vegetable foods time goes on. The prophecy of Tentime now. tic of grain screenings which are the like cabbages, beets and turnips.

# AT IS BEST FOR THE DAIRY COW INCOLN MEMORIAL AT IS BEST INCOLN MEMORIAL AT A TAXABLE AT A TAXABL PLAN OF THE COUNCIL OF FINE ARTS



The national movement for more; which a beautiful sketch design was the Chicago world's fair pointed the the river shore. way to better things. To-day art commissions exist in dozens of communlties and are carefully working out

has spent \$500,000,000 in buildings, though better sites adjoined it. and a great part of that within twenty years. The record is filled with on Capitol hill, about a quarter of a

dent directs that it be not followed. purpose, nor is the station so unlove-The supervising architect of the treas- ly as to need hiding in this fashion. ury will act as the executive officer A proposal to place the smaller Columfor carrying out the recommendations bus monument at the station has, howof the council."

tend all matters relating to the construction and placing of federal buildtions of their decoration and furnish- of the council: ing, the purchase or acceptance of thirty," as it has been nicknamed.

to make the latter marketable or fit the new Union station, and provides body, president of the Boston Society for milling. These screenings vary another \$1,000,000 to build thereon a of Architects; Charles F. McKim, of cent. of foxtails, 8 per cent. of bind- in condemning it. President Roosevelt Adam Garfield of Cleveland, William appointed council take the matter up Day of Philadelphia, and C. Howard

Most of its members are on record | Review. as favoring a very different site. The whole question of the arrangement of let, E. H. Blashfield and Kenyon Cox, Washington has been worked out in all of New York. great detail, and what is known as Sculptors-Daniel Chester French, the Burnham plan, based on the plans | Earl Bitter, Herbert Adams and H. A. made by Maj. L'Enfant under the su- MacNeil. pervision of President Washington, is accepted by experts as the last word | Olmsted, Jr. on the subject. Its fulfillment would undoubtedly make Washington the most beautiful city in the world.

This plan included a great mall from parish church at Hacknall Torkard two the capitol to the river, with the lovely wreaths, one being a poet's cir-Washington monument in the center, clet of bay leaves, bearing on a card: forming an axis for a cross mall or "From Laura Thyrza Byron, in remempark terminating at one end in the brance," were placed the other day. White House and at the other in another great monument still to be built. river in the Lincoln Memorial, for subscribers.

beautiful and orderly towns and cities made, and in a memorial bridge across has been growing remarkably since to Arlington, with driveways along This site the government alread;

owns and the influence of the American Institute of Architects and symlocal problems with the idea of some cient to keep new building operations pathetic bodies so far has been suffiday removing the stigma of ugliness within the plan, though congress was and inconvenience which foreigners at one time very close to giving the have impartially placed, though they Pennsylvania railroad a great terminal are ready to admit it is well deserved. site in the very center of the proposed But the communities have till now mall, halfway between the Washington had to go it alone in the matter of monument and the capitol, a calamity beautification. The federal govern- that was only averted, be it said, by ment, which with the great amount the public spirit and generosity of the and monumental character of its build- late Mr. Cassatt, president of the road. ings might naturally be expected to At another time the department of lead the way, has been of very little agriculture's new building was designed help indeed. During its existence it to be placed in the center of the Mall.

The Union station was finally placed costly and monumental blunders. It is mile to one side of the capitol, and a doubtful if any country in history has little back of its transverse axis. Beso amazingly childish an accounting tween the station and the capitol of extravagant stupidity in its building there is a broad, straight avenue, so operations. Yet practically the only that the visitor's first sight of the city check on further mistakes till now has is a clear and imposing view of the been the architectural office of the gray pile with its magnificent dome. treasury department, which, by the The Capitol square reaches half way good sense of a single appointee, has to the station, and two of the subin very recent years raised the stand- sidiary buildings are erected along its ard of appearance and usefulness of boundary. The senate committee the new post offices to something like building is toward the station. The proposed site for the Lincoln memorial And now comes an important step. is beyond this building toward the sta-President Roosevelt has appointed a tion, and it is very obvious that, being council of fine arts, consisting of 24 thus near the station, it would not add architects, four painters, four sculptors in any way to the beauty or majesty and a landscape architect, all men of of the capitol or the capitol group. the highest standing. In making the would not in fact be a part of it, and appointments he issued an executive would obstruct the view of the capitol order directing that "before any plans and thus rather tend to detract from it. are formulated for any buildings or On the other hand, it would be a grounds or for the location or erection truly magnificent decoration for the of any statue, the matter must be railroad station, as all admit, but sentisubmitted to the council I have named ment is decidedly against using a and their advice followed, unless for great national memorial to such a good and sufficient reasons the presi- man as Abraham Lincoln for any such

ever, met with popular acquiescence. Such is the situation. On the one of Nevada introduced a bill in the up- hand is the station site, championed known because of pecuniary motives. per house legalizing the council as an by Speaker Cannon, and on the other advisory board and making the office a site chosen by the famous Washingof supervising architect of the treas- ton park commission, and which will ury a bureau of fine arts, to superin- unquestionably be approved by the "council of thirty," as it has been by practically every architect of note in ings of all departments and all questhe country. Here is the personnel

Architects-Cass Gilbert of New paintings or sculpture, and the pur- York, C. Grant La Farge of New York, chase and planning of public parks S. B. P. Trowbridge of New York. coming under federal authority, all John G. Howard of San Francisco, with the advice of the "council of Glenn Brown of Washington, Thomas R. Kimball of Omaha, John L. Muren In the meantime the house, as a of St. Louis, D. A. Burnham, director counter move, led by Speake. Cannon, of the Chicago exposition; John M. is trying to pass what is known as Donaldson of Detroit, George B. Post the McCall bill. This bill makes an of New York, Arnold W. Brunner, appropriation of \$3,500,000 to buy 36 president of the New York Chapter of acres of land between the capitol and the American institute; Robert S. Peamemorial to Lincoln. The site is gen- McKim, Mead & White; William S. erally regarded as most unsuitable to Eames of St. Louis, James Rush Marthe purpose, and architects and artists shall, president of the Washington are almost, if not wholly, unanimous Chapter of the American institute; especially requested that the newly- B. Mundie of Chicago, Frank Miles. Walker, editor of the Architectural

Painters-John La Farge, F. D. Mil-

Landscape architect-Frederick Law

Wreaths on Poet's Grave. On the poet Byron's grave in the

The telephone business is picking The main mall would terminate at the up in China. Peking low has 1,700

NO HOPE THERE!



"If you have any influence on the mistress of the house, try to get din-"Me! I haven't the slightest in fluence-she's my wife!"

Gradually the methods of peace are nyson, who in "Locksley Hall" 30 superseding force in the adjustment years ago, foresaw The Hague court of differences between the great na- and amplified it into a federation of tions, and small ones will fall in line the world, is being fulfilled. The "batfor similar means of adjustment as the flags are furled" a great deal of the

CAN CONSUMPTION BE CURED! National Association Warns Against

Use of Quack Remedies. In view of the constant agitation and misrepresentation with regard to the treatment of consumption, the National Association for the Study and Prevetion of Tuberculosis has issued a statement in which it states that the only sure cure for this disease is fresh air, rest, and wholesome food.

Hardly a week passes without some quack "doctor" or "eminent specialist," informing the public that he has at last discovered the sure cure for tuberculosis. After examining every one of these so-called cures, several hundred in number, the National Association states that, one and all, they are misrepresentations or fakes.

Two Classes of "Cures." These so-called "cures" are divid-

ed into two general classes. The first class of "cures" includes the quack remedies and nostrums with which the public is being constantly deceived. These range in kind from "good whiskey" to pig's blood or ultra-violet rays. Some few of them, for instance, are cod-liver oil, lime dust, malt, vegetable teas, and numerous inhalations of supposed germicides, besides a large number of well-known patent and proprietary medicines and numerous disinfectants. None of these are cures for consumption. They are rather for the most part of a dangerous character, and patients who take them may be running a serious risk. Consumption is caused by a germ which destroys portions of the lungs or other affected tissues. No drugs, medicines, inhaled gas, or home-made remedies can, by any means, kill the germ or close up the cavity in the lungs, as is so often claimed for these specifics. Neither is it possible to inhale a sufficiently strong germicide to kill the consumption germ. Such an inhalation would kill the patient before it would kill the

Another class of "cures" for consumption, by which many people are deceived, includes the secret remedies advertised by unscrupulous "doctors" and "professors" at the heads of so-called "institutes." These people advertise that they can cure consumption at home by means of remedies which are secret and known only to them, or sometimes they advertise that they can cure consumption at the "institute" where he claims he has a drug which will surely cure consumption. A "doctor" in Minnesota says he has a new remedy which he himself will exploit for the benefit of humanity. A Colorado specialist has advertised a new method of curing the disease. A St. Louis druggist claims to have found how to "dynamite" tuberculosis germs. An "institute" in a western state has been opened recently, which pretends to cure consumption. without resort to fresh air treatment, largely by means of massage. osteopathic manipulations and some secret methods. Again, the National association asserts that the very fact of secrecy in these cases tends to discredit the so-called cure. No responsible physician will find a cure se and refuse to make it

Cure Possible.

These two classes of "cures" are not "cures" at all. Consumption is a curable disease, however, and in some places more than 75 per cent of the patients under treatment have been restored to health. The essentials for the cure of consumption are rest, fresh air and wholesome food. A large number of physicians have been working for years to perfect a vaccine, or anti-toxin for tuberculosis. or to find some agent such as tuber culin which will assist in the cure of the disease. Thus far, the experiments have not furnished a product which will either absolutely cure or prevent consumption, or render the patient immune against the disease. Many of these serums have proved effective in increasing the resistance of the patient and thus helping in the cure, but no scientist of repute today claims to have discovered a tuberculin which will produce a cure without the combined aid of fresh air, rest and wholesome food. For information address Nebraska Association for the Study and Preevntion of Tuberculosis, 408 City Hall,

FLEET TO TAKE PART IN PARADE

Admiral Sperry Will Send Battalions

to Washington for Inaugural. Washington.-Admiral Sperry sent by wireless telegraph to the Navy department the names of the battleships of his fleet, which will remain at anchor in Hampton Roads until after March 1, in order to send battalions from their crews to the inaugural parade in Washington. These vessels are the Connecticut, Virginia, Louisiana, Wisconsin, Georgia, Illinois. Kearsage and Kentucky, the last three of which will be placed out of commission on their arrival at their home navy yards.

Revolting Crime in France.

Marseilles, France.-The discovery of a revolting crime, recalling in detail a case which occured in Paris in 107, has caused a sensation here. The body of an 8-year-old girl, torn by twenty-eight knife wounds and further mutilated by burns, has been found in a populous quarter of the city. It was learned that the child had been illtreated before being killed. A man who had been living with the girl's mother, who is a widow, has been arrested, but his guilt is as yet unknown.

Grand Duke Vladmir Dead. St. Petersburg.-Grand Duke Vladimir, who had been slightly ill for some time, died suddenly here. One of the attending physicians visited the grand duke and spoke most reassuringly of his condition. Half an hour later, while taking tea with the members of his household, he was seized with asthmatic spasms and died almost before a priest arrived. The grand duchess was present at the time and his sons, Grand Duke Bores and Grand Duke Andrew, arrived a few minutes later.

# ForBick romanu

We know of no other medicine which has been so successful in relieving the suffering of women, or secured so many genuine testimonials, as has Lydia E. Pinkham's Vegetable Compound.

In almost every community you will find women who have been restored to health by Lydia E. Pinkham's Vegetable Compound. Almost every woman you meet has either been benefited by it, or knows some one who has.

In the Pinkham Laboratory at Lynn, Mass., are files containing over one million one hundred thousand letters from women seeking health, in which many openly state over their own signatures that they have regained their health by taking Lydia E. Pinkham's Vegetable Compound.

Lydia E. Pinkham's Vegetable Compound has saved many women from surgical operations.

Lydia E. Pinkham's Vegetable Compound is made exclusively from roots and herbs, and is perfectly harmless.

The reason why it is so successful is because it contains ingredients which act directly upon the female organism, restoring it to healthy and normal activity.

Thousands of unsolicited and genuine testimonials such as the following prove the efficiency of this simple remedy.

Minneapolis, Minna: - "I was a great sufferer from female troubles which caused a weakness and broken down condition of the system. I read so much of what Lydia E, Pinkham's Vegetable Compound had done for other suffering women, I felt sure it would help me, and I must say it did help me wonderfully. Within three months I was a perfectly well woman.

"I want this letter made public to show the benefits to be derived from Lydia E. Pinkham's Vegetable Compound."—Mrs. John G. Moldan, 2115 Second St. North, Minneapolis, Minn.

Women who are suffering from those distressing ills peculiar to their sex should not lose sight of these facts or doubt the ability of Lydia E. Pinkham's Vegetable Compound to restore their health.



SPOHN MEDICAL CO., Chemists and GOSHEN, IND., U. S. A.

## Are You Protected

against pneumonia, which so often comes with a sudden chill, or congestion of the lungs-the results of neglected colds? If not you should have a safe and sure remedy at hand all the time.

## DR.D.JAYNE'S **EXPECTORANT**

has proved to be the most effective remedy known for colds, coughs, pneuia, bronchitis, inflammation of chest and lungs. It relieves and cures the disease by removing the cause. Get it today and you'll be ready for tomorrow.

Sold everywhere in three size bottles, \$1 00, 50c, 25c.

## **Tired Women** can get back the strength they



used to have if they will take a treatment of the famous toniclaxative herb

### Lane's Family Medicine (called also Lane's Tea)

Its cost is only 25 cents a package and a package will last a month. It cures backache, sideache, bearing-down pains, indiges-

tion and constipation.

45 to 50 Bu. of Wheat Per Acre have been grown on farm lands in

All druggists sell it, 25c.



RATERN Satisfactory. The general average is above twenty bushels.

"All are loud in their praises of the great crops and that won-derful average." tract from correspondence National Editorial Association of August, 1908.

It is now possible to secure a homestead of 160 acres free and another 160 acres at \$3.00 per acre. Hundreds have paid the cost of their farms (if purchased) and then had a balance of from \$10.00 to \$12.00 per acre from one crop. Wheat, barley, oats, flax—all do well. Mixed farming is a great success and dairying is highly profitable. Excel-lent climate, splendid schools and churches, rail-

ways bring most every district within easy reach of market. Railway and land companies have

lands for sale at low prices and on easy terms. "Last Best West" pamphlets and maps sent free. For these and information as to how to secure lowest railway rates, apply to Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Govern-ment Agent:

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Most grateful and comforting is a warm bath with Cuticura Soap and gentle anointings with Cuticura. This pure, sweet, economical treatment brings immediate relief and refreshing sleep to skintortured and disfigured litt! ones and rest to tired, fretted mothers. For eczemas, rashes, itchings, irritations and chafings, Cuticura Soap and Cuticura Ointment are worth their weight in gold.

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