## **Deep Cultivation** Harmful to Corn

Select Right Paint

ings and Implements.

(Prepared by the United States Department of Agriculture.)

the chief purpose of painting on the

tive, but it also serves a useful pur-

sanitary and dark rooms lighter. Paint-

United States Department of Agricul-

ture, is the cheapest way to keep

buildings and implements in good con-

A knowledge of the different kinds

of paint and their particular adapta-

bility is a great advantage to the farm-

er who wishes to do his own work.

The department has published Farm-ers' Bulletin 1452 for the express pur-

pose of helping the farmer to select the

right paint for the particular job at

hand. It gives directions for mixing

paint, for preparing surfaces, and for

applying the paint. Full directions for

making and applying several kinds of

whitewash are included also. Reputing should not be put off too

Parting should not be put off too long. If wood has begun to rot or iron

Marketing Poultry and

Eggs Is Important Job

nois Agricultural association, F. A.

"The states of Iowa, Illinois, In-

sold from these states each year, the

it, says the association. "Both produc-

from producer to consumer,

sumer is reduced to a minimum.

to \$50,000,000 and those responsible

anything to do with eggs from the

not bought on the basis of grade di-

Most Opportune Time to

rect from the producers."

due largely to the fact that eggs are

Cut Soy Beans for Hay

"Soy beans may be cut for hay at

any time between the full bloom stage,

which usually comes between July 15

and August 15, and the stage when the

lard, of the Ohio experiment station.

"Yield, ease of curing and quality of

hay will mainly determine the time to

cut. The largest yield obtainable at

one cutting is secured by cutting when

Do you need any new castings for

Hot weather cuts the milk flow, but

For fine leafy alfalta, most farmers

Ohio university authority.

gain alfalfa and lose despair.

petite to help eat 'em.

tle.

. . .

about one-fourth of the leaves are yel-

versity, these were the results:

FAR

less than \$295,970,472."

ing eat

dition.

ton, D. C.

regular intervals, says the

#### Top Three Inches of Soil **Contain Largest Amount** of Plant Food.

(Prepared by the United States Department of Agriculture.) The ka-lick, ka-lick, of the corn farm is to preserve buildings, fences, and implements from the effects of planter has ceased its musical tattoo the weather. Interior painting is usual for the season and has been backed into the shed. If there were no weed ly done to make the home more attracreeds just under the surface of the soll lying in wait for favorable gerpose in making walls and ceilings more

minating conditions, the farmer's work in the cornfield would be done for the summer. If there were no weeds there would be no need to tune up the old cultivator or cut a forked stick. The crop would not again need his atten-

tion until corn-picking time in the fall. He could turn his attention to other work about the farm, or he could cut himself a pole and go fishin', whichever was according to his individual -and his cornfield would still yield as many bushels of corn as it would have had he given it the traditional three times over with corn plow

Cultivation Controls Weeds. At least some such conclusion might be arrived at from a study of the results of various tests by corn culturists to determine the real reason for cultivating corn. Cultivation, - they agree, is chiefly for the purpose of controlling the weeds. In fact, weed eradication may be the only beneficial result from cultivation after planting. Nevertheless, there is that big little word "if" to reckon with. We do have weed seeds and we will have weeds. Soon the broad clean spaces between the rows of young corn will be covered with a mass of green weeds of ever description. The cultivators will be unlimbered in feverish haste to attack the weeds and hold them in check while king corn gets the jump on them.

"The time has come when serious thought is being given not only to the But that is where the similarity of the operation ceases. One farmer will production of poultry and eggs, but also to the marketing of these prodset his shovels to plow as deeply as He will hurry across the ssible ucts." So declares the poultry and field so that he can start his plow on egg marketing department of the Illithe cross rows-the main idea apparently being simply to get over the field Gougler. director. three times before the corn is knee high and ready to lay by. He be diana, Ohio, Missouri, Pennsylvania, Minnesota, Wisconsin, Michigan and lieves that the formation of a dust mulch to retain moisture is also thing to accomplish. dozen eggs each year. This amounts

Must Keep Weeds Down.

As long as there are weeds, some sort of method will have to be used to keep them down. Rotating crops, preventing weeds going to seed, and sowing seed that is free from weed seed, are some of the other principles that will help to keep down weeds. An understanding of the fact that cultivation is principally for the purpose of killing the weeds and not to stir the soil or provide a dust mulch, however, will modify methods of cultivation.

Thirty-six years ago the Illinois experiment station made some tests in which it was shown that if weeds were kept down by scraping with a hoe without any attempt at forming a dirt mulch, the yield was the same as with ordinary deep cultivation, and only slightly less than with ordinary shall low cultivation.

Twenty years ago the United States Department of Agriculture made sim-ilar tests at a number of stations over the country and obtained similar re

sults. Now the Illinois station has secured some more figures which further sub-stantiate the former tests. As an average of 24 years of experiments at that station it was found that a field of corn in which the weeds were releaves begin to turn yellow, some four to six weeks later," says C. J. Wilmoved by scraping them off with a hoe gave a yield almost exactly the same as a field cultivated with a surface cultivator. Deep cultivation gave yield of one to two bushels less on the average than either shallow cultivation or scraping with a hoe. Many deep cultivations decreased the yield

Deep Cultivati

#### The KITCHEN for Each Farm Job CABINET Best Way to Preserve Build-

(C) 1925. Western Newspaper Union. Choose what you will, within the limits of reason, and by the exer-cise of the average ability you pos-sess you will, in time, reach your mark.—Marden Painting improves appearance, but

SPINACH DISHES

Spinach needs good seasoning and you must teach your care in serving if family to like it.

as most of us do. Being such a worth-while vegetable, so good for the blood, being rich in iron, it is needful that we tearn ways of serving, it in the

most attractive manner. Spinach With Stuffed Pimentoes.-Arrange six pimentoes in well-buttered ramekin dishes. Take one and onehalf cupfuls of cooked spinach, two tablespoonfuls of lemon juice, one-half teaspoonful of salt, one egg, one-half teaspoonful of grated nutmeg, two tablespoonfuls of butter and one-half cupful of bread crumbs. Mix the stuffing and fill peppers, cover with buttered crumbs and bake in a hot

has begun to rust, the rotting and rusting will continue after the paint has Bohemian Spinach .-- Take six strips been applied. Moreover, the longer of bacon, three-fourths of a cupful of painting is delayed, the more difficult cooked spinach, one-half teaspoonful and expensive it becomes. A copy of the bulletin may be had of salt, two eggs, three-fourths of a cupful of milk, one-half cupful of bread crumbs. Curl the bacon inside free of charge, as long as the supply lasts, upon request to the United States of six ramekins. Chop the spinach, Department of Agriculture, Washing add seasonings and beaten eggs, milk and crumbs. Pour the mixture into the ramekins and bake until firm. The bacon if partly cooked will be more

satisfactory. If it is not sufficiently cooked, turn the molds out onto a baking dish and bake in a hot oven. Spinach and Noodles .- Take one and one-half cupfuls of noodles cooked,

one and one-half cupfuls of cooked chopped spinach, one cupful of grated cheese, one teaspoonful of salt, one fourth teaspoonful of pepper and one cupful of milk. Put alternate lavers of spinach and noodles in a baking dish, sprinkle with cheese and season ing over each layer and top with

to 28,000,000 cases or 70,000 carloads. And if we add to the value of the eggs ful each of chopped ham and spinach one tablespoonful of prepared mus-tard, one-half cupful of boiled rice, value of the poultry sold, we have no Marketing of this large quantity is as important a problem as producing and moisten with the stock. Shape into croquettes, dip into egg and crumbs. Serve with tomato sauce. ers and distributors of eggs and poul-try products are concerned with the best method of moving this produce so that kettle, adding no water; cook carefully the spread between producer and constirring occasionally for the first few minutes, then cover and cook until "It is estimated that the annual tender. loss in the United States in marketing and sprinkled with buttered crumbs. our egg crop ranges from \$40,000,000

avorite ways of serving the large lake trout. for this loss are everyone who has Savory Dishes. farms to the consumers. The trouble Don't fail to learn a few of the

which a few mushroom

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## **KNITTED FULL LENGTH COATS:** PARIS MODES FOR YOUNG GIRLS

THE knitted coat's the thing! One widens steadily as the years carry her cannot look upon the handsome models which grace this season's she is always simply dressed, but showings without realizing that the much attention is given to details or knitted coat by virtue of its chic, minish and style in all that she wears much attention is given to details of charm and practicality is destined to in many particulars-as in color and play a most important part in fash-ionable life. Not that the full-length decoration-her belongings are made to follow the lead of the modes for knitted coat ever failed of fascinating

grown ups. , Paris sends over drawings of two appeal, even from the days of its initial appearance but somehow heretofore costumes for young girls in the first we were prone to classify it rather as half of their teens, as shown in the liappearance but somehow heretofore a passing fad or fancy, rather than a lustration. In the figure at the left staple fashion. Not so from now on, for this season's models prove conclu-sively that the knitted coat has earned brightens her three-piece costume of



for itself a definite place in the field | tan kasha. It has quite a grown-up appearance for a girl of thirteen, but the embroidery is in a simple pattern and might be in any bright color. The skirt is lengthened a little for each

> At the right a coat in pastel-green kasha is lined with printed silk in any harmonizing colors one may choose, and may be worn over a matching dress or with other dresses. The use of kasha cloth and printed silk lining modestly acknowledges the lead of the mode and the coat is very carefully tailored. Mam'selle is much dressed up in these costumes and they will remind her to deport herself with dig

In party dresses the young miss is interknit either in attractive stitch, as allowed to shine in filmy fabrics and

## Indians Gay in **Buckskin** Clothes The annual tanning party held by

1.2. ......

Flathead Indians on the western boundary of Glacier National park has become a holiday event. The braves having "brought down" the animals with unerring "gua barrel sight" only have to "look" after the papooses and children, while the squaws transform the hairy pelts into material for shelter and raiment-mostly holiday, rainent in these modern days, for most of them live in houses and wear wool en clothing in their everyday agricul-

tural life. The United States Indian department indulges the red man in this custom, for without the finery of headed buckskin clothes, the gala events on reservations would be robbed of the ery background which gives them their impetus

### Cuticura Soothes Itching Scalp.

On retiring gently rub spots of dan druff and itching with Cuticura Ointment. Next morning shampoo with Cuticura Soap and hot water. Make them your everyday tollet preparations and have a clear skin and soft, white nands.-Advertisement.

#### Tesla Turns to Mars

Nikola Tesla, the inventor whose work has been very important in the electrical world, has turned his speculations to Mars. He says life on the planet Mars may be from one to ten million years older than on the earth. He also thinks the hope of communicating with the planets is not an idle one, but merely awaits the invention of proper apparatus, based on the earth's frequency of vibration, which he places at 11.77 per second.

Never Be Without a Bottle of Hanford's Balsam of Myrrh. Has pow erful antiseptic qualities; unexcelled for Cuts, Burns, Wounds and Sores. 35c.-Adv.

## Deserved Rebuke

"Why did you throw the dictionary at your husband?" "I was trying to solve a cross-word puzzle and asked him several times to tell me a word of five letters meaning domestic happiness and couldn't do it."

# For economy's sake, why not buy a ver-mituge which expels Worms or Tapeworm with a single dose? Dr. Peery's "Dead Shot" does it. 372 Pearl St., N. Y. Adv.

Many a man who is not at all hen pecked likes his wife to appear to boss him in public.



Other Medicines FailedWalpole, N. H.— "Thave used LydisE. Pinkham's Vegetable Compound and<br/>ind it has improved<br/>my health wonder-<br/>fully. For months<br/>and months I was<br/>not regular and had<br/>tersible pains. They<br/>used to affect my<br/>side so I could not<br/>work. I read of<br/>others being helped<br/>to the vegetable<br/>Compound, but I was never treated for<br/>my own housework, and have two dear<br/>pables to care for besides. I tried other<br/>being never treated for<br/>my toubles. I speak highly of the<br/>vegetable Compound to my friends and<br/>never the stade of the speak highly of the<br/>vegetable Compound to my friends and<br/>never the stade of the speak highly of the<br/>vegetable Compound to my friends and<br/>never the stade of the speak highly of the<br/>vegetable Compound to my friends and<br/>resumed it to any woman for ran-<br/>down and nervous condition." Mrs. T.<br/>H. Fuller, Walpole, New Hampshire.Over 200,000 women have so far replied<br/>to our question. "Have you received

Over 200,000 women have so far replied to our question, "Have you received benefit from taking Lydia E. Pinkham's Vegetable Compound?"

98 out of every 100 of the replies say, "Yea" and because the Vegetable Com-pound has been helping other women it should help you. For sale by druggists



For Bargain Hunters "Halloa! Why are you rushing about like this?" "I'm trying to get something for my husband." "Had any offers?"



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THE ALAMANCE GLEANER, GRAHAM, N. C.

Kansas together sell about 85,000,000 noodles. Pour over the milk and bake forty-five minutes. Spinach Croquettes .- Take one cupone egg yolk, one-fourth of a cupful of spinach liquor. Mix all the ingredients

Serve seasoned with butter Stuffed baker fish is one of the

kinds of field mushrooms. There are so many savory dishes to

will add flavor. Scrambled | Eggs and Mushrooms.-Break into small pieces one pint of fresh field mushrooms. Sprinkle with salt and let them stand twenty

minutes. Into a saucepan place two tablespoonfuls of butter. add the mushrooms and juice, cover and cook eight minutes after they com mence to simmer. Season with pepper and more salt if needed. Add yolks of five eggs, beaten slightly, to the mushrooms. Stir until the eggs are cooked, adding more butter. Serve on buttered toast.

low. In one typical test at the uni-Curried Eggs .- Take six hard-cooked ggs. Peel three large o

of stylish and practical wraps. A model which bespeaks the last word in knitted coat fashions is pictured here. It is knitted of coral in pockets and revers in frost gray. That smart tailored appearance, which is so necessary according to style requirements, characterizes this coat in every detail.

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1 main

The midsummer collection of knitted coats accents the pastel shades. Frequently looped wool describes a smart embellishment in collar, cuffs and ometimes hem-border

Most of the lightweight models are nity-in order to match their style. constructed of soft wool with rayon

an intriguing stitch, with cuffs, patch year up to sixteen.

These experiments indicate clearly that the deep cultivation is harmful Cultivation should be as shallow as possible, although deep stirring is less injurious at the first cultivation than later. The feeder roots of the corn plant leave the stalk about two inches below the surface of the soil no mat ter how deep the grain has been

planted. Plowing close to the stalk and deeper than these roots injures many of these roots and results in decreased yields.

It appears, says the United States the binder? Department of Agriculture, that the top three inches of soil contains more le plant food than that further availabl poor feed cuts it even more. down and that it is of more value as a feeding ground for corn roots than mulch

Cultivation that mutilates this mass should cut when it is about one-tenth in bloom. of roots in the top soil not only re-

moves the connection of the corn plant with this rich source of plant food but destroys its natural watergathering system.

From the great number of experimental studies that have been made would seem that the cultivation problem in the corn belt is to kill weeds as economically and as easily as possible without plowing so deep as to do harm to the plant in any way

and without making the surface soil unavailable to the roots for feeding purposes. Some of our present impleents for cultivation are design primarily to produce a mulch and stir There are many, how-

ever, that have been designed with special reference to weed control, such as the weeder. the spring-tooth harrow, and the surface cultivator. Local conditions will determine which of these can be used to the best advan-

When cut July 20, at n them into thin slices, put them with yield was 3,700 pounds an acre; cut them into thin slices, put them with August 8, with pods well formed, 5,700 two tablespoonfuls of butter in a pounds an acre; cut August 29, with beans half grown, 6.500 pounds an acre: cut September 12, with onefourth of the leaves yellow, 7,400 pounds an acre."

saucepan to cook until soft. Add tablespoonful of curry powder, on clove of garlic, one-fourth of a tea spoonful of ginger, one-half teaspoon ful of salt, one tablespoonful of one-half pint of stock, cool. Take three cupfuls of cooked rice, place around the edge of a platter, cut eggs into slices and place over the rice; over this pour the sauce, very bot Garnish with green pepper or sprigs

of parsley. Coconut Pie.-Line a deep pie plate with rich pastry and let stand in the ice chest for an hour. Beat four eggs one-half cupful of sugar, the rind of a lemon and add two cupfuls of milk. Sprinkle the top with a cupful of grated coconut. Bake in a moderate oven one hour. Rhubarb de Luxe .- Take four cup-

fuls of rhubarb cut into small pieces The hen is the most efficient of farm two cupfuls of granulated sugar, on nimals in producing food, states an half teaspoonful of mace, one-fourth teaspoonful of cinnamon, twelve whole It has been said that there is no cloves, one large orange. Place the ingredients together in a well-buttered gain without a loss. In other words, casserole, adding the rind, juice and pulp of an orange. Cover and bake until the rhubarb is tender. If very Julcy, uncover the last fifteen minutes A man who does not keep his live stock well supplied with water is not of cooking. only a poor farmer; he is a mightw poor kind of man. Crackerlack .-- Take one .cupful each

of brown sugar and extracted honey, boil until it hardens in cold water For the city man a home garden does Remove from the fire, add one-balf teaspoonful of soda and all the pop-corn or puffed rice or wheat you can more than produce some vegetables for the table; it produces a real apin. Add a few shelled and press into a well-greased dripping Early cut hay is best for dairy cattle. Greater milk production and neaithier cattle will result. Clover is

pan.

healthier cattle will result. Clover is best when cut at or fust before the Nettie Maxwell, full bloom stage.



#### SHOWING COAT AND PARTY DRESS

instanced in this illustration, or de" flowerlike colors like those worn by fining self-toned block patternings or her elders. Taffeta, made with fitted jacquard effects. The straightline short-waisted bodice and full skirt, wrap-around modes fastening with a much heruffled and beribboned, is decorative button are preferred. chosen in corn-color, pink, peach, pow-For wear over lingerie and sheer frocks these knitted costs are en-trancing. The colors which glorify them contribute a summer loveliness contrasting color, are shown in frocks to the costume. The all-white knitted with flaring skirts, usually set onto wrap leads, perhaps, in popularity al-though the competition is keen among with lace. Plaits are freely used as a to deep rose, powder blue, lariot and to deep rose, powder blue, lariot and gay yellow. Double-breasted coats of two colors, or sliver and a color, in a o-toned mottled jersey are a fall item. twisted girdle finished with a re Before the littlest Parisienne is brings a plaited georgette frock to the in gaments that differ from those

JULIA BOTTOMLET. of her brothers, and this difference (@. 1935. Westers Newspaper Unlos.)

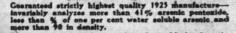
MOTHER :- Fletcher's Castoria is especially prepared to relieve Infants in arms and Children all ages of Constipation, Flatulency, Wind Colic

letche

and Diarrhea; allaying Feverishness arising therefrom, and, by regulating the Stomach and Bowels, aids the assimilation of Food; giving healthy and natural sleep.

To avoid imitations, always look for the signature of Chart Hetchere Absolutely Harmless - No Opiates. Physicians everywhere recommend it.





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ommended as highest quality obtained by Geo e Board of Entomology, who purchase from us y 7 castract several millions of peusde. You Take No Chances With DELTA BRAND! Who or Write for Particulars COMMERCIAL CHEMICAL CO. S, TENN. (Sout

Mark off into squares.