PULLETS AIDED BY

ARTIFICIAL LIGHT

No Danger to Health From

Winter Program.

By Prof. L. E. Weaver, New York State Col-

lege of Agriculture.-WNU Service.

do not harm the health of pullets.

Early-hatched pullets, subject to a

molt, may be materially aided during

institutions long ago established many

facts about the use of lights. Those

Extensive tests at Cornell and other

Artificial lighting helps to increase

Lights have little value after April 1.

Abandonment of lights must be grad-

ual to avoid a drop in egg production.

Eggs can be produced more econom

ically during the winter under lights

Lights give greater and cheaper pro-

Annual pullet production is increased

Late-hatched pullets mature earlier

Annual income is definitely increased

In general, lights have more effect

on flocks of low or medium egg-laying

Of all methods, probably the use of

Better Than "Loafer's"

A fast working hen not only lays

more eggs than the loafing hen, but her

partment of Agriculture has learned, is

closely linked with high egg produstion.

than those retained longer. An egg's

Why Pullets Are Poor

ing is quite common in flocks. Putting

such "bossed" birds by themselves will

"Strains" More Popular

Select Breeders Early

strong, straight legs set squarely be-

a family of birds.

neath the body.

Peanut Butter

lights in the morning and in the eve-

ability than on high producers.

ning is the most satisfactory.

eggs usually hatch better.

ature as the hen's body.

27 hours.

Busier Hen's Eggs Hatch

duction of eggs during the winter,

when egg prices are relatively high,

but lower production in spring.

this period by the use of lights.

that apply to pullets are cited:

than under natural conditions.

winter egg production.

slightly by lights.

under lights.

by lights.

Artificial lights in the poultry house

SYNOPSIS Shortly after California's admission to the Union, Joe Kincaid, an American land-grabber, begins to plunder Spanish ranchos and file claims on them under American laws. He is opposed by a band of Spanish vigilantes led by a mysterious Don Carlos. When Jim Kearney, a secret government agent traveling incognito, rescues Kincaid from a vigilante hanging party, he wins the latter's confidence and becomes a member of his gang. Later, he meets Rosita, daughter of a high-caste Spanish family, and falls in love with her. In an encounter with the vigilantes, Kearney suspects that the mysterious Don Carlos is none other than Rosita in disguise. Meanwhile, Kincaid finds out that Kearney is a government agent and plans to kill him when they raid the ranch of

CHAPTER IX.

THE Castro ranch house was blaz ing with light. A party was being held there for the purpose of announcing Rosita's forthcoming mar-

ing with happiness, but hers was sad despite her efforts at ь iety. "Look at my young people," cried Castro, as he watched the couple and swayed his head to the mupiness shines from

Rosita's father.

them, does it not?" "Humph!" sniffed Dona Petrona. manded brusquely: "Are you going late."

through with this?" "Of course I am! Why not?"

grily. Haven't you any courage? You and Kearney in front. aren't you?" hate him." Rosita's eyes flashed. | place, do you?"

on your knees."

Americans." "I'm not your age. They say the brutes make good husbands."

I guest who came into the room lead-| showed that one of the horses was ing Phineas and Pancho.

"Are you Rosita?" asked the latter. "Well, we just came to tell you whirled his horse around and that the devil has accepted your invitation. He's coming to the party

Her face white and her hands trembling, Rosita slipped away from curse as he realized that the shot the crowd to rally her Vigilantes. But for once her frantic messages remained unanswered. Her former followers considered her a traitor to their cause and refused to gather as

Desperately the girl dressed in her masculine garb, mounted her of the little hill, he stopped for a white horse and rode forth to rally moment, at a loss as to which rider ed Gomez, but he flatly refused to white horse gave him the clue and call the others.

he said slowly. "They will not come." so she rode fast and well, leaning "It isn't just a meeting. Gomez," over her mount's neck and urging Don Luis was dancing with his answered Rosita, almost ready to him forward by every possible

"Carlos!" gasped Kearney, as he

spurred it forward. caid. A moment later a bullet whined

"Now's your chance," yelled Kinpast the Federal Agent's head. He ducked, looked back, muttered a came from behind.

proaching horseman almost as soos as she had dismissed Gomez. Immediately she spurred her horse in the opposite direction. When Kearney reached the top

Rosita caught sight of the ap-

the clan personally. First she locat- to follow. Then the flash of Rosita's he thundered forward. "They do not trust you, Senorita," Rosita was unhampered by skirts



Don Luis was dancing with his betrothed. His thin face was beaming with happiness, but hers was sad despite her

efforts at galety.

our rancho . . . Kincaid is coming!" | es, snatched a carbine from its "In that case, Senorita, they will saddle holster, took steady aim and

had been approaching the Castro the spot where the supposed Don "Haven't you any of my blood in home at a steady trot. They rode in Carlos had fallen.

"Pish-posh! He is the man you "I thought you said you didn't ask His heart beating madly, Kearney love and if you were worth your salt | questions," grunted Kincaid as he | leaped from his horse and stoope you'd go to him, if you had to crawl winked at one of his men who grin- over the unconscious girl. She & ned appreciatively. Suddenly he not move. He pressed his car against "But you didn't like him. You hate stopped his horse, "Look," he whis- her breast but the thump of his own

pered hoarsely. could be seen the silbonettes of two allve or dead, The dispute that integrapted by a horsemen. The bright mecalight "Regital" by 4

having put the hounds on his trail,

each one of them was willing and

eager to take advantage of the fact

that the hounds were on his trail. Al-

knew that he would be shot at again

if he should be driven where a hunter

The ground was damp, and scent

of to make those hounds lose the

no rest. He was becoming very, very

even though she should escape the

hunters, it would be to meet an even

more terrible death unless he could

stop. Then those hounds would

It was then that he remembered the

Big River. He turned toward it.

the baying of the hounds.

always lies best on damp ground. This

he was in danger of losing his quarry, Kearney at a s t

jerked back on its haunch-

"Go get them, then!" she cried as Far in the distance he saw the As Rosita passed her after the music she set spurs to her horse. "Bring white horse stumble, then fall, stopped, she stopped the girl and de- them to the rancho before it is too throwing its rider over its head. With a shouted of mingled delight While Rosita and Gomez were and regret, the American urged his talking. Kincald and his followers own horse forward until he reached

your veins?" cried the old lady an- dense formation with their leader Rosita's hat had been thrown of and she now lay in a pool of moonare in love with that American, "Why're we going in this direc- light, one arm under her head as tion?" asked Jim at last. "You don't asleep, with her luxurious dark hair "He is a liar and a traitor. And I expect to find him near the Castro spread out over the ground like at

> arteries prevented him from floor On top of a little hill not far away oring whether the stel in board I

## by Thornton W.

HOW LIGHTFOOT GOT RID OF | hunters looking for him was guilty of THE HOUNDS

DOOR LIGHTFOOT! It seemed to him that there were no such things ready he had been shot at once, and he as justice and fair play. It was bad enough to have hunters searching the Green Forest for him, watching at th places where he was accustomed to drink, searching every hiding place. Had it been just one hunter at a time against whom he had to match his made it easy for the hounds to follow wits it would not have been so bad,



On the Bank the Hounds Stopped and Bayed Their Disappointment.

but there were many hunters with ter- pieces. rible guns looking for him, and in dodging one he was likely at any time to meet another. This in itself seemed | was his only chance, and he knew i terribly unfair and unjust. But now, across the Green Meadows to the bank

ness of being trailed by hounds. Do you wonder that Lightfoot hind. The hounds were almost at his thought of men as utterly heartless? heels. Lightfoot hesitated no longer, You see, he could not know that those but plunged into the Big River and but had left home to hunt for their hounds stopped and bayed their disapown pleasure. He could not know that pointment, for they did not dare follow it was against the law to hunt deer Lightfoot out into the Big River. with dogs. But though none of those

cleanser applied on a soft cloth will be me

as effective as is necessary.

severe clean't In most cases a mild are the bleatings of

@ T. W. Burgess .- WNU Service. In cleaning enamel and porcelain! The hostess who adds colorful new tion. There are two subjects to be bathroom articles, be careful not to use cretonnes to her living room now an- written about, one is "Grasshopper" too strong a solution of cleansing ma- ticipates spring by a few months. Lovely these subjects alike or are they differterial. One cause of difficulty in removing water stains from some tubs new designs feature field flowers on ent, and why? may be found in the fact that the finish either white or black backgrounds. has been on fally removed by too Some of the glazed cretonne curtains

Dear Mr. Wynn: My wife and I have saved up \$40.

Now she wants to buy a cow and I want to buy a bicycle. I claim she'll look funny riding around town on a cow. Am I right? Truly yours, WATTEL I. DEW.

Answer: She sure would look funny

riding a cow, but no funnier than she'd look milking a bicycle. Dear Mr. Wynn:

While walking yesterday I saw a man with a tin cup in his hand and give them more of a chance to get at a sign on his hat which read: "Please the hoppers and therefore eat more 1-7-4t help the blind." I dropped 10 cents feed. The other way to correct this , in his cup, then, looking at him, I saw condition is to put more feed hoppers him with their wonderful noses. Light- he was only blind in one eye. Did I do in the pens.—Montreal Herald. foot tried every trick he could think wrong to give him a dime?

Yours truly, MISS TAKEN. "If only I could make them lose it long enough for me to get a little rest, him a dime. As he was only blind in "purebred" is a hangover hom and Joseph Graboski and Bertha Graboski, "purebred" is a hangover hom and Joseph Graboski and Bertha Graboski, it would help," panted Lightfoot as he one eye, you should have given him earlier days of the poultry business paused for just an instant to listen to a nickel.

But he couldn't. They allowed him Dear Mr. Wynn:

panted for breath. He realized that looking youth"? Truly yours, B. U. TEEFUL. Answer: The best way for a woman get rid of those hounds. There would to keep her "youth" is not to introcome a time when he would have to duce "him" to any other women.

catch up with him and tear him to Dear Mr. Wynn: I am a boy seventeen years of age. I am crazy about a girl my own age. I told my father that I was in love. He looked at me for a moment, then said: "My son, love is like a plate of breeding pen and these should be carehash!" He then walked away from fully culled before final selection. The of the Big River Lightfoot ran. For me. What did he mean by comparing

just a second he paused to look be- "love" with a "plate of hash?" Truly yours, WILL HUGH ANNSER. Answer: He has experience, my boy. What he means is "you must have

Dear Mr. Wynn: I am a boy twelve years of age and have just entered an essay competi-

Sincerely. item because of its high nutritional . I X. AMPLE. Answer: They are exactly alike be value. The first peanut buter to be sold don't 'n both jump at the first commercial' through the grocery trade a...

ervice.



A future champ does a little preliminary work and at the same time demonstrates how smiles may be brought to the faces of small victims of infantile paralysis. Funds collected at the President's Birthday Ball helped him.

James F. Evans, Solicitor

Lewis O. Williams Ethel Williams

Hatchability, the United States De- In the Circuit Court for Cecil County,

It found that eggs which remain in The object of this suit is to procure a the hen's oviduct 24 to 27 hours before divorce a vinculo matrimonii of the they are laid are more likely to hatch | Plaintiff from the Defendant.

in Equity. No. 5158 Equity Docket

hatching qualities apparently are af- The Bill states that on the 7th day of fected by the hen's body temperature March, 1925, the Plaintiff and the Dewhen they remain in the body more fendant were married, and since that than 27 hours. Eggs incubated in an time have been and still are husband incubator at a temperature of 105 de- and wife; that the Plaintiff has been a grees to 107 degrees Fahrenheit, the resident of Cecil County, Maryland, for hen's normal body temperature, seldom more than two years last passed, but the hatch. When kept warm by the sitting said Ethel Williams resides in the City hen, eggs never reach the same temper- of Wilmington, Delaware, or elsewhere beyond the jurisdiction of this Court; Lazy hens which lay, say, two days a that sometime in the month of June, week often keep the eggs in the oviduct 1929, without any just cause or reason and uterus as long as 30 hours before laying them. On the other hand, the tests show hens which lay six days a week seldom retain the eggs more than the has lived separate and apart from the has lived separate and apart from the him: that the Plaintiff treated his wife. him; that the Plaintiff treated his wife, while they lived together, with every consideration, provided for her and gave Feeding Mash and Grain her no just cause for her abandonment The amount of grain fed to chickens and desertion as aforesaid; that the dedepends upon the season of the year, sertion above complained of has been and the condition and production of continuous and uninterrupted since the birds. The proportion of the June, 1929; that the same was deliberate grain to the mash is as important as and final and there is no reasonable exthe amounts of either. If the mash pectation of a reconciliation between mixture fed is low in protein, less the parties; that no children were born

grain should be fed than when a mash of said marriage. The amount of mash consumed is reg- The Bill then prays for a divorce a ulated to a great extent by the grain vinculo matrimonii and for such other fed. At the beginning of the laying and further relief as his case may reyear the birds should consume slightly quire.

more grain than mash. The proportion of grain will be decreased as produc- It it thereupon this 6th day of January tion increases and as the season ad. A. D. 1937, adjudged and ordered that The Perfect Fool | vances until the birds are eating near- the Complainant by causing a copy of ly equal parts of grain and mash. As this order to be inserted in some newsa general rule, feed the layers so as to paper, printed and published in Cecil have them eating slightly more mash County once in each of four successive than grain per day during the period weeks before the 8th day of February, of highest egg production.-Los An- give notice to the said absent Defendant of the object and substance of this Bill: and warn her to appear in this Court in person or by solicitor on or before Many pullets are poor and scrawny the 25th day of February next, to anbecause they do not get enough to eat. And the reason they lack feed is that swer the premises and show cause if they are "crowded out" at feeding time any she has why a Decree ought not to

by the bosses of the flock. This boss- be passed as prayed. WALTER E. BUCK, Clerk.

WALTER E. BUCK, Clerk. T. M. Harrington and H. C. Constable

Solicitors Order Nisi

.Thomas M. Harrington, Assignee &c..

when purebreds were the exception In the Circuit Court for Cecil County. In Equity, No. 5140

rather than the rule. In those days purebreds really meant something: ORDERED, By the Circuit Court for I have read a great deal about they were a big improvement over to Cecil County, in Equity, this 28th day of tired. He could no longer bound light- beauty doctors and so-called face lift- vast numbers of mongrel chickens that December, 1936, that the sale of the ly over fallen logs or brush as he had ers. Can you tell me the best way for cluttered up the countryside. Today, Real Estate mentioned in these proceeddone at first. His lungs ached as he an aging woman to keep "her good people give more attention to "strains" ings, made and reported by Thomas M. of a given breed or variety than they Harrington, Assignee, of Mortgage, in do to purebreds. A strain is merely the above cause described, be ratified and confirmed, unless cause to the contrary thereof be shown on or before the 2nd day of March, 1937, provided a Breeding hens and males should be copy of this order be inserted in some selected and mated as early as pos- newspaper printed and published in sible, advises an expert at the North Cecil County, in the State of Maryland, Carolina State college. This insures once a week for One Month before the

fertile eggs for early hatching. Only 29th day of January next. those hens with a good record of egg | The report states the amount of sale production should be selected for the to be \$2000.00.

WALTER E. BUCK, Clerk. hens should be alert and active with True Copy-Test: a long, deep body, a full breast, and 12-31-5t WALTER E. BUCK, Clerk.

No matter how many medicines you have tried for your cough, chest cold or bronchial irritation, you can get re-High In Nutrition It was about the end of the nineteenth century when the discovery was made not afford to take a chance with anythat a very palatable butter or paste thing less than Creomulsion, which could be obtained by grinding peanuts, goes right to the seat of the trouble to aid nature to soothe and heal the which later became known as peanut inflamed membranes as the germ-laden

butter, and today is an important food phles sened and expelled. er remedies have failed, couraged, your druggist is guarantee Creomulsion your money if you are not results from the very first

Crippled Youngster Learning to Dance



Last year 10-year-old Shirley Peknay, of Brooklyn, went to the Roosevelt Birthday Ball in braces which she wore on a leg semiparalyzed as the result of infantile paralysis. This year Shirley, after an operation made possible by funds raised through the Roosevelt Birthday Celebrations for aid of infantile paralysis sufferers, is essaying her first dance steps with the assistance of Arthur Murray, noted New York ballroom dance expert. Mr. Murray has originated a new waltz, the Washington, which is being introduced at the New York celebration in honor of President Roosevelt.

READ THE STAR FOR ALL THE NEWS



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