How to Raise Poultry

By Dr. L. D. LeGear, V. S.
St. Louis, Mo.

Dr. LeGear is graduate of the Ontario Veterinary College, 1892. Thirty-six years of veterinary practice on diseases of live stock and poultry. Eminent authority on poultry and stock raising. Nationally known poultry breeder. Noted author and lecturer.

THE NEW A-B-C OF POULTRY RAISING

The Question of Vitamines and Their Value in Poultry Feeding Is of Paramount Importance.

"Professor," inquired a student in one of our agricultural colleges, "you say we don't know what vitamines are; then, how do we know what life is?" retaliated the instructor. When the pupil admitted that he did not, the professor crisply retorted, "Still, you're reasonably sure that you're living, aren't you?" In that reply lies the key to a proper understanding of the subject of vitamines by poultry raisers. True, we don't know what they are, but we know what they will accomplish and that is the main thing after all.

Of the four know vitamines, A, B, C and D, proper understanding of the functions of the first and fourth is of paramount importance to poultry raisers. The other two may be ignored, as B is present in the outer covering of all grains and chickens do not seem to need vitamine C at all.

If feed is deficent in vitamine A, a disease called nutritional roup may develop. Matbre birds affected in this way will die in from four to twelve months and young chicks in from four to eight weeks. Since feeding the proper ration of vitamines A means a very considerable protection aginst this disease, it may seem that a proper understanding of the sources of this important vitamine is something worth considering.

Vitamine A is produced in all plants that grow in sunlight and is stored in the part that shows a green or yellow color at maturity. Thus we find it in yellow corn, the outer leaves of cabbage, the leaves of alfalfa and similar plants, in yellow carrots and in spoure oats, if they are sprouted in the presence of enough sunlight to insure a good green color. Any other kind are valueless. These are not the only sources of vitamine A, but they are the ones principally used in poultry feeding. Strangely enough, drying does not affect the vitmine content of vegetable products, a fact which accounts for the value of alfalfa hay, and meal, when used for winter feeding.

Another valuable sourcec of vitamine A is Cod Liver Oil. When a sufficient quantity of the products mentioned above cannot be obtained, Cod Liver Oil at the rate of about 2 per cent may be added to the mash to provide the necessary vitamine A content and also the equally valuable vitamine D.

Vitamine D, just mentioned, is important because without it the mineral elements of the fowls' ration intended to supply bone and egg shell will simply pass thru the system unused. In young chicks this appears as "leg weakness" or, more properly, rickets. Older fowls show a similar weakness when they are not getting enough vitamine D. They will also lay eggs with soft or extremely thin shells. Their eggs will also prove deficent in hatching qualities.

A peculiarity of vitamine D is that it can be found both in the feed or in the bodies of the birds themselves when exposed to direct sunlight. It must be direct sunlight, however, as only the ultra-violet rays produce vitamine D and they cannot pass thru ordinary window glass. The part played by ultra-violet rays in developing this necessary vitamine has been definietly established by experiments in the University of Kansas. Hens which were kept away from natural sunlight but exposed 20 minutes daily to artificially produced ultra-violet rays laid a normal number of eggs with satisfactory hatchability.

As previously mentioned, Cod Liver Oil contains vitamine D and if mixed in the same proportion as recommended for supplying vitamine A, it will supply the other one also. The oil is not an altogether dependable source of vitamine D, however. Some grades do not contain enough of it to be of any real value. So, whether you feed oil or not, see that your fowls get as much sunshine as possible. Let them out in the open whenever possible. Shelter them in the open front type house and keep it open as much of the weather will permit. When the house must be closed totally or in part, instead of glass use the new ultra-violet rays to pass thru. In your hens will lay more plentifully; then eggs will hatch better and the chicks will be free from leg weaknessess.

Thus it appears that the subject of vitamines is a fairly simple one, after all. Even if nobody does know anything about their chemical makeup, it is easy to see how they work and how to utilize their valuable properties in the proper nourishing of the poultry flock.

It's good printing you want—

THE CALL OF THE OUTDOORS

TRAILING ARBUTUS

"Let's go to the woods for trailing arbutus on Saturday", said Larry McGinnis to his chums. "The blossoms are just coming out in full bloom, and I like to get the first ones. They are bigger, and my mother says they are always much sweeter than the later ones".

"Aw, why Saturday," growled Joe Brady. "I would rather go Sunday; dad wants me to do some odd jobs about the yard on Saturday, and I need the two bits. My smokes are getting low".

"Smokes?" asked Larry. "Well, even if I must hurry around and go to church first, I'll go."

The other boys agreed, and on Sunday, as soon as the parental restrictions were lifted, one by one the crowd assembled at the village schoolhouse, Joe with his cigarettes and plenty of matches, and the balance of the gang burning with curiousity and hankering to try it themselves if it didn't kill Joe.

Away they went, arbutus hunting, but some not much interested in the bouquet of the sweet-scented little gems of the forest for Larry's mother.

Off over the hills to old farmer Dimm's woods, a merry crowd. On the post at the bars was an Izaak Walton League sign, "PREVENT FIRES AND SAVE TIMBER", but only Joe saw it. And he said nothing. He did not want his plans to show his pals what a grown-up man he was, to go awry.

Several of the boys joined Larry in diligently seeking the fragrant little blossoms, but the other three were more intersted in sticking close to Joe.

Everything went along lovely until Joe became careless. First he dropped a lighted match. Later he dropped the stub of a "burn-to-the-end" cigarette and then ran along sweetly, the bursting buds, the carpet of many years, and the entire forest was a place of joy.

In 1927 there were 158,000 of these forest fires in the United States, many of them started in the same careless way. The damage than all the money spent by the states and the government combined to prevent forest fires.

Our former President, Calvin Coolidge, summarized the situation fully in the following words.

"Flourishing woodlands mean more than timber crops, permanent industries, and an adequate supply of wood. They minister to our need for outdoor recreation; they preserve animal and bird life; they protect and beautify our hillsides, and feed our streams; they preserve the inspiring natural enviroment which has contributed so much to American character." "CARELESSNESS WITH FIRE IS A CRIME AGINST HUMANITY", says the Izaak Walton League of America. "PREVENT THEM!"

Gasoline Pumps Must Be Sealed

County Sealer of Weights and Measures, A. W. Corwin, calls attention to a new law relating to gasoline pumps which went into effMay 1st, 1929.

This law requires that all new installations shall be properly made and adjusted to give correct measure, and that the pump must be tested by the sealer of weights and measures before being used for dispensing gasoline. Mr. Corwin understands this to mean that the pump shall be securely fastened to a firm foundation and be in condition to continue to deliver correct measure for a reasonable length of time.

There is also a state regulation covering gasoline pumps that requires all station owners to have proper, sealed measures and to test their pumps sufficiently often to be sure that correct measure is being delivered.

Homespun Yarn

To alternate two pairs of shoes is more economical than to wear one pair continuously.

Carefully scrape soiled dishes and cooking utensils to prevent grease-clogged sink drains.

The efficient parent makes use of the child's early years to implant desirable habits.

Light colored walls in the kitchen reflect and distribute both artificial and natural light.

Green vegetables may lose their color from over-cooking or from acids or because the kettle is uncovered.

SIX WEEKS EARLIER THAN LAST YEAR

THE COAT SUIT & DRESS CO. INC. "The Women's Shop at Hornell"

Starting TOMORROW

ANY COAT

THE COAT SUIT & DRESS CO. INC. "The Women's Shop at Hornell"

ONE-HALF PRICE

Starting tomorrow—Every Coat in our regular stock—nothing brought in for sale purposes—will be closed out at half price.

The sale includes every tailored coat, every sport coat, every novelty coat, every dress coat, every silk coat, every fur-trimmed coat. All sizes for women, misses. All shades. All sizes and styles.

THE UNSEASONABLE WEATHER IS THE CAUSE

Over 1000 Coats—Every one at exactly half-price.

COATS THAT WERE

$10.00 Now	$5.00	$30.00 Now	$15.00
$15.00 Now	$7.50	$32.00 Now	$16.00
$18.00 Now	$9.00	$35.00 Now	$17.50
$20.00 Now	$10.00	$37.50 Now	$18.75
$22.00 Now	$11.00	$39.50 Now	$19.75
$25.00 Now	$12.50	$42.50 Now	$21.25
$28.00 Now	$14.00	$45.00 Now	$22.50

1800 Dresses In This Sale

1800 Dresses In This Sale

One Dollar Sale

THE $1 Dress Sale Will Be Continued this Week for the Benefit of Those Who Couldn't Come Last Week on Account of Stormy Weather

$5.00 DRESSES FRIDAY AND SATURDAY 2 for $6.00
$10.00 DRESSES FRIDAY AND SATURDAY 2 for $11.00
$15.00 DRESSES FRIDAY AND SATURDAY 2 for $16.00
$25.00 DRESSES FRIDAY AND SATURDAY 2 for $26.00
$35.00 DRESSES FRIDAY AND SATURDAY 2 for $36.00

MISSES SIZES 14-20—WOMEN'S SIZES 35-44—STOUT SIZES 46-56

No Refunds—No Exchanges—Each Sale Must Be Final at These Prices—All Sales For Cash

L. & C. Coat, Suit and Dress Co.
"The Women's Shop of Hornell"
102 Main Street, Hornell, N. Y.

Country Correspondence

South Hill

May 1.—Welcome to the May Day.

Quite a flurry has been caused in potato stock, by an advance in price to 50 cents. In the past week Lynch brothers have delivered many hundred bushels to market by truck and horse power.

Harry Kemp of Andover and county officials were business visitors on the hill one day last week.

Mr. and Mrs. A. Dougherty and Mr. and Mrs. H. Dean were Sunday guests with their parents, Mr. and Mrs. J. Daniher of Wellsville.

Mr. and Mrs. Walter Rosell and Miss Marie Leo of Wellsville were callers at the Dean and Dougherty homes one evening this week.

May 7.—Spring is still eluding us, but will soon have to come out in the open. The sooner the better for the waiting farmers.

Mr. and Mrs. Donald Smith visited his sister, Mrs. Leo Horan and family last Thursday.

We have read of Andover's most elderly people recently celebrating their birthdays. We are now pleased to note the name of our oldest lady, Mrs. Catherine Dean, who celebrated her 82nd birthday on May 1st, as hostess at a six o'clock family dinner. Mrs. Dean is quite active, still capable of "keeping the home fires burning," for the son remaining with her. Having always been interested in current events of the day, she finds failing eyesight now a handicap to her enjoyment of reading as much as formerly. Her friends, who are legion, wish her many happy returns of May 1st.

Mr. and Mrs. H. Dean, Mrs. Margaret Dean and Mrs. A. Dougherty were Wellsville visitors, last Friday.

Edward McAndrew has purchased a tractor for his farm work.

Mr. and Mrs. Cronk were Andover visitors Saturday afternoon and evening.

Mr. and Mrs. Peter Lynch motored from Hornell Sunday for a visit with Lynch brothers.

Mrs. John Daniher of Wellsville spent Sunday with her daughters, Mrs. Dean and Mrs. Dougherty and families.

George Youmans was a Saturday night visitor in Hallsport.

Mr. and Mrs. Leo Horan and little sons spent Sunday with Andover friends.

Clarence Cronk was an interested court attendant in Belmont the first of the week.

Leo Snyder of Andover visited dairies in this locality, Tuesday.

John Dean of Buffalo is doing business on the hill.

Annual school meeting Tuesday night.

Potato buyers are now looking for our tubers and wise-acres prophesied that farmers would be throwing them afield in the spring. Potato stock about as good a gamble as Wall Street stock.

Davis Hill

Mr. and Mrs. L. E. Davis, Mr. and Mrs. Leo Davis and children were visitors at Floyd Slocum's, Sunday.

Mr. and Mrs. Frank Halsey and son and Mr. and Mrs. Lawrence Ordway visited at Cass Kenyon's Sunday.

Mr. and Mrs. Leeman Davis visited her parents, Mr. and Mrs. E. Carson on the Wellsville road Sunday.

Miss Marion Clark returned to her home on Hartsville Hill, Sunday.

Mrs. Sophia Slocum returned to her home at Floyd Slocum's Wednesday after spending two weeks guest of her sister, Mrs. Albert Robbins of North Bingham.

Mrs. Glenn Amesbury is assisting at the home of Burrell Williams this week.

District No. 6 held their annual school meeting Tuesday evening, Floyd Slocum being re-elected trustee; L. E. Davis collector and Leo Davis clerk. There was a good crowd out. It was voted to paint the school house this year, inside and out. Miss Genevieve Clark was hired as teacher for the next year, boarding at Floyd Slocum's. This makes the sixth year Miss Clark has taught this school and has given perfect satisfaction.

Quality Printing at the News Printng House.

Independence

Miss Mary Etta Spicer was a guest over the week-end of Miss Jane Crandall in Alfred.

Everett Harris of the Theological Seminary at Alfred spent from Friday until Sunday at R. E. Spicer's.

C. M. Crandall is ill with grippe.

John Jarvis Lewis cerebrated his birthday, Friday evening. A few of his boy friends were his guests.

S. W. Clarke was in Alfred, Sunday.

Eugene Crandall of Alfred was visiting on the hill over the week-end.

Mrs. S. W. Clarke is ill again.

Mrs. Oscar A. Potter passed away Saturday evening. Her funeral will be held Monday p. m.

Mrs. Rose Maxson of Alred and Mrs. Rose Maxson of Alfred and have been assisting in the care of Mrs. Potter.

Barney Mills

Mr. and Mrs. Sherd Austin entertained Hornell relatives from Thursday until Sunday.

Miss Margaret Taylor of Whitesville spent the week-end with Leona Tracy.

Miss McCormick has been teaching the Marsh school the past week.

Mr. and Mrs. Fred Updyke and son took in the show at Hornell on Saturday night.

Mr. and Mrs. A. W. Edwards and son were visitors at Elm Valley on Sunday.

Miss Lila Austin of St. James Mercy hospital is spending her vacation at her home here.

A party of 12 relatives from Barney Mills, Andover and Wellsville, were Sunday dinner guests of Mr. and Mrs. Wm. Pease of West Greenwood.

Greenwood

Ezra Carney, aged 60 years, died at his home here Saturday. The funeral was held at the M. E. church Tuesday at 2 o'clock, and burial in Greenwood cemetery. He leaves his widow and two children, a daughter, Mrs. Mass Blair of Rough and Ready and a son, Nelson at home also three grandchildren, one brother, Jessie Carney of Canisteo, two sisters, Mrs. Aden Miner of Hornell and a sister in the West, besides other relatives and friends.

Mr. and Mrs. John Rogers, Jr., and two daughters visited Mr. and Mrs. Lawrence Knight at Bennetts, Sunday.

Roy Stephens of Norton Hollow was a caller in town, Tuesday.

Mr. Lockwood of Corning is wiring A. L. Trowbridge's house for electricity.

Ernest Trowbridge and Mrs. Clara Emery of Buffalo spent the week-end with Mr. and Mrs. Judd Sampson.

Mr. and Mrs. Clifford Caffery of West Hill called on their grandparents, Mr. and Mrs. A. L. Trowbridge, Sunday evening.

V. King and son of Slate Creek were callers in town, Monday.

Melvin Henderson is papering and plastering Frank Kenney's house.

Mr. and Mrs. Ordo Williamson and children visited relatives in Young Hickory, Sunday.

Miner Streeter and his mother, Mrs. Alice Streeter, called on Mr. and Mrs. Floyd Smith in Canisteo, Sunday.

Mr. and Mrs. Frans Terbury of West Hill were shopping in town, Monday.

Mr. and Mrs. Guy Drake and family spent Sunday with Mr. and Mrs. Archie Mallotte in Milwaukee.

Albert Caffery spent Sunday night and Monday with Mr. and Mrs. A. L. Trowbridge.

Miss Agnes McCaffery spent the week-end with her parents, Mr. and Mrs. H. C. McCaffery of Milwaukee.

Mr. and Mrs. Clair Updyke and Mrs. Frank Updyke visited Mr. and Mrs. W. Quinlin in Syracuse, Sunday.

Mr. and Mrs. A. L. Trowbridge visited their daughter and family, Mr. and Mrs. H. C. Caffery in Jasper, Sunday.

The Whitmore boy who had both legs broken is getting along fine.

Notice to Creditors

Pursuant to an order of Hon. Guy O. Hinman, Surrogate of the County of Allegany, notice is hereby given to all persons having claims against the estate of Randall Pease, late of Andover, N. Y., deceased, to present the same with proper vouchers thereof to the undersigned Executor of said Estate, at the Law Office of Crayton I. Eacley in the Village of Andover N. Y., on or before the first day of September, 1929.

Dated this 15th day of February, 1929, at Andover, N. Y.

A. R. MEAD, Executor
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To save left-over egg yolks cover them with cold water and keep them in the refrigerator, or drop them in boiling water and cook them until hard. If cooked, when the yolk is cold, press it thru a sieve and keep it to garnish creamed dishes or salads.

Coffee is a very important item in the breakfast of most families. Morning Delight must hits the spot.—Advertisement.

Citation for Probate of Will

The People of the State of New York:
By the Grace of Good Free and Independent
To Anna Barber, Kenneth Green, Lottie Harder, Glenn Lee and all other heirs at law and next of kin and all other persons interested in the estate of L. H. THOMPSON, late of the Town of Andover, N. Y., deceased, whose names and places of residence are unknown, send GREETING:

Wherean, Andrew D. Fuller, who resides at Andover, N. Y., has lately applied to the Surrogate's Court of our County of Allegany, to have a certain document in writing relating to both real and personal property, duly proved as the last Will and Testament of L. H. THOMPSON, who was at the time of his death a resident of Andover, N. Y., deceased.

Therefore, you and each of you are cited to show cause before the Surrogate's Court of our County of Allegany, at the Surrogate's Office in the Village of Belmont, N. Y., on the 17th day of May, 1929, at ten o'clock in the forenoon of that day, why the said Will and Testament should not be admitted to probate as a will of real and personal property.

IN TESTIMONY WHEREOF, we have caused the Seal of the Surrogate's Court of the said County of Allegany to be hereunto affixed.

WITNESS, HON. GUY O. HINMAN, Surrogate of said County, at Belmont, N. Y., (L. S.) this 17th day of April, in the year of our Lord one thousand nine hundred and twenty-nine.

LEON A. ACKERMAN,
Clerk of the Surrogate's Court.

NOTE:—This citation is served to give you Legal Notice of the proceeding; but you are not obliged to appear unless you desire to do so. 19

Makes Life Sweeter

Too much to eat—too rich a diet or too much smoking. Lots of things cause sour stomach, but one thing can correct it quickly. Phillips Milk of Magnesia will alkalinize the acid. Take a spoonful of this pleasant preparation, and the system is soon sweetened.

Phillips is always ready to relieve distress from over-eating; to check all acidity or neutralize nicotine. Remember this for your own comfort; for the sake of those around you. Endorsed by physicians, but be sure to get the genuine

PHILLIPS Milk of Magnesia

BRIEF BUSINESS BRINGERS

FOR SALE

FOR SALE—145 acres, dairy, hay, grain and potatoes; nine room residence, gambrel roof barn, cement stables. Other outbuildings. 19 head cattle, three horses, all tools and crops on hand; two and one-half miles from good market. Terms. Calhoun Agency, Andover.

FOR SALE—Seed potatoes. Good potatoe ground to rent or to work on shares. Wm. Hammill. 19p

FOR SALE—Choice Dahlia bulbs at the Variety Store. Mrs. Frank Houghtling. 19p

FOR SALE—Quantity of used lumber and one shed, 12x20. P. W. Richardson.

FOR SALE — To close estate, seven-room House with bath, on Pochambeau Avenue, Andover. Inquire of John Diffin or at Mina Diffin's office, Andover, N. Y.

BABY CHICKS

HOUGH HATCHERY NEWS—This is the month when the best possible chicks are produced. We have eight leading varieties. Breeders selected by Cornell experts for health, size, vigor and egg production. Male birds from pedigreed parents with records of 200 to 331 eggs. Better chicks cannot be hatched. Forty years a breeder. Shipper of chicks for 25 years. Prices low considering quality and breeding. Attractive anniversary catalog free. Hough Hatchery, Canisteo, N. Y. 20c

FOR RENT

FOR RENT — Good basement apartment, with all modern conveniences. E. J. Atwood.

LOST

LOST—Fine silver chain with grey stone pendent. Finder rewarded. Mrs. E. J. Loughlen. 19p

Every bedroom should have cross ventilation.

MOST people know this absolute antidote for pain, but are you careful to ask for Bayer when you buy it? And do you always give a glance to see Bayer on the box—and the word genuine printed in red? It isn't the genuine Bayer Aspirin without it! A druggist can always has Bayer, with the proven directions tucked in every box:

Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylicacid

RUGS

Dusted and Shampooed
TUESDAY and FRIDAY
(HANG CARD OUT FOR US TO CALL)
Laundry — Dry Cleaning — Carpet Cleaning
WELLSVILLE LAUNDRY & DRY CLEANING CO.
AGENTS—Fischer's Grocery — Guy Wood Garage

National Baby Week May 6 to May 13

C. F. BABCOCK CO. Inc
114-118 Main Street Hornell, New York

New York Offices 33 Mercer 101 West 37th

BABY WEEK

BABY WEEK SPECIAL
Sweater and Beret Set
$1.79

A new Slip-over Sweater of silk and wool—V and Crew necks—hand-embroidered with bird design. Colors: white, pink, light blue, maize, Lanvin green, rose beige, Lucerne blue and jockey red. Sweater and beret to match—infant's size only.

Novelty Sweaters—$1.25
The loveliest novelties you can imagine; hand-embelerred slip over with V neck and an equally pretty slipover novelty of silk and wool with the Jenny neck. White and blue, white and pink, blue and white, and pink and white.

Novelty Berets—75c
These cute little hats may be worn with any outfit or matched with novelty sweaters.

Hand-Embroidered Dresses and Gertrudes to Match
Dresses Gertrudes **$1.00**
Madeira hand-made dresses are so lovely on baby and when they may be bed for so little you will want to select several garments.

Machine-Made Dresses and Gertrudes to Match
Dresses Gertrudes **50c each**
Dainty little things trimmed with lace and embroidered like mother wished she had time to do.

Silk Dresses—$2.50
Exquisite little frocks of Capitol silk—the white silk that is washable—beautifully tailored and trimmed.

Carriage Cover Sets—$3.50
If mother wants a beautifully embroidered silk carriage cover and pillow to match, here are exquisite sets at $3.50—attractively boxed for giving.

Knitted Shawls—$1.00
One of these warm, comfy wool shawls will keep baby comfy and smart looking, too.

Crib Sheets—Special 29c
A baby week special—large size crib sheets of rubberized sheeting, 29c each.

Rubber Pants—10c and 29c
Of pure gum rubber—small size 10c and large sizes—the 29c Pants are Steins' full back ventilated style pants.

Infants' Dep't Second Floor

FEATURING the most exquisite fashions for wee ones. Replete with hand work, cut to just the right proportions, sensible as well as lovely. You will just fall in love with these individual fashions for baby—all the needfuls as well as the luxuries—fresh from their boxes for Spring and Summer—to tempt adoring parents and relatives with their attractive prices.

Vanta Baby Garments

Vanta garments fasten with little bows of tantalizing tape, easy to tie and untie and insuring a perfect fit without discomfort.

Made of the finest materials in winter and summer weights and thoroughly shrunk in the making so that they will not shrink when you wash them.

Vanta Vests	$1.00 to $1.75
Vanta Bands	60c and 95c
Vanta Binders	60c and 89c
Vanta Knities	$1.00
Vanta Knit Waists	50c
Vanta Training Pantie	70c
Silk and Wool Infants' Stockings	59c
Monette Baby Diapers—12 for	25c

Infants' Dep't Second Floor

Saves Disagreeable Laundry Work—Indispensible for Traveling

HELP BABY TO HEALTH With Gerber's Baby Cereal

EVERY day is full of adventure for baby. The quick doors is a real Fairyland, with and [illegible] to be made every minute. Let baby [illegible] able and comfortable [illegible] we call baby-hood in the soft, warm depths of a [illegible] Baby Coach.

For daily outings in the glorious sunshine and [illegible] fresh air that brings roses to baby cheeks, no carriage is half so fine as the Whitney. And for the long hours of quiet sleep giving strength to baby arms and legs, you will find that the Whitney is quite perfect.

The graceful, new styles in Whitney Baby Carriages are ready for you. The smart lines, exquisite finishes, and beautiful workmanship set them apart from all the rest. Be sure your baby's carriage bears the famous Whitney trade mark.

All Whitneys are moderately priced—they have no equals at any price!

AMCO PET
Non-Shrinkable Pure Australian
WOOL STOCKINGS
65c pair