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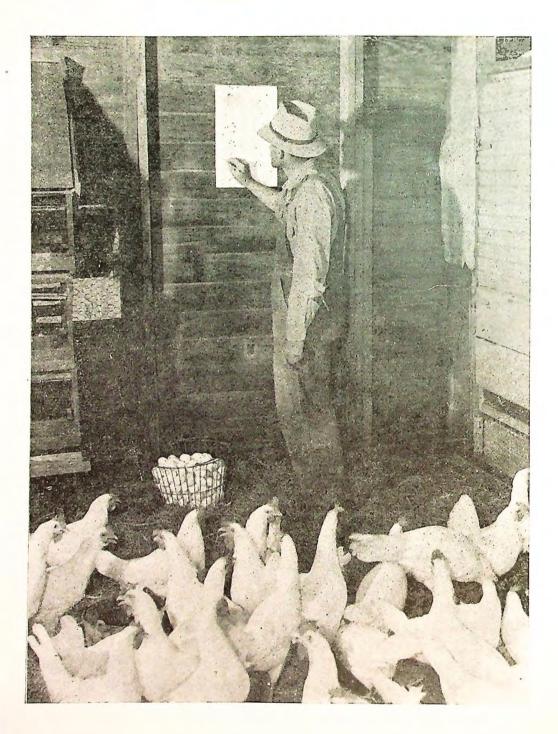
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1947

# **Poultry Calendar Texas Demonstration Flock**

Agricultural and Mechanical College of Texas

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Issued by The Extension Service Agricultural and Mechanical College of Texas and The United States Department of Agriculture Ide P. Trotter, Director, College Station, Texas

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# **Poultry Calendar**

By Ted Martin and W. J. Moore, Poultry Husbandmen Texas A. and M. College Extension Service

#### **Begin the Poultry Year Right**

INTELLIGENT planning is required to develop a really paying demonstration. It is not enough that records be kept. A carefully planned program directed toward eventual ideal management must be started if the record is to mean anything. The record then enables the owner to see the weak spots in the business so that they may be corrected.

Before starting the demonstration, take stock of every strength and weakness in your poultry business, remove every weakness possible, and plan at the outset how best to develop the most profitable management. As a suggestion, ask yourself these questions:

- 1. Have records been kept and what do they show?
- 2. How many hens will you keep and for what purpose?
- 3. Have houses and equipment been cleaned and disinfected?
- 4. Have you knocked loose a roost or two and looked for mites and blue bugs?
- 5. Have you examined a few hens for lice?
- 6. Does the flock show any signs of worms? When were they de-wormed last?
- 7. Are there two and one-half square feet of floor space for each hen in the poultry house?
- 8. Are there 3 inches of feeder space for each hen?
- 9. Do you provide 5 gal. water per each 100 hens?
- 10. Is there one nest for each five hens?
- 11. Do you feed a complete ration? Is it economical?
- 12. Does the flock need culling? Have you a large number of old hens that need replacing? Are your hens well bred as to laying ability?
- 13. Have yards been plowed? What provision have you made for green feed?
- 14. Is the poultry house comfortable, dry, well ventilated, and easily cleaned?

These questions and others will find out your shortcomings as a poultryman.

#### Some Tips on Keeping This Record

This record is not hard to keep but questions occasionally arise that the following suggestions may answer:

1. Charge all home grown feed used at its farm value. If the feeds are ground, include grinding charges.

2. Charge skim milk to the flock at about  $2\phi$  per gallon.

3. Include in the feed column all consumable items of expense of the laying flock such as: feed, grit, shell, worm remedies, and other medicines.

4. Keep in the chick expense column all chick expense, cost of chicks, feed, oil for brooders, and disinfectant. If chicks are home or custom hatched, charge full value of eggs and hatching cost.

5. Put all receipts for broilers, fryers, culled young stuff, in the chick receipt column. At the end of the season by subtracting receipts from expenses and dividing that figure by the number of pullets raised, you have the cost per pullet.

6. In noting both receipts and expenses, put in a full description of the item. It is just as easy to put down "500 pounds of mash" as it is to merely put "mash." It is no more trouble to put "65 broilers, 82 pounds at 21 e'' rather than just "broilers."

7. The value of eggs and fowls used at home should be credited to the flock.

8. When the record shows that culls were removed it should also show some value for them in the receipts.

9. Give all fractions in decimals.

10. The last column under receipts is left blank so the calendar may be fitted with any unusual type of poultry business. If the demonstrator's hatching egg business is large, or if he makes a business of selling pullets, or if capons are a specialty, or for any special type of receipts that differs from the usual, and on which he gets a goodly portion of his income, this column may be used by inserting the proper heading.

11. A handy hatching and brooding record is provided. A blank card in the brooder house to note death loss each week is all the extra information needed for this record. Costs and receipts on young stuff is kept from day to day as previously indicated.

12. Depreciation on building and equipment should be taken in account when setting down the end of the year's value on the building. If considerable repairs have been made during the year and their cost already charged in the monthly record, it is possible for a building to inventory at a greater value at the end than at the first of the year. This increased inventory balances repair cost.

#### Date Number' Eggs Hens Dicd Hens Culled 1 2 3 4 5 6 7 8 9 10 11 12 13 $\mathbf{14}$ 1516 17 18 19 20 21 22 $\mathbf{23}$ $\mathbf{24}$ 25 $\mathbf{26}$ 27 **2**8 29 30 TOTAL

#### November Poultry Receipts

Date	Amount and Description	Al Rece	l ipts	Eggs or Ea	Sold ten	Broil and F	lers ryers	Hens Roos	and ters	Misc lanco	el- us		
	Example:												
Nov. 7	30 doz. eggs @ 25¢	7	50	7	50				[			<u> </u>	
Nov. 14	6 hens, 32 lbs., @ 10¢	3	20	1				3	20				
Nov. 15	1 fryer, 3 lbs., eaten		60				60						
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		1											
		1			-								
	TOTAL	<u> </u>											

#### November Poultry Expenses

Date	Amount and Description	All Expenses		Feed— Grit, e	Shell tc.	All Chick Raising Exp.		Building & Equipment		Hired Labor		Miscel- lancous	
	Example:												
Nov. 5	400 lbs. lay mash @ \$2.15	8	60	8	60								
Nov. 14	1 chick feeder	1	50				50						
Nov. 25	6 pair hinges @ 20¢	1	20					1	20				
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Average No. hens for month.....

Total No. eggs produced.....

Average eggs per hen.....

Date

#### Number Eggs Hens Died Hens Culled

December Poultry Receipts

Date	Amount and Description	All Receipts	Eggs Sold or Eaten	Broilers and Fryers	Hens and Roosters	Miscel- laneous	
	TOTAL						
	Dec	cember Poultr	y Expense	s			

Date	Amount and Description	All Expenses	Feed—Shell Grit, etc.	All Chick Raising Exp.	Building & Equipment	Hired Labor	Miscel- lancous
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Average No. hens for month..... Total No. eggs produced..... ige eggs p

#### Date Number Eggs Hens Died Hens Culled · 3 $\mathbf{25}$ $\mathbf{26}$ TOTAL

#### January Poultry Receipts

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Date	Amount and Description	All Receip	nta	Eggs S or Ent	old en	Broile and Fry	rs vers	Hens a Roost	und ers	Misce lancou	l- S		
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	January J	Poultry	/ Ex	penses	¦								
Date	Amount and Description	Al Exper	l 18es	Feed— Grit,	Shell etc.	All Cl Raising	ick Exp.	Buildir Equipr	ng & nent	Hire Labo	d	Misc	el-
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	TOTAL		1										

Average No. hens for month..... Total No. eggs produced..... Average eggs per hen.....

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	Date	Number Eggs	Hens Died	Hens Culled
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#### February Poultry Receipts

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TOTAL	-
Date     Amount and Description     All Expenses     Feed—Shell Grit, etc.     All Chick Raising Exp.     Building & Hired Equipment	Miscel- lancous
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TOTAL

Average No. hens for month.....

Total No. eggs produced.....

Average eggs per hen

#### Number Eggs Date Hens Died Hens Culled <mark>۰</mark> 21 $\mathbf{24}$ $\mathbf{25}$ $\mathbf{31}$ TOTAL

#### March Poultry Receipts

Date	Amount and Description	All Receit	pts_	Eggs or En	Sold ten	Broil and Fr	ers yers	Hens Roos	and	M is lane	cel-		
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Average No. hens for month..... Total No. eggs produced..... Average eggs per hen.....

#### Number Egga Hens Died Date Hens Culled • 11 TOTAL

#### April Poultry Receipts

Date	Amount and Description	All Receipts	Eggs Sold or Enten	Broilers and Fryers	Hens and Roosters	Miscel- lancous	
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	TOTAL						

#### April Poultry Expenses

Date	Amount and Description	Al Expen	l 1503	Feed-Grit, o	Shell etc.	All Cl Raising	nick Exp.	Buildir Equipt	ng & nent	Hire Labo	d or	Miac laneo	el- ua
	TOTAL												

Average No. hens for month..... Total No. eggs produced..... Average eggs per hen.....

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TOTAL

May Poultry Receipts

Date	Amount and Description	All Recei	ipta	Eggs or Ea	Sold ten	Broil and Fr	ers yers	Hens Roos	and ters	Misc lanco	e]_ us	1	
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Average No. hens for month.....

Total No. eggs produced.....

Average eggs per hen.....

#### Number Eggs Hens Died Hens Culled Date 1 2 3 4 $\mathbf{5}$ 6 7 8 9 10 11 12 13 14 1516 17 18 19 20 21 22 23 $\mathbf{24}$ 25 $\mathbf{26}$ 27 28 29 30 TOTAL

# Amount and Description All Receipts Eggs Sold or Eaten Broilers and Fryers Hena and Roosters Miscel-laneous Image: Sold or Eaten <t

June Poultry Receipts

#### June Poultry Expenses

TOTAL

Date	Amount and Description	Al Exper	l	Feed Grit, o	Shell tc.	All Cl Raising	nick Exp.	Buildir Equipr	ng & nent	Hire Labo	ed or	Mise lanco	el- us
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	TOTAL							_					

Average No. hens for month.....

Date

Total No. eggs produced.....

Average eggs per hen.....

#### Number Eggs Hens Died Hens Culled Date $\mathbf{13}$ $\mathbf{21}$ $\mathbf{23}$ $\mathbf{24}$ $\mathbf{28}$ TOTAL

#### July Poultry Receipts

Date	Amount and Description	All Receipts	Eggs Sold or Eaten	Broilers and Fryers	Hens and Roosters	Miscel- laneous	
	τοται						
Date	Amount and Description	July Poultry	Feed-Shell Grit, etc.	All Chick Raising Exp.	Building & Equipment	Hired Labor	Miscel- laneous
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Average No. hens for month.....

Total No. eggs produced.....

Average eggs per hen.....

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Date	Number Eggs	Hens Died	Hens Culled
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TOTAL			

#### August Poultry Receipts

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Date	Amount and Description	1				All C Raising	hick Exp.	Buildin Equipr	ng & nent		red	Mis lane	scc]- tous
	Amount and Description	1				All Cl Raising	hick Exp.	Buildin Equips	ng & nent		red	Mis lane	scc]- eous
	Amount and Description	1				All C Raising	hick Exp.	Buildin Equips	ng & nent	HiiLal	red por	Mis lane	scc]- tous
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	Amount and Description	1				All C Raising	hick Exp.	Buildin	ng & nent		red por	Blis Jane	scc]- ious
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	Amount and Description	1				All C Raising	hick Exp.					Mislanc	scc]- ious

Average No. hens for month..... Total No. eggs produced..... Average eggs per hen.....

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#### September Poultry Receipts

Date	Amount and Description	All Receipts	Eggs Sold or Enten	Broilers and Fryers	Hens and Roosters	Miscel- lancous	
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Date		tember Pou	Itry Expen	SES All Chick Raising Exp	Building & Equipment	Hired Labor	Mise
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Date	Sep		1	1	Building & Equipment	Hired Labor	
Date	Sep		1	1	Building & Equipment	Hired Labor	

Average No. hens for month..... Total No. eggs produced..... Average eggs per hen.....

#### Number Eggs Hens Died Hens Culled Date 1 2 3 4 5 6 7 8 9 10 11 12 13 14 1516 17 . 18 19 20 $\mathbf{21}$ 22 23 $\mathbf{24}$ $\mathbf{25}$ 26 27 28 29 30 31

TOTAL

#### **October Poultry Receipts**

Date	Amount and Description	All Receipts	Eggs Sold or Eaten	Broilers and Fryers	Hens and Roosters	Miscel- lancous	
	TOTAL		II			L	

#### October Poultry Expenses

Date	Amount and Description	Al) Expen	ses	Feed— Grit, e	Shell tc.	All Cl Raising	nick Exp.	Buildin Equipa	ng & nent	Hir Lab	ed or	Mise lanco	el- us
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											—		
	TOTAL												<b></b>
Average No.	hens for month						Av	erage e	ggs p	er hen	<u> </u>		<u> </u>

Total No. eggs produced.....

#### HATCHING RECORD

Date Set	Breed	How Hatched	No. Eggs	No. Chicks	Cost*	Cost Per Chick
<u> </u>						
<u> </u>						

\*Cost includes value of eggs plus actual cash expenditure of hatching.

#### **BROODING RECORD**

DATE HATCHED				1	DEATH LOSS					Total	%	No. Mature
	lst Weck	2nd Week	3rd Week	4th Wcek	õth Week	6th Weck	7th & 8th Weeks	3rd & 4th Month	5th & 6th Month	Loss	Loss	Pullets
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# Summary of Year's Business

Receipts

MONTH	Total Monthly Receipts	Eggs sold or Enten	Broilers and Fryers	Hens and Roosters	Miscellaneous	 
November				,		 
December						 
January						
February						 
March						
April						
May						
June						
July						
August						
September						
October						
TOTALS						

#### Expenses

MONTH	Total Monthly Expense	Feed, Shell, Grit, Etc.	All Chick Raising Expense	Building and Equipment	Hired Labor	Miscellaneous	
November			l				
December							
January							
February							
March							
April							
May							
June							
July							
August							
September							
October							
TOTALS							

# Year's Production Summary

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M O N T H	Standard Pro.	Actual Production	Avg. No. Hens	Avg. Egg Price /	Feed Cost Per Hen	Feed Cost Per Doz.	% Culled	% Died	Profit Per Hen Above Feed Cost
November	9						 		
December	11								
January	12								
February	15								
March	18								
April	19								
May	18								
June	16								
July	14								
August	11								
September	9								
October	8								
Totals or Averages	160		<u> </u>	1	· · · · · · · · · · · · · · · · · · ·				

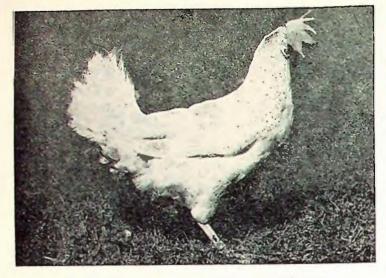
\*\* To get correct figure-divide year's total feed cost by year's total dozen eggs.

• To get correct figure-divide year's total egg receipts by year's total dozen eggs.

#### CONDENSED STATEMENT

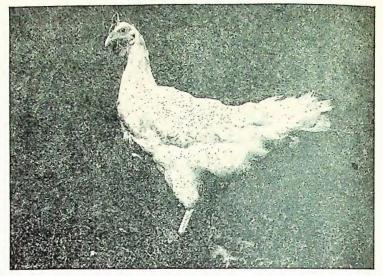
Total Cash Receipts\$	_	Year's Average Number of Hens	_
Increase in Inventory\$	_	Labor Income per Hen	.ş
Total Receipts	\$		_
Total Cash Expense	Total Expense Young Stock\$		\$
Decrease in Inventory\$		Total Receipts Broilers, Fryers, Etc	\$
Interest on Investment of \$at 6%\$	_	Cost of Remaining Pullets	.\$
Total Expense	\$	Number Mature Pullets Raised	\$
Labor Income	\$	Cost per Pullet	<u>\$</u>

# **KEEP** this kind



Deep body. Wide, long back. Full abdomen. Vigorous — Active — Busy.

# **CULL** this kind



Body Shallow in depth. Back narrow and short. Lazy—usually spends lots of time on the roost.

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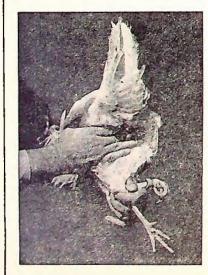
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Full, red, waxy comb. Bright eye, Well developed wattles. Short, well curved beak.



Full — Soft — Pliable Abdomen.

# Culling Hens

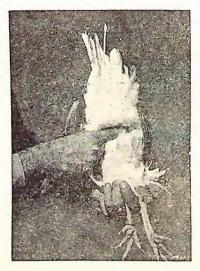
EVERY person engaged in poultry production, regardless of the size of the enterprise, should have a working knowledge of culling. The owner of the flock should cull the flock and not depend upon someone else. It should be borne in mind that profitable egg production depends upon the efficient use of feed by the hen in the manufacture of eggs. It is the object of culling to remove from the flock those hens that do not make efficient use of their feed.

Profits from the average farm poultry flock could be increased if owners would study the birds and learn to tell good layers from poor ones. First the poultryman should become familiar with the things to look for in the good layers, and then the hens should be studied until the layers can be distinguished from the slackers

Culling should start with the day-old chicks and be continued throughout the life of the birds.



Comb shrivelled and scaly. Eye listless, sunken. Long slender head.



Very little body capacity. Shallow in depth. Narrow in back, occasionally hard and fat.

## CULLING CHART

## Judging for Present Production

Character	Laying Hen	Non-Laying Hen
Vent	Large, dilated, oblong, moist	Small, contracted, round, dry
Pubic bones	Flexible and wide apart	Rigid, close together
Comb	Large, red, full, glossy	Small, pale, scaly
Wattles and lobes	Prominent, soft, smooth	Inconspicuous, rough and dry

# **Judging Past Production**

Character	Long Laying Period	Short Laying Period
Vent	Bluish white	Flesh colored
Eyelids	Thin, edges white	Thick, yellow tinted
Eye	Prominent, keen, sparkling	Listless, sunken
Earlobes	Enamel white	Yellow tinted
Beak	Pearly white	Yellow tinted
Face	Clean cut, sunken	Full, well fleshed
Shanks	White, flat, thin, creased	Yellow, round, smooth
Plumage	Worn, soiled, lifeless, close- feathered	Signs of molting, loose-feathered

# Judging Rate of Production

Character	High Rate	Low Rate
Keel	Slopes downward	Slopes upward
Pubic bones	Tips thin, point straight out	Tips thin, curve in
Capacity	Four to five fingers	Two fingers
Abdomen	Soft, pliable, dilated	Fatty, hard, contracted
Rump	Broad, width, carried back	Narrow, cramped
Lateral processes	Prominent, pointed outward	Hard to find, pointed inward
Skin	Soft, thin, loose, silky	Thick, dry, underlaid with fat

#### POULTRY BULLETINS

#### From Your County Agricultural or Home Demonstration Agents, or from Extension Service, College Station, Texas

- B-65 Poultry Houses for Texas
- B-71 Poultry Yard Equipment
- C-163 Growing Baby Chicks
- B-88 Preparation of Fowls for Home and Market
- B-105 Culling Hens
- C-33 Feeding Hens for Egg Production
- B-143 Broiler Production
- C-231 Texas Turkey Growers' Guide
- C-235 Trouble Shooting Chart for Disease and Parasites in Poultry
- C-241 Poultry Production Guide for Texas

#### From the United States Department of Agriculture at Washington, D. C.

#### Farmers' Bulletin-

- 801 Mites and Lice on Poultry
- 897 Fleas and Their Control
- 849 Capons and Caponizing
- 1070 Fowl Tick
- 1377 Marketing Poultry
- 1378 Marketing Eggs
- 1506 Breeds of Chickens: I. American
- 1507 Breeds of Chickens: II. Continental
- 1652 Diseases and Parasites of Poultry
- 1409 Turkey Raising

#### **Bulletins on Other Fowls**

#### From the United States Department of Agriculture at Washington, D. C.

#### Farmers' Bulletin-

- 684 Squab Raising
- 697 Duck Raising
- 630 Birds Useful to the Farmer
- 767 Goose Raising
- 1391 The Guinea Fowl.