

# TIMELY FARM QUESTIONS ARE ANSWERED BY STATE COLLEGE

**QUESTION:** Should hogs be fed immediately before killing?

**ANSWER:** No—the animals should not be fed for at least 24 hours before they are killed, but should have plenty of water. This gives the hog time to get rid of all the contents of the stomach and intestines. It is also easier to get a good bleed when the system is not gorged with food and when the small blood vessels are free from food and blood.

**QUESTION:** How much feed should be prepared for the home garden?

**ANSWER:** The size of the garden will depend primarily upon the size of the family, but ordinarily one-tenth of an acre will produce an abundance of vegetables for one person. If such crops as cantaloupes, watermelons, Irish and sweet potatoes are grown in the garden, then a slightly larger acreage will be necessary. If these are grown outside the garden, half an acre will produce enough vegetables for a family of five. Family tastes will, of course, determine to a large extent just how much row space should be planted to each crop. Extension Charles No. 123 gives the approximate feet to plant for each vegetable for a family of five and this will be sent free upon application to the Agricultural Editor at State College.

**QUESTION:** Should the poultry breeding flock receive any extra attention not given to the laying flock?

**ANSWER:** Where careful management and feeding is practiced, the requirements for the breeding flock are met. However, to secure maximum performance, the broodens must be in good body weight, free from parasites, and must not be crowded. The diet should be carefully balanced and a liberal increment of milk products should be incorporated in the ration as well as alfalfa leaf meal and a potent reinforcing oil. All breeding birds must be in the best of health if a healthful progeny is to be expected.

The strip was mowed three times this summer and produced 2 tons of the best quality hay ever seen, Mr. Long said.

Fifty-six meadow strips, containing 51 acres, have been constructed on farms of cooperators in the Burlington area, Acting Project Manager H. H. Kelly reports. Eighteen of these were prepared and seeded this fall. These strips furnish a practical and economical method of disposing of surplus terrace water and at the same time produce much valuable hay, he points out.

A meadow strip on the farm of W. H. Squires produced 3 tons of high quality hay from two cuttings and a strip on the farm of Dr. S. F. Scott produced 2 1/2 tons from 3 cuttings this summer, Kelly said.

Meadow strips in the demonstration area are seeded to a mixture of lespedeza, clovers, and grasses. On those prepared for spring seeding, all the seed are planted at the same time. On those prepared for fall seeding, grasses and clovers are seeded during September and October and the lespedeza are added the following spring, Kelly said.

Demonstration farmers in Madison County are improving their farms by the use of ground limestone. Up to the present time, growers have used 477 tons on their land since the first of the year.

The first structure of the 1939 Golden Gate International Exposition on San Francisco Bay is completely framed in the "Hall of the Mineral Empire." This structure, which opens directly off the main court, is 200 feet wide and 415 feet in length.

find the necessary calories in salads. Keep to your beefsteaks and potatoes then. But for the body-building minerals, such as iron and calcium, salad plants are an essential. Thanks to improved methods of growing, refrigerating, and transporting, some form of this highly perishable food can put in an appearance at the dinner table every day in the year.

Most important of our salad crops is lettuce with its four types, the crisp head, the butterhead, coo or romaine, and leaf. Though its rise to popularity is recent, lettuce can trace its origin back hundreds of years to the plant carried from Europe to the Himalayas. It derives its name from "Lactuca" of classical times, whose milky fluid served the Romans as a freckle remover and sedative. In the seventeenth century Lettice won a reputation for cooling a "hot and fainting stomach." Crisp head lettuce is the reigning favorite in the markets from coast to coast. A good representative of the crisp heads is the New York variety, with its compact crumpled center of silvery leaves bedded in curling, glossy textured leaves of dark green.

On its home ground in the East the butterhead holds its own. Smaller, softer than the iceberg, the main commercial crop of Western lettuce growers, the butterhead has straight edged leaves of a rather coarse texture. It gains its name from its tender golden heart leaves. Not so handsome as its western rival, the butterhead makes up in flavor for what it lacks in looks.

Of the several varieties—Big Boston, White Boston, Unrivaled May King—Big Boston is the only one offering competition to Iceberg in the carload movement of lettuce and then only in limited areas.

But both the straight smooth leaf type of leaf lettuce and the Grand Rapids with its wavy, tightly green leaves, are losing ground steadily to the heading lettuce.

Lettuce makes exacting demands wherever grown and by whatever method. It requires good soil rich in organic matter, sufficient water, plenty of fertilizer, a large amount of hard labor, and even temperature, and protection from its worst enemy—excessive heat. Even after the heads have been cut, they call for special care until they are delivered at the customer's doorstep.

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## Tells How He Got Biggest Hay Crop

More feed than he had ever gotten from one acre before, in the way Ernest Long, a tenant on the farm of Joe Gant in the erosion control demonstration area near Burlington, describes his crop of hay from a one-acre meadow strip.

## GREENS FOR HEALTH

**GUY A. CARDWELL**  
General Agricultural Agent  
Atlantic Coast Line Railroad Co.

Vitamins and mineral salts stored in green things provide cheap health insurance during the winter months. Cows cropping grass, and rabbits nibbling lettuce, have the edge on many humans. By nature they prefer what is good for them—the tenderest shoots and the greenest plants.

If you are training for a marathon or hoping to tip the scale at an additional 10 pounds, you won't

## CROSS-WORD PUZZLE

No. 19

1	2	3	4	5	6	7	8	9	10	11	12	13
14					15				16			
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61					62				63			64
65					66				67			68

(Solution in Next Issue)

**HORIZONTAL**

- Mantel
- Terse
- Store
- Marine animalcule
- Brilliant colored deep sea fish
- Canvass
- The pineapple
- Change the position of
- Samoa seaport
- Flowers
- Activity
- Spring food
- Remitted
- Age
- Earth personified
- Immature
- Brave
- A small lemur
- Stop
- Otherwise
- Idols
- Wraps up warmly
- Involving punishment
- Famous violin makers
- Female servant
- Shoves
- Servitor
- Giant
- Young deer
- Molding
- Vapid
- Way out
- Falsifier
- En-glestone
- Otitis
- Drunkards
- Less common

**VERTICAL**

- Article of neckwear
- Integrity
- Rub out
- Country roads
- Blazed
- Abnormally sleepy
- On
- Enrapture

**9-Subject**  
10-Splashed  
11-Pueblo Indian  
12-Medley  
13-Scheme  
14-Poker term  
15-Classic poems  
16-Abyss  
17-Form of bread  
18-Originator  
19-High cards  
20-Metal fastener  
21-Dwelling L.  
22-Persia  
23-Tendons  
24-Moorland  
25-Fly killers  
26-Verve  
27-More soiled  
28-Slow music  
29-Heaven images  
30-Mountain range of Utah  
31-Step  
32-Among the Boers, aunty  
33-Scott  
34-The southwest wind  
35-Cab  
36-Slender stalk  
37-Orderly

**Puzzle No. 18 Solved:**

P	A	C	E	D	B	R	A	I	D		
B	E	H	A	V	E	R	R	U	T	E	D
O	N	D	E	S	C	A	T	E	R	E	
R	U	G	R	E	A	V	E	G	O	N	
E	R	I	S	H	A	V	E	S	A	L	E
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S	T	R	I	K	S	C	R	O	L	L	S
E	A	T	E	N	H	E	R	E	S		

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