

LIVE STOCK

Daily Rations for Draft

Horses, Mares and Colts

Experimental and demonstration work by the University of Missouri College of Agriculture shows:

That draft horses averaging in weight approximately 1,600 pounds and which did 4.8 hours a day average daily ration of 14.91 pounds of grain and 17.12 pounds of timothy hay.

That brood mares may be used efficiently for farm work, but the yearly feed required by them is 26 per cent greater than the cost of feed required by gelding or "dry" mares doing the same work.

That brood mares working and nursing foals required 47 per cent more grain and 32 per cent more hay daily during the suckling period than dry mares.

That foals during the suckling period consumed an average daily ration of 3.58 pounds of grain and 1.35 pounds of hay, in addition to their mother's milk.

That draft colts consumed an average daily ration of 6.68 pounds grain, 7.42 pounds hay daily from weaning time until they were turned in pasture in the spring, a period of 219 days, during which time they gained 330 pounds and weighed at the close of the period 336 pounds.

That it required 4.40 pounds of grain and 4.83 pounds of hay to produce one pound gain on draft colts from weaning time until turned on pasture the next spring.

That in using a grain ration composed of 2 parts corn, 2 parts oats, 1 part bran, it required 10.46 bushels of corn, 18.30 bushels of oats and 292.9 pounds of bran to keep draft colts in good growing condition from weaning time until they were turned on pasture.

That 15 pounds of corn silage, 8 pounds oat straw, fed with 8 pounds grain is a satisfactory ration for horses doing light work during the winter months.

Sows Must Have Exercise as Farrowing Time Nears

As farrowing time approaches the sow should be in good condition, but not fat. If growth-producing feeds have been used during pregnancy and the ration kept bulky by using ground oats, ground alfalfa or skim milk, the sow should be in this shape. Watch her carefully, making her exercise each day. A few days before she is to farrow put her in a pen and let her become accustomed to her surroundings. Include a little wheat bran or linseed oil meal in her ration to prevent costiveness, which is common at this time.

The farrowing pen should be dry and well ventilated. Spread straw on the ground, but not enough to let her build a deep nest. Pieces of 2 by 4 nailed around the outside of the farrowing pen about eight inches from the floor and eight inches from the wall will tend to keep the sow from crushing her pigs against the walls.

After farrowing, the sow should receive no feed for from 24 to 36 hours, being given only lukewarm water. She should then be fed a small amount of feed for a day or so, and the ration can then be gradually increased. The bulky feeds used during pregnancy are not in order now, for the gains secured on the suckling pigs will be the most efficient gains they will ever make. Skim milk tankage, ground oats, middlings and linseed meal are all good to supply bone-and-muscle-making material, while corn or barley may be used liberally in combination with any of the above mentioned feeds.

Good mothers with large litters will usually lose flesh, despite the most liberal feeding.—T. J. Maynard, Animal Husbandry Department, Colorado Agricultural College.

Cowpeas With Corn Will Cheapen Pork Production

Besides the immediate benefits of cowpeas with corn and cheapening pork production, there is much saving in labor of harvesting the crop, and the fertility of the soil is increased through all of the waste matter being fed directly back into it. The general fertility and productiveness of the land will be materially increased through a deposit of an even coat of fertilizer and humus matter.

Economical Production of Pork Depends on Grass

Economical pork production depends upon plenty of good pasture during the summer months, both for the pigs and the old sows, and also upon seeing to it that not only the sows, but also the pigs, are constantly supplied with a well balanced ration.

Age to Wean Lambs.

Lambs should be weaned when they are about three or four months of age. Unless this is done they will nurse until late in the fall and cause the ewes to go into winter quarters in poor flesh.

Milk for Pigs.

Six pounds of skim milk to two pounds of corn-cob meal gives an economical feeding ration for growing pigs. A 100-pound sows will make very satisfactory gains on two such feeds a day.

IMPROVED UNIFORM INTERNATIONAL

Sunday School Lesson

(By REV. P. B. FITZWATER, D. D., Teacher of English Bible in the Moody Bible Institute of Chicago.)
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LESSON FOR JULY 8

MARY, THE MOTHER OF JESUS

LESSON TEXT—Luke 1:26-38, 36-56; 2:1-20, 41-52; John 19:25-27.

GOLDEN TEXT—"Thou shalt call His name Jesus; for He shall save His people from their sins."—Matt. 1:21.

REFERENCE MATERIAL.—Matt. 1:18-2:12; John 2:1-11; John. 9:25-27.

PRIMARY TOPIC—Mary and the Baby, Jesus.

JUNIOR TOPIC—Mary and the Boy, Jesus.

INTERMEDIATE AND SENIOR TOPIC—Notable Incidents in the Life of Mary.

YOUNG PEOPLE AND ADULT TOPIC—Mary, the Mother of Jesus.

I. Mary at Nazareth (Luke 1:26-38, 46-56).

Mary was a Jewish maid of the town of Nazareth. The first information we have of her is that she was engaged to be married to Joseph, a carpenter of the same village. It seems that the custom among the Jews was for betrothal to take place a year before marriage. During this interval the woman remained with her parents.

1. Gabriel Sent from God to Mary (vv. 26-38).

It was during this interval of betrothal before Joseph and Mary were married that God sent the angel Gabriel to announce unto Mary that she was to be the mother of Jesus. Isaiah, more than 700 years before, prophesied that a virgin should give birth to a son whose name should be called Immanuel (Isa. 7:14). Though at first perplexed, she accepted the announcement with remarkable courage and devotion. To be told that she was to be a mother was nothing startling, for this was the normal desire of every married Jewish woman. Under the circumstances she accepted motherhood at a tremendous cost. She was conscious of her virgin purity. She knew that to become a mother under such circumstances would expose her to unutterable suspicion and shame. This was the view that certain Jews took of the matter, for they insinuated to Jesus that He was born of fornication (John 8:41). Her faith was such that she responded with noble courage. She said, "Behold the handmaid of the Lord; be it unto me according to thy word" (Luke 1:38).

2. Her Wonderful Song (vv. 46-56).

In her embarrassment she set out on a visit to an elderly kinswoman named Elizabeth. Having sought the sympathy and encouragement of this friend, her triumphant faith carried her beyond the misunderstanding, the scorn and shame which awaited her, and caused her soul to burst out in this most wonderful song of praise.

II. Mary at Bethlehem (Luke 2:1-20).

What Gabriel announced to Mary was now being fulfilled. Caesar's decree concerning taxation brought Joseph and Mary to Bethlehem at the opportune time for the fulfillment of Micah 5:2. Because of the crowded condition of the inn, the birth of the world's Saviour took place in a cave-stable.

III. Mary in Jerusalem and Galilee (Luke 2:41-52).

Jesus, now at the age of twelve, was a child of the law, for at this age the child took his responsibility as a worshiper.

1. Failure in Vigilant Care (v. 43). They had left the city and gone a whole day's journey without knowing where the child was.

2. Failure to Understand Fully Jesus' Action and Words (v. 50). No particular censure should attach to this, as it is beyond our ability even now to understand all these things.

3. Failure to Properly Sympathize with Jesus' Dearest Longings and Emotions. "How is it that ye sought me? Wist ye not that I must be about my Father's business?"

4. Failure to Perceive Her Limit of Masterfulness. The time comes when duty to God takes precedence over duty to parents. All these limitations should be viewed with the background of her deep devotion to God. Her whole life was lived in a spiritual atmosphere. She was just the kind of woman to whom God would trust the upbringing of His Son. Jesus went back with them to Nazareth and was subject unto them.

IV. Mary at the Cross (John 19:25-27).

This was a great trial. For any mother to see her son die is a trial, but what must it have been for this mother in the face of all the sacred memories that clung to her soul? It is beautiful to note the tender care which Jesus in His dying hour manifested for His mother. He committed her to the care of John. John accepted the responsibility of a son and took her to his home.

Our Mistakes.

There are few, very few, that will own themselves in a mistake, though all the world see them to be in downright nonsense.—Swift.

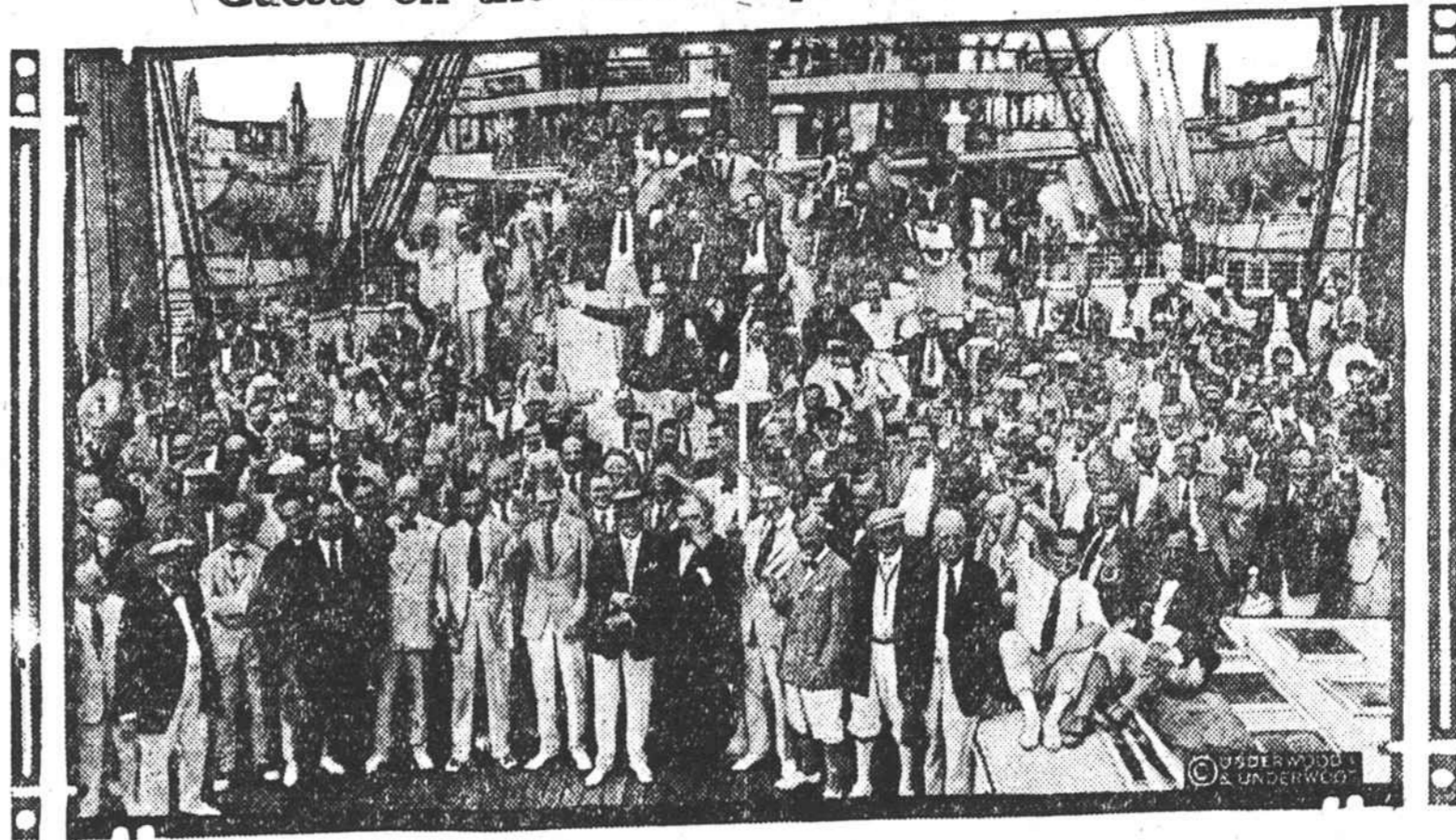
No Such Thing as Luck.

There is no such thing as luck. It's a fancy name for being always at our duty, and so sure to be ready when the good time comes.

The Art of Learning.

The great art of learning is to undertake but little at a time.—Locke.

Guests on the Trial Trip of the Leviathan



Group of practically all of the guests on the record-breaking trial trip of the steamship Leviathan. They tested the monster vessel and found her good.

CONFESSES 8 MURDERS



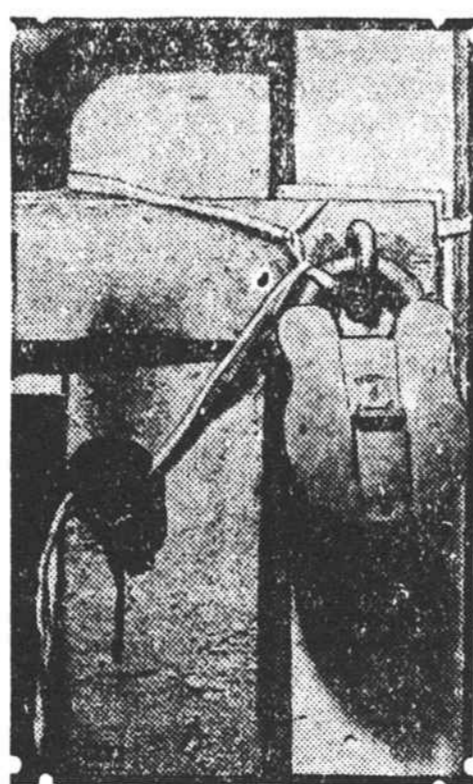
Joe Buckley Laurie, twenty-eight, has told police officials of Los Angeles of having killed eight men, U. S. revenue agents, during a battle in the Kentucky hills 15 years ago. Laurie was one of 16 children. There was always fighting with government agents, and the children handled rifles with all the skill and sharpshooting ability of veteran marksmen. Laurie was arrested on charge of stealing a ride on a train. When questioned by the authorities he confessed the killing of 15 years ago and said he had been haunted since that time. He had run away from his Kentucky home and traveled in various countries.

IDENTIFIED AS MURDERER



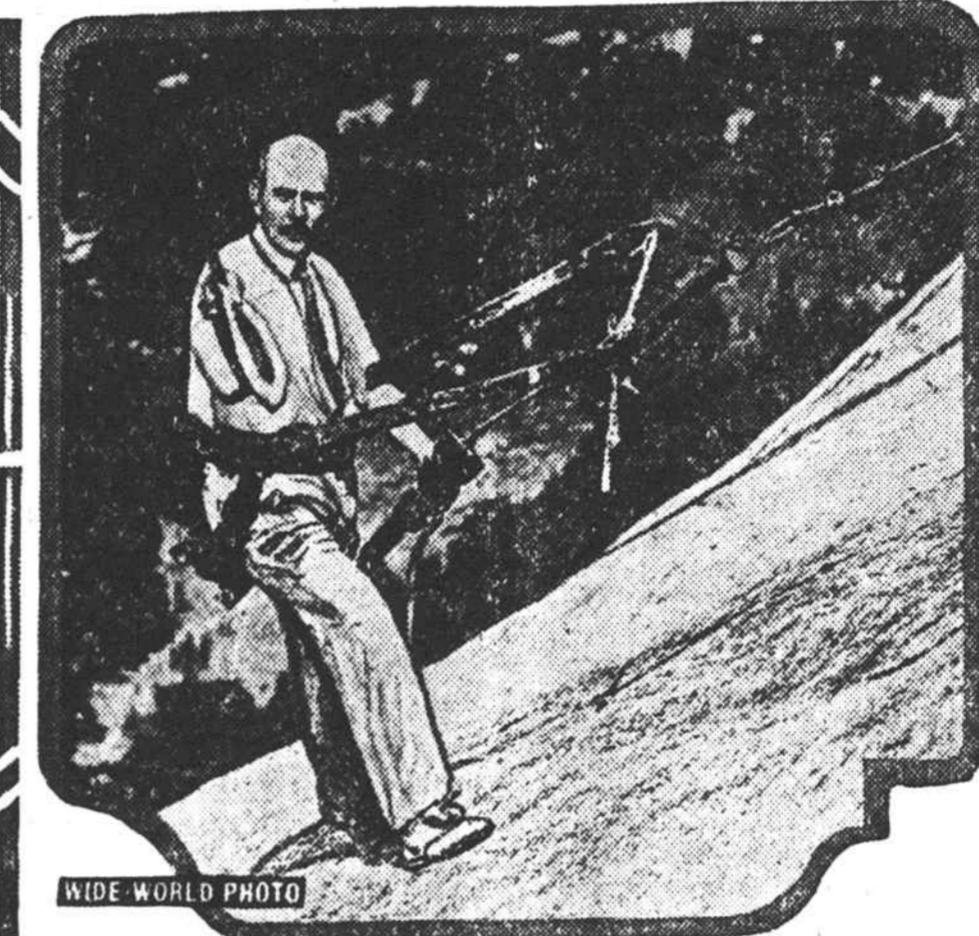
"Mrs." Frances Carriek, also known as "Fred Thompson," who led a double life as man and woman, was arrested in Chicago for the murder of Richard C. Tesmer, and was identified by Mrs. Tesmer, who witnessed the killing. These photographs of the suspect were found in "his" apartment.

SEALS AVAILED NAUGHT



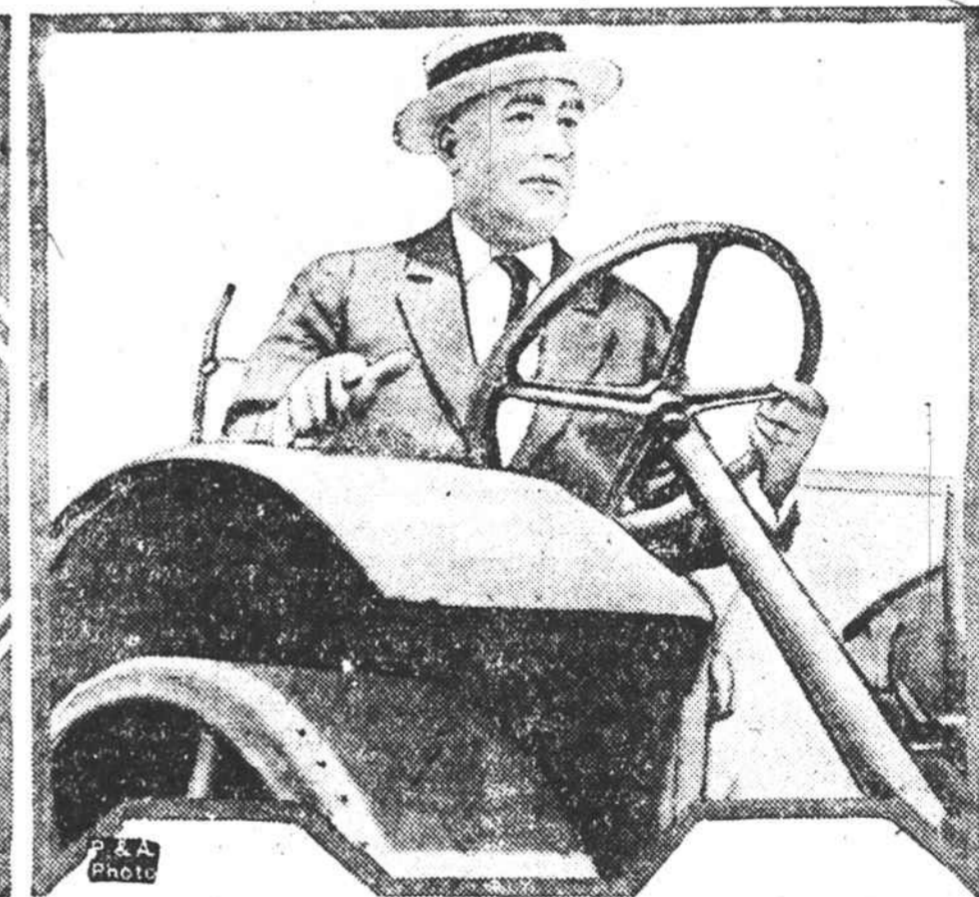
When the British liners Baltic and Berengaria arrived in New York port the other day they brought under triplicate seal their stores of liquor for the return voyage. But the American prohibition agents did not hesitate to break the seals and seize the liquor.

Borglum Busy on Stone Mountain



Gutzon Borglum, the celebrated sculptor, in harness after he had been lowered half way down the side of Stone Mountain where he has begun work on the carving of the Memorial to the Confederacy.

President Runs a Farm Tractor



The President of the United States learned how to operate a farm tractor when passing near Hutchinson, Kan., on his tour. Mr. Harding made one complete "round" of a 40-acre field and farmers said he turned the corners like a veteran.

Revamping the President's Office



While President Harding is away his offices are being remodeled and repaired. This photograph shows the workmen tearing up the wooden floors of the executive office, which will be replaced with tile.

CONDENSATIONS

Constantinople in early days was called Byzantium.

Taking interest for money lent to Hebrews was expressly forbidden by the Mosaic law.

Sugar has been made at Liverpool university by means of the action of light on carbolic acid.

Charles Goodyear of New Haven, Conn., discovered how to vulcanize rubber in January, 1830.

Among the Eskimos, "conjurers," who have had a special training and may be of either sex, wield a great influence.

Among many African races there are no words to indicate the time of day. Senaphores were invented by a Frenchman in 1794.

Holland excels all other countries in the making of gin.

No part of Scotland is more than 40 miles from sea water.

The Astor family was for many years known as "the landlords of New York."

The density of population in India varies from 800 to the square mile to five persons only.

Women sleep more lightly and require less sleep than men, according to a French scientist.

After Every Meal
WRIGLEYS
and give your stomach a lift.
Provides "the bit of sweet" in beneficial form.
Helps to cleanse the teeth and keep them healthy.

Pat. Process **LLOYD** Products
Baby Carriages & Furniture
Ask Your Local Dealer
Write Now for 32-Page Illustrated Booklet
The Lloyd Manufacturing Company
(Haywood Wakefield Co.)
Dept. E.
Menominee, Michigan

The Reason
"Why," asked an angry looking man "do they call Petrus a 'whore town'?"
"Heuz 'tis," responded the host of the tavern. "Why, us soon as gets dark you can hear phony music playing in 'most every block' here all over town."—Kansas City Star.

BABIES CRY FOR "CASTORIA"

Prepared Especially for Infants and Children of All Ages

Mother! For 30 years Castoria has been in use for 30 years as a pleasant, harmless, reliable laxative for Infants, Children, and the Sick. It is the only safe, effective, and pleasant medicine for the relief of all the ailments of the bowels. Physicians recommend it. The genuine bears signature of

Charles H. Fletcher

NOT REALLY BAD DEFINITION

Small Girl's Comprehensive Statement of What Constitutes "Queer" People Had Germ of Truth

When Dr. James M. Neel, a missionary in Syria, was in the country he was addressing a Sunday school the subject of the country was the queer people. He was endeavoring to make the small listeners of his American audience understand something of the strange land and the strange people of Syria. He said that the Syrians are queer people. Realizing that some of his smaller hearers might not understand what he meant by "queer" people, he asked:

"Do you boys and girls understand what I mean by queer people? What sort of people are queer people?"

Then he waited expectantly for an answer. After a little time a little girl six or seven years old raised up her hand.

"You know, little girl," said Dr. Neel, "you may tell us what sort of people queer people are."

"Please, sir," began the little girl, "are folk who ain't like us."

Want Male Teachers for Boys
Boys of school age throughout the world are not being taught by women, and the firmer guidance of a male teacher, according to a resolution passed recently by the British National Association of Schoolmasters.

If coffee disagrees drink **Postum**
There's a Reason