

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 farm work, required an 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 836 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 shote 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 15

SIMON PETER

LESSON TEXT—Matthew 16:13-18; John 21:15-7.

GOLDEN TEXT—"Lord, Thou knowest all things; Thou knowest that I love Thee."—John 21:17.

REFERENCE MATERIAL—John 1:35-42; John 18:10-11; 20:1-10; 21:1-23; Acts 2:1-5.

PRIMARY TOPIC—Peter, the Helper of Jesus.

JUNIOR TOPIC—The Leader of the Twelve.

INTERMEDIATE AND SENIOR TOPIC—Peter's Failures and Successes.

YOUNG PEOPLE AND ADULT TOPIC—Peter's Weaknesses and Strength.

1. His Name. (John 1:42).

The name which he bore when introduced to Christ was Simon, which means "hearing." But Jesus gave him a new name—"Peter," which means "rock." This showed what he was to become.

2. His Call. (John 1:41, 42).

His brother Andrew brought him to Christ. This brought him into fellowship with the Lord. From ordinary discipleship he was called to special ministry (Luke 5:10). From being a fisherman he was called to catch men.

3. Peter's Character.

1. Sincere. What Peter was at heart could be read on his face. He was free from duplicity. People could understand him. Because of this characteristic they could tell when he was lying. Yet even when people knew he was in error they could believe in him. He seems to have been ignorant of the word "diplomacy."

2. Prompt. He had the ability to decide and act quickly, as the occasion demanded. This made him a real leader. His action at the empty tomb was an example of his promptitude. John outran Peter, but Peter was the first to enter the tomb. When Cornelius sent for him at Joppa he responded without delay.

3. Courageous. While Peter played the coward sometimes, he was for the most part a brave man. No doubt it was through cowardice that he denied the Lord, but it was his courage that brought him to follow the Lord into the palace of the high priest.

4. Intense. He felt keenly and acted with vigor. Whether right or wrong, what he did he did with all his might. When he preached it was with passion. No finer example of burning eloquence can be found than his Pentecostal sermon.

IV. Peter's Confession of Christ (Matt. 16:13-18, 21-23).

The disciples had been with the Lord for several years. They had heard His mighty words and seen His mighty works. Various opinions were extant about Him. It was now necessary for them to have a definite conception of Him. The Master-Teacher knew the necessity of having the disciples get the right conception of Himself.

1. What it Was (v. 16). It involved His Messiahship—"The Christ," and deity—"Son of the living God." This is the burning question today. Those who have the right conception of Christ's person and mission have no trouble in the realms of science, philosophy or ethics.

2. Christ's Commendation (v. 17). He pronounced him blessed. Truly he was blessed, for he both possessed and confessed the Christ. The evidence that Peter was blessed was that he was in spiritual touch with the Father in Heaven.

3. Peter's Blessing (v. 18). Christ declared that he should be the foundation stone in His church. Christ is the chief cornerstone on which the church is built. Christ's person and Messiahship was confessed by Peter, and on this rock is laid the foundation of apostles and prophets (Eph. 2:20). All believers are living stones of this house (1 Peter 2:5).

V. Peter's Restoration (John 21:15-17).

Peter grievously sinned in denying the Lord, but he made a confession, shedding bitter tears of penitence over his sin and folly. The Lord tenderly dealt with His erring disciple and restored him. In this restoration He brought to Peter's mind the essential qualification for his ministry. Love is the pre-eminent gift for Christ's service. To impress this upon him, he three times asked the question, "Lovest thou me?" Three classes of people were to be served: (1) Those beginning the Christian life—"Feed my lambs." (2) The mature Christians—"Shepherd my sheep." The shepherd needs to protect and feed the sheep. Love is the one essential equipment for this service. (3) The aged Christians—"Feed my sheep." Love is needed in dealing with the fathers and mothers in Israel.

Injuries.

Rather wink at small injuries than to be too forward to avenge them. He that to destroy a single bee should throw down the hive, instead of one enemy, would make a thousand.

Trust in the Lord.

Trust in the Lord and do good: so shalt thou dwell in the land, and verily thou shalt be fed.—Ps. 37:3.

The Student.

Don't despair of a student if he has one clear idea.—Emmons.

OUR COMIC SECTION

Big Events in the Lives of Little Men



A Popular Fable, With Peppy Gestures

<p>1 DID YA EVER HEAR WHAT HAPPENED TO A TIGHTWAD FOLKS? NO? WELL, WUNST THEN WUZ A TIGHTWAD WHO WANTED TO GO TO A BALL GAME BUT WUZ TOO TIGHT TO PAY HIS WAY IN, SO TO SAVE A QUARTER...</p>	<p>2 HE BORROWED A BOAT, CROSSED TH' RIVER, UPSET, SWUM ASHORE, LOST A SHOE IN TH' MUD, GOT CHASED BY A COW'S HUSBAND...</p>
<p>3 WUZ YOSSED THROUGH A BOB-WIRE FENCE INTO A MESS OF POISON IVY 'N GOT HIS SUIT TORN 'N HIS WATCH BUSTED 'N HE SNEAKED OVER TH' BACK FENCE AW'...</p>	<p>4 FOUND THAT NO ADMISSION WUZ BEING CHARGED!!!</p> <p>Moral OF TH' TIGHTWAD SUBSCRIBED TO HIS HOME PAPER, HED HAVE KNOWN TH' GAME WUZ FREE!</p>

Take That, Fanny

<p>COME ON UP TO THE BALL GAME, FELIX.</p>	<p>I'D LIKE TO, BUT I DON'T KNOW AS I SHOULD—I'VE A LOT OF ERRANDS TO DO FOR THE WIFE AN' SHE'S LIABLE TO GET SORE IF I DON'T DO 'EM.</p>	<p>BUT FELIX WAS PERSUADED TO GO.</p>	<p>GEE, THE OLD BUSS IS SLOWING UP—SOME THINGS WRONG.</p>
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<p>AND SO FOR SEVERAL HOURS</p> <p>DARNED IF I KNOW WHAT'S THE MATTER?</p>	<p>I'LL GET IT TOWED IN, FELIX—YOU BETTER HOP A TROLLEY AN' GO HOME.</p> <p>AW RIGHT</p>	<p>A FINE TIME TO COME HOME—NONE OF MY ERRANDS DONE—SUPPER COLD—YOU'VE BEEN TO THE BALL GAME!</p>	<p>MADAME—THIS IS THE ONLY BAWL GAME WHICH MY PRESENCE HAS GRACED TODAY.</p>
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After Every Meal

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Pat. Process

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Write Now for 32-Page Illustrated Booklet

The Lloyd Manufacturing Company
(Haywood-Wakefield Co.)
Dept. E
Menominee, Michigan (19)

The Reason.

"Why," asked an arid-looking guest, "do they call Petunia a wide-open town?"

"B'cuz 'tis," responded the landlord of the tavern. "Why, as soon as it gets dark you can hear phonographs playing in 'most every block, nearly all over town."—Kansas City Star.

BABIES CRY FOR "CASTORIA"

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Mother! If your baby has been in use for 30 years as a pleasant, harmless substitute for Castor Oil, Paregoric, Teething Drops and Soothing Syrups. Contains no narcotics. Proven directions are on each package. Physicians recommend it. The genuine bears signature of

Wm. D. Fletcher.

NOT REALLY BAD DEFINITION

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

When Dr. James M. Nicol, a missionary in Syria, was in this country, he was addressing a Sunday school on the subject of the country where he lived. 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 were 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 timidly put up her hand.

"You know, little girl?" asked Doctor Nicol. "You may tell us what sort of people queer people are."

"Please, sir," began the tot, "queer folk are folk who ain't like us."

Want Male Teachers for Boys.

Boys of school age nowadays should not be taught by women; they need 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