

SUNDAY SCHOOL LESSON

PAUL'S PARTING COUNSELS.
1 Timothy 6: 2 Timothy 4: Titus 2.
PRINTED TEXT 1 Timothy 6:16-18;
2 Timothy 4:16-18.
GOLDEN TEXT.—I have finished the good fight. I have kept the faith. 2 Timothy 4:7.

THE LESSON IN ITS SETTING
Time.—The First Epistle to Timothy and the Epistle to Titus were written between Paul's first and second imprisonments at Rome, probably A.D. 63-66. The Second Epistle to Timothy was written shortly before Paul's martyrdom. A.D. 67.

Place.—It is not known from which city Paul wrote 1 Timothy and Titus. 2 Timothy was written from Rome. The Epistles to Timothy were probably sent to him at Ephesus; the Epistle to Titus to Crete.

"But Godliness with contentment is great gain." Paul does not say that contentment may be found in one's self, but in Godliness.

"For we brought nothing into the world, for neither can we carry anything out." (See Job 1: 21.) If we brought nothing into the world, we ought not to be discontented with what the world has given us; if we can take nothing out of the world, how foolish it is to spend our time in amassing that which we cannot leave the world, must be left behind!

"But having food and covering we shall be therewith content." The poor man who is content with the necessities of life, shelter and food, is happier than the rich man living in a palace, eating the richest viands imported from every country on earth, who still craves a larger home, more elegant clothes, a larger yacht, and a greater stable of horses than he can afford.

"But they that are minded to be rich," Paul does not find fault with men for being rich. Many rich men accept their wealth as a trust from God, or even as a burden laid upon them by God, and devote themselves conscientiously to its careful and wise expenditure. What he says is that, for those to desire riches, to whom God has not given them, to open the door to serious temptation.—E. F. Brown. "Fall into a temptation and a snare." The first word refers to the inducement to sacrifice duty and conscience to the pursuit of wealth; the second, to the ensnaring power of those connections which wealth necessitates. "And many foolish and hurtful lusts, such as drawn men in destruction and perdition." Probably "destruction" refers to the effects of such pursuits on men in this world, and "perdition" to the ultimate results in the world to come.

"For the love of money is a root of all kinds of evil." Most commentators agree that the change in the Revised Version from "the root" to "a root" is not justified. The phrase "love of money" is the translation of one word in the Greek, a word used in referring to the Pharisees (Luke 16:14). "Which some reaching after have been led astray from the faith" (see also Mark 10:22), and have perished themselves through with many sorrows."

Has Been Asleep for Five Years



Nereida Dolzini of Brazil (at right) is shown in one of positions she has assumed to get exercise. She has been asleep for five years and her case has baffled all attending physicians who find no cause for malady.

FARM NOTES

Conducted by PROFESSOR HENRY G. BELL
With the Co-operation of the Various Departments of the Ontario Agricultural College.

1. Question:—"On land where pasture is partly run out, will fertilizing help to bring it back?"—J. E. Ontario.

Answer:—The run-out condition of the pasture is signified by the growing amount of weeds which seem to choke out the valuable grass and legumes. Continued pasturing to the same as any other continual cropping. It removes large quantities of mineral plant food from the soil, and generally leaves a bare, unproductive surface. In pasture fertilizing tests, we have obtained distinctly profitable results on a best pasture project where 4,256 was applied to a fifty-acre block of pasture at the rate of 375 lbs. per acre. This was measured against a similar area unfertilized. The results were a material increase in pastureage and great improvement in the thickness and quality of grass growth. In another test where fertilizer was applied to the soil, the pasture days were increased from an average of 41 days to an average of 110 days per acre and the milk return was increased from 54 lbs. per acre to 122 lbs. per acre in early spring as soon as the ground is sufficiently dry to bear the team. Fertilizer should be broadcast over the young growing grass at not less than 250 lbs. per acre and preferably 500 lbs. per acre. This should give good results for at least three years. Experience shows that it will not only increase the herbage, but the minerals especially will be effective in bringing back clovers and other legumes which increase the protein value of the herbage.

2. Question:—"What is the best method of preventing and controlling Hemorrhagic Septicemia in hogs?"—R. W. Northumberland.

Answer:—Prevent by raising strong vigorous pigs. To do this, start with the most vigorous breeding stock obtainable. Keep the premises in a high sanitary condition. Adopt the colony house method of rearing pigs. See the pigs get bone and muscle building feeds. Plug out in the clover fields, where they are naturally supplied with mineral matter and vitamins, will grow into disease-resistant, robust pigs, while pigs that are required to live within the walls of a pen all their lives are weaklings.

3. Question:—"How long should time be sown on land before applying fertilizer?"—R. W. Northumberland.

Answer:—Line is an active corrector of soil acidity. When it is mixed with fertilizer or applied directly with it, there is a tendency for lime to fix much available phosphate in a form slowly available to plant growth. For this reason, lime and fertilizers carrying phosphate should usually be applied at different times. If the lime is applied to cultivated ground a week ahead of applying fertilizer, no excessive fixation should take place. If lime is being applied to pasture or meadow previous to applying fertilizer, to some, possibly a period of two weeks to a month should be allowed between the application of lime and the fertilizer.

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Induct New Rector

At meeting of American Hierarchy of Catholic Church, Rev. Joseph Corrigan (right) was inducted as head of Catholic University in Washington, D.C. He's seen with Justice Butler, who received degree on occasion. (Left).

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She DREADED GOING UPSTAIRS

Woman's Fear of Rheumatic Pains
One of the many troubles that afflict rheumatic sufferers is the difficulty of getting up and down stairs. Such was the case with this woman, before she started taking Kruschen's. But now she finds it no trouble. Read what she says:—

"I have been taking Kruschen now for over 12 months, a half-teaspoonful in hot water first thing in the morning, and I feel a new woman. I had very painful rheumatism in my knees and back and also my head was getting very bad. I used to go to a walking-upstairs, now I am very thankful to say it is no trouble at all and I scarce feel it. I have done for years—"

Two of the ingredients of Kruschen's are notable for their work in dissolving it. One of these ingredients is Kruschen's assist Nature to expel the dissolved acid from the system.

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Feeding of Whole Oats to Poultry

Results of Experiments Carried on For a Number of Years
Many people hold the opinion that oats constitute a questionable feed for poultry or that the use of oats must be severely limited. Some interesting facts on this question have been found as the result of a number of tests which were commenced at the Ohio Experimental Station in 1927 and have been under way ever since.

The purpose of the first two tests was to determine the relative advantage or disadvantage of replacing a part of the yellow corn by oats; second, to determine which method of feeding oats and which forms of oats might prove the most effective.

The oats ration, regardless of the form of oats used, or the method of feeding, proved decidedly superior to the yellow corn rations without oats for egg production. The grain-mineralized oats yielded the best hatchability of eggs. The rate of mortality of the various groups was practically the same. The hatched out ration was most efficient from the point of egg production and feed consumption, but this was discounted when the cost of hatched oats was taken into consideration. These facts gave no evidence to support the contention that corn is superior to oats for the maintenance of the body weight of the layers. In fact, layers which received the oats ration weighed slightly more, despite the fact that they laid more eggs. The oats ration, which contained 40 percent oats and 60 percent corn, yielded the best egg production and best maintenance of body weight of the layers.

Use of Hulled Oats
No advantage resulted from the use of hulled oats instead of whole oats ground. A further test showed that 15 percent of feed, which contributed the same amount of protein, was sufficient to maintain the body weight of the layers. The oats ration, which contained 40 percent oats and 60 percent corn, yielded the best egg production and best maintenance of body weight of the layers.

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Alleged WIT

Mrs. — Where have you been all evening?
Mr. — At the office.
Mrs. — You must be made of asbestos. Your office burned down two hours ago.
Angeline — You'll like Ferdinand, mother. He's young, handsome, rich, and simply adorable. I don't see why you object to our engagement.
Her widowed mother — If he's as nice as you say I want to marry him myself.
Father — Mary, I've just had a visit from Harry, and I've consented to your marriage.
Mary — Oh, but father, I don't want to leave mother.
Father — Don't let that worry you, he replied, you can take her with you.

So This Is Love
A year ago his face was seldom clean. His grins were short, flapped high over grubby knees.
He seemed a tie, ignored a hunch or a cough.
And merrily his shirt tail rode the breeze.
He's one year older now; behold the change;
Preciseness marks his every waking.
He's tubbed and scrubbed immaculately clean.
(This once required supreme parental power.)
Each hair is placed with care methodically.
His tie is changed at least three times a day.
In spotless white he walks sedately now.
To meet the little blonde across the way.

Fortune Teller — I'm afraid some one near you is going to be very disappointed soon.
Lad — I'm afraid you're right. I haven't any money.
Another thing this country needs is more permanent waves and more permanent wives.
The man with the suitcase chased the train to the end of the platform.
The woman with the suitcase was slowly back, mopping his brow, an interested onlooker remarked:
"Miss the train?"
"Oh, not much," was the reply.
"You see, I never got to know it very well."

Before the World War any telephone "central" would tell you the time of day. Now you dial a number—in New York it is Meridian 7—and a trained voice says mechanically "When you hear the signal, the time will be twelve twenty-five and a half."

Both Paris and London do better than this. In London, where a mechanical system was recently introduced, telephone subscribers dial T-M and are told the time of day by a gramophone. The sound record is driven by a motor which is synchronized with a pendulum clock corrected every hour from Greenwich. Dial announcements are required for every ten seconds or 7,200 in all for twelve hours of civil time.

This sounds much more formidable than it actually is. The announcements are only combinations of smaller sets of phrases. Just before the signal the Londoner hears:
(1) At the third stroke it will be (2) five (3) seventeen (4) and thirty seconds (5) peep-peep-peep.
Announcements (1) and (5) are always the same. For announcement (2) the machine has to pick out a number from one to twelve; for (3) the word "o'clock" or a number from 1 to 39; and for announcement (3) the word "precisely" or "and X seconds" when the value of X is 10, 20, 30, 40 or 50.

The records are four glass disks on which sound tracks are recorded. A beam of light is mechanically brought opposite the right track to pick out the right phrase. A photo-electric cell actuates the talking mechanism.
A master clock from Greenwich controls the speaking apparatus much as any master clock controls a distant subsidiary clock. This is a record assured within one-tenth of a second.

London's talking clock can tell 200 subscribers at once just what time it is. But if some place tries to listen to the signals continuously he is cut off automatically after three minutes. Telephone engineers think of everything.

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Feeding of Whole Oats to Poultry

Results of Experiments Carried on For a Number of Years
Many people hold the opinion that oats constitute a questionable feed for poultry or that the use of oats must be severely limited. Some interesting facts on this question have been found as the result of a number of tests which were commenced at the Ohio Experimental Station in 1927 and have been under way ever since.

The purpose of the first two tests was to determine the relative advantage or disadvantage of replacing a part of the yellow corn by oats; second, to determine which method of feeding oats and which forms of oats might prove the most effective.

The oats ration, regardless of the form of oats used, or the method of feeding, proved decidedly superior to the yellow corn rations without oats for egg production. The grain-mineralized oats yielded the best hatchability of eggs. The rate of mortality of the various groups was practically the same. The hatched out ration was most efficient from the point of egg production and feed consumption, but this was discounted when the cost of hatched oats was taken into consideration. These facts gave no evidence to support the contention that corn is superior to oats for the maintenance of the body weight of the layers. In fact, layers which received the oats ration weighed slightly more, despite the fact that they laid more eggs. The oats ration, which contained 40 percent oats and 60 percent corn, yielded the best egg production and best maintenance of body weight of the layers.

Use of Hulled Oats
No advantage resulted from the use of hulled oats instead of whole oats ground. A further test showed that 15 percent of feed, which contributed the same amount of protein, was sufficient to maintain the body weight of the layers. The oats ration, which contained 40 percent oats and 60 percent corn, yielded the best egg production and best maintenance of body weight of the layers.

Payore Gold Mines, Ltd., have announced that H. E. Burns, mechanical and electrical engineer, has been appointed mechanical superintendent for the company. Mr. Burns is a resident of the company and is in charge of the Diesel power and electrical plants in the present underground campaign which includes deepening of the shaft and the construction of a new 200 h.p. power plant. The additional permanent buildings are practically completed and foundations for the new 200 h.p. power plant are going in. A new 60 ft. headframe is being erected. The Government have completed the mine highway and construction work on the new power plant is being rushed with all speed. A crew of 38 men are employed on the property.

Donald E. Sirola, engineer in charge of work at the Boyd Kirkland Gold Mines in a report to local officials, states that values of \$16.10 have been discovered in the Thompson vein. The vein is 3,000 ft. long with geological conditions and formation said to be identical with the proven mines of Kirkland Lake. Work is continuing opening up the vein both to the east and west. As soon as directors are satisfied the "officer" work has been performed on a vein, a substantial drilling campaign will be carried on.

On heels of opening of San Francisco-O