SUNDAY SCHOOL LESSON

JOSEPH'S EXALTATION
June 6th

"Now therefore let Pharaoh look out a man discreet and wise, and set him over the land of Egypt. Let Pharaoh do this, and let him appoint overseers over the land, and take up the fifth part of the land of Egypt in the seven plenteous years." — Literally, the phrase should read: "Let him fifth the land, i.e., levy a tax upon its produce to that extent which was double the annual impost exacted from Egyptian farmers, but which the unprecedented fertility of the soil enabled them to bear without complaint."—Thomas Whitelaw.

"And let them gather all the food of these good years that come, and lay up grain under the hand of Pharaoh for food in the cities, and let them keep it. And the food shall be a store to the land against the seven years of famine, which shall be in the land of Egypt; that the land perish not through the famine. And the thing was good in the eyes of Pharaoh, and in the eyes of all his servants." —The advice which Joseph gave to Pharaoh is found carried out in the latter part of this chapter, and in chapter 47.

Such an immediate exaltation to a place of supreme power and influence as is described in the following verses is difficult to understand by those of us who live in such a time as this, and are citizens of a nation in which high office is generally obtained by election. Yet the entire episode "and the description of Joseph's function and position as vizier are in full accord with all that we know concerning the duties and privileges of the state officials standing next after the king. In this connection we are particularly enlightened by detailed regulations for the office of vizier preserved in the tomb of inscriptions of Rekh-My-Ra, the vizier of Thutmosis III (1501-1447 B.C.). After the king, the vizier is the highest dignitary in the state with all the rights and powers accruing to the king. In a world, he replaces the king. In the king's absence, the vizier is the actual ruler, and in the king's absence the vizier is the actual ruler, and in the king's presence no person and no matter can reach the king except through the vizier's mediation. It is the vizier who issues all orders and he it is who carries out the royal commands. Every officer from the highest to the lowest must report to him.

"And Pharaoh said unto his servants, Can we find such a one as this, a man in whom the spirit of God is? And Pharaoh said unto Joseph, Forasmuch as God hath showed thee all this, there is none so discreet and wise as thou. Thou shalt be over my house, and according unto thy word shall all my people be ruled: only in the throne will I be greater than thou. And Pharaoh said unto Joseph, See, I have set thee over all the land of Egypt. And Pharaoh took off his signet ring from his hand, and put it upon Joseph's hand, and arrayed him in vestures of fine linen, and put a gold chain about his neck." —The signet ring signified not only the confidence of the crown, but it was also a token of high privilege, the bestowal of which rested with the king alone."

"And he made him to ride in the second chariot which he had; and they cried before him, Bow the knee: and set him over all the land of Egypt." —Joseph was driven in a royal chariot through the streets with runners calling for attention in front of him. There are many pictures showing royal chariots in sumptuous official apparel, the horses fully caparisoned as on solemn occasions of state ceremonies. It is noteworthy that some old Egyptian customs have been preserved to this very day in the valley of the Nile. In the same manner as runners were employed in front of Joseph's chariot, so throughout the ages right down to the khedives and viceroys of modern times, runners have been employed to clear the way for kings and high personages. Probably Lord Kitchener was the last counterpart of Joseph to have the runners with swords in their hands running in front of his carriage." The very word here translated "bow the knee," which is the word "abrek", meaning, literally, "mind thee", is the exact equivalent of the Arabic word "balak" which is used today by vehicle-drivers in Cairo when shouting to the pedestrians, by which they mean "Look up!"

"And Pharaoh said unto Joseph, I am Pharaoh, and without thee shall no man lift up his hand or his foot in all the land of Egypt."— The full meaning of this verse is explained in the quotation given above from Professor Yahuda. The meaning of the new name which Paharoh gave to Joseph has been vigorously interpreted. Some suggest that it means "the salvation of life," or " the salvation of the world," or "the food of the living." Professor Yahuda combines all these and says that it probably means "food of the land is this living one," conveying the idea that Joseph was the feeder of Egypt. Joseph's marriage to Asenath is only another evidence of the high position in which he had been placed, for the priests were the highest and most privileged class in Egypt, and intermarriage with this caste gave him the very highest social position. The name of his first child, Manasseh, "making to forget"; the name of his second child, Ephraim, means "to be fruitful." Our lesson closes with a brief notice of Joseph's remarkable administration over Egypt in preparation for and during the years of famine. To Pharaoh belongs the proud distinction of instituting the world's first ministry of food with Joseph as food-controller. There is always wisdom in providing for the future years. What is true of corn is also true of character. Rationing is never a pleasant experience. It means doing without some things for a while and partaking sparingly of others. Pleasure hours may have to be rationed, but only for later advantage, to stave off idleness and ignorance, and to secure the benefits of a good education.

Tomatoes Grown In Tanks of Water

No Soil Used, but Chemicals Aid "Culture"

WOOSTER, Ohio. — Rows of hardy green tomato plants nod sleepily in long wooden tanks through which clear water slowly churns. Their clean roots spread over the bottom of the tank. Not an ounce of earth is in evidence.

It is Spring outside, but in the greenhouse of the Ohio State Agricultural Experiment Station Summer has come.

Dr. L. J. Alexander, associate plant pathologist, discussed water culture, the scientifically valuable method whereby experts hope to learn exactly what makes plants grow.

Water culture, he said, is the ideal means of "putting plants on a diet", and thereby learning which elements help and which hinder their development.

Although there is hope, there is no immediate prospect of the system becoming a commercial success, he warned, despite countless enquiries received from persons who would like to start a truck farm in a tub of water.

Water culture, he explained, is the growing of plants in water to which chemicals are added. He hopes to make findings which may help convert barren fields into productive acres.

The essential chemicals of the process are calcium, potassium, phosphorus, nitrogen, sulphur, maganese, boron, zinc, copper and iron. Some others in minute traces may be valuable. These elements are dissolved in the water, and the plant "steps right along" as if raised in the earth. Plants are supported in trays above the water and the roots reach into the solution.

Champion Salesmen

Gary Gould, left, and Richard Wark, are shown with the Ontario-Queb Circulation Managers' Trophy which was awarded to them for excellence in newspaper salesmanship. These two boys comprise one of The Star's carrier boy teams.

Movie-radio gossip

By DOROTHY

Only the three or four ranking stars in any studio are given little portable bungalow dressing rooms parked right at the side of the set where they are working, so Robert Taylor was rather surprised when he went out to work in "Broadway Melody" to find George Murphy and Buddy Ebsen occupying a most elaborate one. Seeking out the business manager, he asked if he couldn't have a dressing room on the set since he had so many costume changes to make. "What's the matter with the one we gave you?" the business manager demanded angrily, stalking out on the set. Then he spied Ebsen and Murphy and bellowed: "These clowns are at it again."

When Lanny Ross abandons the "Show Boat" program shortly, Charles Winninger, the original beloved Cap't Andy, is expected to return, but Eddie Cantor thinks that Winninger will be much to busy making pictures. He says Winninger is a knockout in the new Cantor picture, "Ali Baba Goes to Town."

James Stewart is so worried for fear M-G-M will change their minds about lending him to R K O to play opposite Ginger Rogers that he has stopped having the phone answered at his house, and spends most of his time in a far away corner of the RKO lot where they are unlikely to locate him. To add further difficulties to the lives of phone studio operators, Buddy Ebsen spends most of his time on his new boat.

Ginger Rogers

ODDS AND ENDS—Warner Brothers wouldn't ask Bette Davis to take a supporting role in "Gentlemen After Midnight," the new Leslie Howard-Olivia de Haviland picture, but she surprised them by asking for it . . . Basil Rathbone has a chance to play a hero at last in Bobby Breen's new picture, "Make a Wish" . . . Paul Muni rehearses his lines by speaking them into a home recording machine, then listening to them . . . Sidney Blackmer rehearses in a room with five mirrors placed at various angles so that he can see himself all around . . . Betty Furness has a charm bracelet from which dangle a dozen or so fraternity pins. She claims she picked them up at a pawnshop, but considering her popularity with college boys all the folks around the studio are frankly dubious. . . Victor Moore's son and daughter are making their screen debuts in his RKO picture, "Missus America" . . . John Beal recently rented the house formerly occupied by Charles Laughton in Hollywood, but didn't get around to explore the cellar until recently. He thought he would find mementoes of some of Laughton's horror roles, but confronted by weird sounds and a pair of flashing eyes, all he found was a mother cat with a litter of kittens.

Thin People Live Longer As a Rule

Are Better Fortified Against the Menaces of Old Age

Each "type" of body construction has disadvantages in addition to its virtues, says a writer in New Health Magazine. The fat person has to pay for his happiness and sparkle and good digestion in other respects. There is not too much room for his lungs, and that easily leads to lack of oxygen in the body and shortwindeddness. The main artery is short and wide, and thus persons of the Sancho Panza type are inclined to suffer from calcination and diabetes, which is usually a disease of well-fed people and is connected with the nature of the vascular system. Diabetes is a form of calcination around the pancreas.

The thin person is threatened with only one illness of a serious character, and this is at once revealed by the X-ray. In this case the lungs are so large that with normal breathing they do not have sufficient air, and the result is that the lung-regions, not obtaining the necessary oxygen, are susceptible to the dread disease tuberculosis. But if middle age is reached without succumbing to the germ, then most people are safe and stand more chance than the fat of reaching the Biblical age of three score years and ten. We certainly see more old thin people than fat, and this is not only because they lose their fat with increasing age, but also because those in question are better fortified against the menaces of old age.

FARM NOTES

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

Question:—"How long does it take manure to produce nitrate in the soil? How does it give the nitrate, potash and phosphorus?"—L. B., Timiskaming Co.

Answer:—The nitrogen of stock manure is quickly available, especially when it is applied to the soil in the spring when the prevailing temperature is rising. Bacterial action is very rapid at this time, and nitrate nitrogen which is a product of bacterial action, therefore, becomes rapidly available. The phosphorus and potash become available as the plant materials decay. They will not be quite so quickly available as nitrogen, but will surely be sufficiently available to nourish the crop to which they are applied.

You probably know that if manure is fairly well stored so as to take care of the liquid manure, it will contain from 10 to 15 lbs. potash per ton. Generally stock manure is quite low in phosphorus, however, since the animal removes phosphorus from its feed in order to build its bone. Manure needs supplementing with phosphorus carriers especially.

Question:—"I have been applying chemical fertilizer (K.N.P.) in the following manner—dusting it on the lawn by shaking through a coarse gunney sacking bag. The result has been that the grass has burned. I followed the application of the fertilizer with liberal watering with garden hose. How can this fertilizer be applied without damaging the grass? Will the application of such fertilizer kill out moss? How much should be applied each time and how often? When is the best time?—G. W. M., Northumberland Co.

Answer:—I would say that it is possible that you have applied the mixture of the carriers N-P-K in too concentrated a form. If you use Sulphate of Ammonia as a carrier of nitrogen for instance, and apply it fairly liberally, its first action would be to burn the grass. However, the grass should soon recover and show much healthier and more vigorous growth.

If you are using a mixed fertilizer and dust it on the lawn after the dew has dried off, following this with a good sprinkling of water, you should have no trouble with burning. If you apply it at about two ounces per sq. yard, you will be applying it at the rate of 600 lbs. per acre.

If the fertilizer is acid in reaction, it will not kill out moss to any extent. To make it alkaline, however, if you care to apply a small dressing of lime, you will find this will curtail the growth of the moss. In other words, moss does not thrive under alkaline conditions. Hence the application of lime would tend to kill it out. I would suggest that you give the lawn a treatment as early as possible and again in about a month, and possibly again about the middle of July. This should bring it back in good form.

Hare Hounds Dog For Share of His Dinner

Boy, 2-year-old collie, and Girl, 6-months-old rabbit, do their best to chase away that tale of hares and hounds by eating out of the same dinner bowl in yard of their owner, Gregory Bissonette, of Los Angeles.

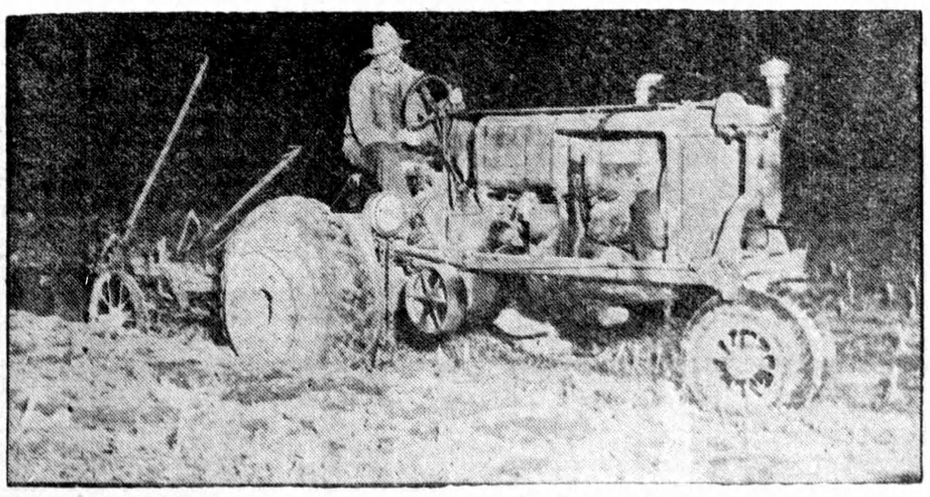
Girl Will Study For Rare Degree

Bachelor of Science in Dramatic Art is Her Aim

EDMONTON.—Gwendoline Pharis of the University of Alberta Extension Department, has been awarded a $500 Rockefeller Foundation fellowship by the University of North Carolina. She will study for a degree rare in educational circles, Bachelor of Science in Dramatic Art.

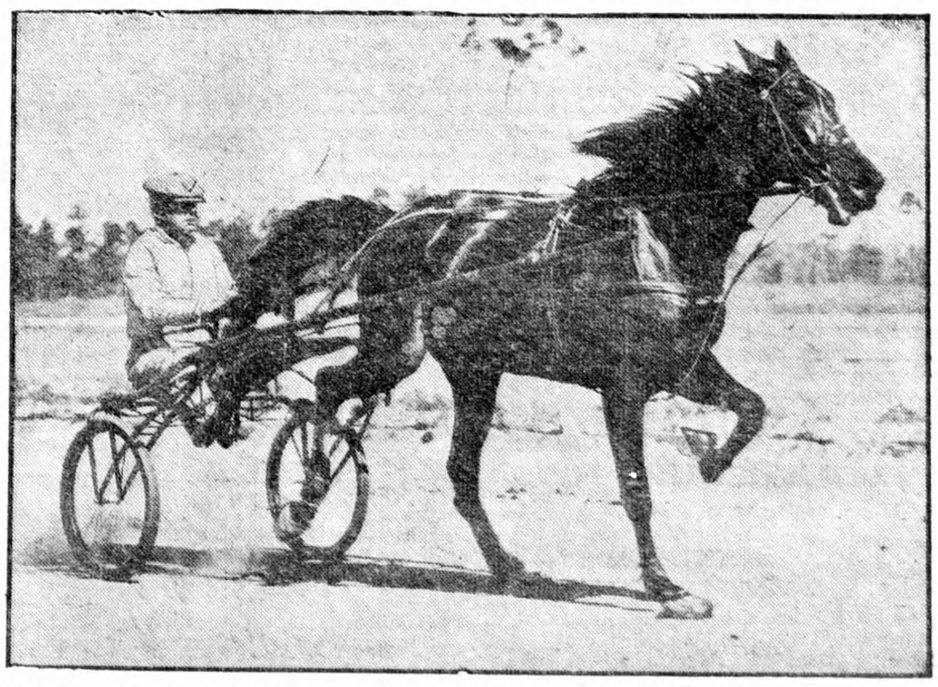
This is believed to be the first scholarship of its type presented to an Alberta candidate. Miss Pharis, who resides at Magrath, Alta., is an enthusiastic drama executive and actress. She graduated from the University of Alberta with an Arts degree in 1932. Since she has acted as secretary to Mrs. Sterling Haynes, department of extension Drama director.

Night Work On Illinois Farm



A farmer near Wheaton, Ill., plowing a cornfield with the aid of searchlights. Farmers throughout the area are working day and night to make up for the late start caused by the heavy rains earlier in the season.

Hambletonian Stake Favorite Stepping Out to Show Her Form



Twilight Song, crack 3-year-old trotter who is favored to win the Hambletonian Stake, putting her best foot forward in workout at Lexington, Ky. Ben F. White, veteran trainer who groomed Rosalind for last year's victory, is up.