MARKETING ALFALFA PRESENTS SEVERAL DIFFICULT PROBLEMS



repared by the United States Depart- also of the grade No. 1 causes the shipment of Agriculture.)

The irrigated areas of the southwestern United States can produce a high market grade of alfalfa hay, but there are several difficult problems that must be solved in order profitably to market the hay, say specialists of the bureau of markets and crop estimates, United States Department of Agriculture.

Method of Baling.

The first step which has a direct bearing upon the marketing of alfalfa is baling. The rainfall in the Southwest is exceedingly light during the hay-making season, and for this reason much of the hay is baled out of the windrow or cock.

When hay is baled from the windrow in sufficiently green state to save all the leaves, it cannot be pressed tightly because of the danger of heating, and shippers therefore frequently experience considerable difficulty in loading cars with the minimum weight for which they pay charges. Hay which has been stacked and allowed to dry can be baled more compact, but in baling stack hay many of the leaves shatter because of the dryness. According to the application by many inspectors of the present grade rules, this bay is of a lower grade than when the leaves cling to the stems, notwithstanding the fact that the leaves may be contained in the bale.

Sources of Trouble.

Bleached hay, together with weeds, causes considerable trouble in marketing alfalfa. It is well known that alfalfa hay bleaches quickly when exposed to bright sunlight, but there is a wide difference of opinion as to just the amount of nutrient that is lost in bleaching.

Commercial grade rules, however, are based in part upon this factor. Producers and shippers in these sections contend that too much weight is given the color factor in the present commercial grades for alfalfa and not sufficient weight to its feeding value.

From investigations recently made by the bureau of markets and crop estimates, it appears that when the present grading rules are rigidly and technically applied, as is frequently the case on declining markets, it is impossible under the most ideal conditions to produce "choice" grade alfal-

The presence of a weed, a blade of grass or of a blenched stem will pre- ganized in several of these projects. it is practically impossible to obtain hay which is entirely clear of any of the Southwest would seem to be along these things. Considerable hay is the line of better standards and their ever, but the use of it, and sometimes ing specialists.

per a heavy loss.

The specialists believe that commercial grades for any kind of hay should be made so that the physical limitations in production and preparation will be properly recognized, and that such grades should be uniformly applied, and not influenced whatever by the state of the market.

Causes of Wide Margins.

Most shippers in the irrigated sections seem willing to handle hay at a gross profit of \$1 per ton if the chance of losses on account of rejections could be eliminated. The rejections are almost always based upon the claim that the hay is not up to grade, but occur almost entirely upon a declining market. With only the meager protection against this practice and resultant loss, furnished by inspection services maintained by the trade organizations of the various markets, he is compelled to raise his margin of gross profit to \$2 or \$3 per ton.

When the producer notes the wide difference between the price which he has received for his hay and the price quoted at the adjacent market, be feels that the shipper or dealer is taking advantage of him and is making too large a profit. The producer's desire to share in this supposedly large profit is one of the principal causes of the co-operative wave that is now agitating southwestern alfalfa growers. When this desire is stimulated by an enthusiastic, prospective manager it seems to be not a very difficult mat-

ducers to ship and market hay. Co-operative Marketing Association.

ter to form an organization of pro-

Co-operative market associations can no doubt market their own hay as advantageously as the individual shipper, provided their manager is as well trained and possesses equal experience and business ability, but they are sure to meet the same marketing difficulties, and will have just as many rejections and los s which must be deducted from the proceeds of their sales

Many of the irrigated sections of the Southwest do not ship more than from 2,000 to 3,000 cars of hay each year and this business is in some instances divided between two or three shippers, who also conduct other businesses in connection, thus greatly reducing overhead expenses. Co-operative shipping associations are being orvent a bale from grading "choice," and The cure for the present marketing difficulties in the alfalfa sections of bought and sold on this grade, how- impartial applications, say the market-

FIX FARM INCOME BY VOLUME OF BUSINESS

Must Be Margin Above Annual Maintenance Charge.

Size of Business Is Most Important Factor to Be Considered in Selecting a Place-Three Things to Remember.

(Prepared by the United States Depart-ment of Agriculture.) It requires a farm business of at least fair size to provide an income that will merely cover maintenance charges and these charges are relatively higher for small farms than for large ones, say special-

ists of the United States Department of Agriculture. A farm may be of such size as to furnish most living needs of the farmer, such as vegetables and fruits, as well as enough income to pay the taxes and running expenses, but unless there is a margin above this annual maintenance cow. charge no progress can be made toward accumulating a surplus.

This point is often overlooked, and thousands of men fail to understand why they do not get ahead faster, when, as a matter of fact, the size of their business is such that there is only a slight possibility of any margin being left after obtaining a bare living and paying absolutely necessary running expenses. Often the income is insufficient even to do this, and the farmer and his family have to go without some of the comforts of life.

Thus it is that the size of the farm business is one of the most important, if not the most important, factor In determining the value of a farm in this regard it is essential, specialis, make sure that the desired volume ness methods are practiced.

of business is at least potentially present, as evidenced by tillable land or by markets for intensive crops on small areas.

That the volume of business can be achieved by economical methods.

That the volume of business that can be conducted on the farm is such that it will yield an income large enough to provide a comfortable margin, after paying the absolutely necessary expenses of operation and providing an adequate living for the farmer and his family, for saving or future demands.

DAIRY COWS LIKE VARIETY

Few Speckled Apples, Beets, Carrots and Other Worthless Foodstuffs Are Delicacies.

A dairy cow appreciates variety in her ration almost as much as does a human being. Hay, grain and sliage are good and certainly should constitute the main part of the ration. But a few speckled apples, beets, carrots, small potatoes, and other worthless foodstuffs all are delicacies to the The dairyman who thinks of his cows in this way, not only keeps them in flourishing condition, but is repaid immediately by an increase in milk yield.

STAR BOARDERS NOT WANTED

If Milk Flow Is to Be Kept Up Cow Must Be Persistent-Otherwise Discard Her.

The cow that milks heavily for a short time or for four or five or six months and then drops off, perhaps entirely drying up, is never to be seriously considered when annual records are being computed. Naturally if one is to keep up the milk flow he to be considered in selecting a farm. must have a cow persistent in her makeup. If she proves otherwise, it is probable that she belongs to the ists say, to make sure of three things; class of star boarders that have no That you have an opportunity; that place on any dairy farm where busi-

IMPROVED UNIFORM INTERNATIONAL

esson

By REV. P. B. FITZWATER, D. D., Teacher of English Bible in the Moody* Bible Insutute of Chicago.) (©, 1921, Western Newspaper Union.)

LESSON FOR SEPTEMBER 18

ABSTINENCE FOR SAKE OF OTH-ERS (TEMPERANCE LESSON).

LESSON TEXT-1 Cor. 10:23-33; 3:16, 17. GOLDEN TEXT-Whether therefore ye at, or drink, or whatsoever ye do, do all to the glory of God -1 Cor. 10:21. REFERENCE MATERIAL-Rom, 12:1; 14:13-2); i5:t, 2; t Cor. 6:9-20; 9:19-27, FRIMARY TOPIC—A Clean, Strong

Body.

JUNIOR TOPIC-How to Win the Race.
INTERMEDIATE AND SENIOR TOPIC -Presenting One's Body a Living Sacri-

YOUNG PEOPLE AND ADULT TOPIC -The True Meaning of Temperance.

The occasion of this teaching was the uncertainty as to the right attitude toward "things sacrificed unto idols," This problem was most vital while the Christians were in the midst of the beathen, and with some modifications no less vital still. In mingling with society many perplexing questions arise, such as amusements, way of spending Sunday, enjoyment of luxuries, owning stock in certain corporations, etc. Our lesson contains principles adequate for our guidance in all these problems.

It was customary to divide the animal offered in sacrifice into three parts. One part was consumed on the altar, another part was given to the priest, and the third part was kept by the party bringing the offering. The priest's part was frequently sold in the markets. The part which the offerer kept was sometimes eaten at home and sometimes in the court of the temple. The Christian who bought meat in the market was liable to get meat which had been dedicated to the idol god. Then, too, one would be invited to cat socially at the table of someone who had kept his portion of his offering and now set it before his guests. Some with adequate knowledge had no scruples about it; others with less knowledge thought it sinful. The one who has knowledge should bear with the weak one, and at the same time should seek to teach his brother the truth so as to set him free from bondage of superstition. The glory of God should control in all things.

I. "All Things Are Lawful for Me"

This declaration is limited, of course, by things which are right in themselves. It is not true that a Christian is free to do those things which are wrong. The Christian can only indulge in "lawful things" as they are expedient and unto edifica-As individual Christians we have liberty to do many things which because of their influence on our fellow Christians we should abstain from.

Even with one's self that which is not edifying should be ruled out.

II. "Let No Man Seek His Own" (v. 24).

The Christian is under the control of love. The controlling principle of love is unselfishness. The one dominated by love considers the other's interests rather than his own.

III. "Eat the Food Set Before You" (vv. 25-30).

It is not incumbent upon us to be on the hunt for occasions of the conscience either of ourselves or others. Exercise your freedom in the enjoyment of all right things which the Lord places before you, but as soon as it is brought to your attention that certain things are to the disadvantage of others, you should desist; that is, exercise self-control.

IV. "Do All to the Glory of God"

(v. 31). This is the grand and supreme rule of life for the Christian. The Christian is not at liberty to do that upon which he could not ask the blessing of God. In our eating, employments and pleasures, we should have as our transcendent aim God's glory. How could one ask God's blessing upon the intoxicating cup, dancing, gambling, theatergoing, Sunday desecration, luxurious extravagance, etc?

V. "Give No Occasion for Anyone to

Stumble" (v. 32). We should so live that no one can ever say that we have been the occasion of their downfall.

VI. Follow the Example of Jesus Christ (11:1).

Christ through love gave up all for the sake of others. He did not please himself. Everyone, therefore, who is a Christian should imitate Him.

VII. The Christian's Body Is the Temple of the Holy Ghost (3:16, 17). This great truth is true of the Church as a body, but that which is true of the body is true of the individual composing the body; so the point in this Scripture is the serious consequence of defiling the body.

To Do Our Best.

God hides some ideal in every human soul. At some time in our life we feel a trembling, fearful longing to do some good thing. Life finds its noblest spring of excellence in this hidden impulse to do our best .- Robert Collyer.

Patches.

No man seweth a piece of new cloth on an old garment; else the new piece that filleth it up taketh away from the old, and the rent is made worse .- Mark 2:21,

Evolution of a Name. "I thought your wife's name was

Elizabeth?" "So It is." "Then why do you call her Peggy?"

"Short for Pegasa." "What has that got to do with it?" "Why, Pegasa is feminine for Pega-Sus."

"Well?" "Well, Pegasus is an immortal steed."

"What of that?"

"Sh! Not so loud. She's in the next room. You see, an immortal steed is an everlasting nag, and there you are!"

dodging?

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Use of Accelerator Causes "Short Circuit" of Pedal Nerves or "Motor Foot," It is Said.

When car owners return from their summer vacations many of them return limping. A new summer epidemic is at large in the ranks of vacationists.

CAR DRIVING HARD ON FEET

The new allment has been given the popular name of "motor foot." In the language of surgical chiropody it is indexed and classified under the name of "metatarsal displacement."

Continuous motoring is the cause of the ailment. It is a right foot trouble caused by the continuous strain occasioned by long motor trips when the driver keeps his foot in the strained position required by the use of the car accelerator.

This position causes a displacement of the metatarsal bones which in turn causes them, in motor language, to "short" the nerves of that part of the foot. This in turn is the answer for the pain that accompanies the dis- the same plan." tinction of possessing "motor foot,"

"Motor foot" not only makes walking painful, but practically eliminates golf, tennis or any of the other popular forms of active recreation.

"I'm discouraged and tired of life,"

declared the head of the family. "Why so despondent?" asked his friend.

with it? work a day is enough to supply each |-Advertisement.

member of the community with a living, provided the work be equally shared by all. "Well, I'm the only one in five in

my family that labors. So, if statistics are true, to support the crowd I've got to work twenty-five hours a day."

Such a Jollier!

"How high up did you go with that

young aviator?" "He said we were in heaven," replied the maiden, with a blush, "but I didn't believe it."

Just ink. "The squid spurts out a cloud of ink." "Many novels are written on

Make your environment lest your

environment unmake you.

Act, or youll react.

The Folly of Cheating Nature

Many people get the idea that they can keep their nerves on edge and their digestion upset year after year, and "get away with it." They sleep only half as much as they should - and never get properly and thoroughly rested.

If you tire out easily, if you are getting pale and anemic, if your food doesn't digest as it should, would it not be well to stop and consider whether coffee or tea is having its effect on you?

The caffeine and thein found in coffee and tea are drugs, as any doctor can tell you. Is it any wonderthatthesteadyuse of these drugs sometimes causes serious damage?

If you really want to be fair with yourself, and

give yourself the opportunity you deserve in order to do your best work, make up your mind to quit coffee and tea for awhile-and drink delicious, appetizing Postum instead.

Postum permits sound, refreshing sleep which builds strength, energy and endurance.

Order Postum from your Grocer today. Drink this hot, refreshing beverage in place of tea or coffee for 10 days and see what a wonderful difference it will make in the way you feel.

Postum comes in two forms: Instant Postum (in tins) made instantly in the cup by the addition of boiling water. Postum Cereal (in packages of larger bulk, for those who prefer to make the drink while the meal is being prepared) made. by boiling for 20 minutes.

Postum for Health "There's a Reason"



KEEPING WELL MEANS

A CONSTANT FIGHT

e may be described as a catarrhal condition. Coughs, colds, nasal ch and bowel disorders are just a few of the very common ills due to

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AGAINST CATARRH

Special Care of Baby.

That Baby should have a bed of its own all are agreed. Yet it is more reasonable for an infant to sleep with grown-ups than to use a man's medicine in an attempt to regulate the delicate organism of that same infant. Either practice is to be shunned. Neither would be tolerated by specialists in children's diseases.

Your Physician will tell you that Baby's medicine must be prepared with even greater care than Baby's food.

A Baby's stomach when in good health is too often disarranged by improper food. Could you for a moment, then, think of giving to your ailing child anything but a medicine especially prepared for Infants and Children ? Don't be deceived.

Make a mental note of this:-It is important, Mothers, that you should remember that to function well, the digestive organs of your Baby must receive special care. No Baby is so abnormal that the desired results may be had from the use of medicines primarily prepared for grown-ups.

MOTHERS SHOULD READ THE BOOKLET THAT IS AROUND EVERY BOTTLE OF FLETCHER'S CASTORIA

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women.' "Aw, g'wan! I'm the ice man!"

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