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Ten Cents

Farm Fuel Allocation System Outlined



RECORD GRAIN SORGHUM CROP—Projections for this year's grain sorghum crop were 100,000 bushels above 1972 figures, a record yield and number of bushels, according to Agriculture Commissioner John C. White.

Housing Plan Initiated at South Plains College for Commuting Students Benefit

South Plains College will initiate a campus housing plan this spring for commuting students caught in the squeeze of the gasoline shortage.

"Should gas prices continue to rise or gas rationing become a reality, daily commuting may become a problem," said Earl

Gerstenberger, Dean of Students of SPC.

He said that the housing plan would permit commuting students to check into a campus dormitory for several nights a week, much the same as staying at a motel. Combined cost for the

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Ropesville Area News

Visitors for Christmas in the home of the Kenneth Evans were Mr. and Mrs. Clyde Parker and Brian Keith from Lawton, Oklahoma. Also Mr. and Mrs. Jerry Brock of Odessa and Alfred Evans from Fort Hood.

Mrs. Taliaferro will celebrate her birthday Dec. 26. We wish her a happy one and many more to come.

Lubbock Christian College is now selling bonds that pay 7 percent interest annually. The bond denominations are \$250, \$500, \$1,000 and \$5,000. This is an opportunity to help yourself while helping LCC continue its phenomenal growth.

For more information write or call Dr. F.W. Mattox, LCC, 5601 W. 19th St., Lubbock, Texas 79407. Phone 806:792-3221.

Visitors in the Bob Whitlock home for Christmas were Mr. and Mrs. Don Whitlock and Rob from Odessa, Mr. and Mrs. Harvey Lamb of Lubbock, Mr. and Mrs. Peter Graves of Lubbock, Mr. and Mrs. Larry Daveson of Lubbock, M/Sgt. Bobby John Whitlock, Debbie, Lorie and Cindy from Abilene, Mr. and Mrs. John Hart and Charles of Lubbock, Mr. and Mrs. Tommy Dave Whitlock, David, Wendell, and Ann of Lubbock.

Christmas guests in the home of

Mr. and Mrs. Philip Kimberlin were Mr. and Mrs. M.H. Wade, Mr. and Mrs. Victor Jones of Lubbock; Mr. and Mrs. Clarence Wade of Georgetown, Mr. and Mrs. Steve Kimberlin of Ropes and Jimmy Kimberlin of Fort Bliss.

Mr. and Mrs. Philip Kimberlin and family and Mrs. Ada Kimberlin were dinner guests at the home of Mr. and Mrs. J.B. Jones in Lubbock Sunday.

Christmas guests in the home of Mr. and Mrs. Robert Hall were Mr. and Mrs. Delbert Hall and family of Coppers Cove, Mr. and Mrs. Kenneth Hall and family of New Orleans, Mr. and Mrs. Monte Fowler and family from Tennessee, and Mr. and Mrs. Vaughn Bates of Lubbock.

Sick List

Herman Timmons in much better in Methodist Hospital after having open heart surgery last week.

Ottos Owens is a patient in the Methodist Hospital. We hope he will be home soon.

Keith Streety has been on the sick list.

Baby Boy

A brand new baby boy came to bless Russell and Rhonda Arp Wednesday at 8 p.m. in St. Mary's Hospital. Both mother and baby are doing fine.

Lubbock Experimental Station Scientists Seek to Upgrade Grain Sorghum

Research scientists at the Texas Agricultural Experiment Station here are taking a new look at the one billion-dollar Texas grain sorghum bonanza. This time with an eye to upgrading it as an animal feed and improving its potential for use as a human food.

To accomplish this, Dr. Jerry Johnson and Dr. Darrell Rose now, grain sorghum breeders with The Texas Agricultural Experiment Station at Lubbock, are working with TAES cereal chemists and animal nutritionists to define the characteristics that are responsible for nutritional differences among sorghums.

Improvement in quality of grain sorghum would mark a notable advancement in the value of sorghum both as a human food and animal feed, say the researchers.

The importance of grain sorghum to the cattle feeding industry is uncontestable. The one billion-dollar crop comprises over half of the ration used in Texas cattle feedlots. And though a substantial amount is used in swine and poultry enterprises in the nation, the majority of grain sorghum in Texas is used to support the rapidly growing feed cattle industry.

The staggering economic impact of the feedlot cattle industry, the scientists assert, extends to the transportation of beeves and supplies, seed and fertilizer companies, export trade, labor, and many other components of the feedlot system, generating a multiplier effect of 2.5.

But the cattle feeders don't spend their time hauling money to the banks, the researchers

hastily add. Profits have been slim and frustrations all too many. Prices at all levels have shot up, especially grain prices.

"This is why we are interested in coming up with new varieties of grain sorghum to improve quality," says Johnson. "We know that if we can upgrade the sorghum as animal feed, it will result in more pounds of gain on the same amount of feed, reducing the cost per pound of gain to finish these cattle."

Ironically, any improvements in the sorghum might also result in improving the plant for human consumption, Rosenow believes.

For one thing, he points out, research data collected thus far indicates that the genetic changes that are possible in the sorghum kernel influence its acceptance both as a human food and as animal feed. Among these genetic properties are certain compounds called tannins (polyphenols). "Tests have shown that sorghum high in tannin compounds not only are undesirable as a food source but are less efficient in beef production," Johnson adds.

"Tannins affect color and astringency (bitterness). Some exotic lines of the World Sorghum Collection are lower in tannins than U.S. lines," says the scientist.

"If we can improve the sorghum kernel characteristics that affect the presence of tannins by breeding exotic lines into U.S. lines, we would be able to grow sorghum in the U.S. that would be improved as an animal feed and also acceptable for human food," he concludes.

Other grain characteristics being studied include the endosperm texture (hardness) and type (waxy, normal, sugary), protein content, quality, and digestibility. Research findings indicate that grain with waxy type starch may be somewhat more digestible than grain with the non-waxy type, and more desirable.

Many of the grain quality characteristics being studied have been found in exotic sorghums in the World Sorghum Collection, says Rosenow.

The world collection, he noted, is made up of about 14,000 varieties of grain sorghum. Many of these cannot be used in the U.S. breeding programs because they fail to mature under long days in temperate areas and because they are too tall.

To make these types available in useful form, Rosenow and Johnson, based at the Texas A&M University Agricultural Research and Extension Center, are converting the tall, late-maturing exotic lines to dwarf, early maturing, day length insensitive lines. These converted lines can then be grown and evaluated for desirable characteristics.

Grain from sorghum lines developed at the Lubbock Center

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Farm fuel for 1974 will be based on annual rather than monthly allocations. This was decided by an agricultural advisory committee to the Federal Energy Office, Tuesday, December 18, in a Washington meeting.

Farmers may receive up to 125 percent of the fuel they used in 1972, providing it is available, an FEO spokesman said.

A.W. (Dub) Anthony, Jr. of Friona, Texas, president of Grain Sorghum Producers Association, is a member of the agricultural advisory committee and attended the Washington meeting with Jack King of Lubbock, GSPA research director.

"We told the federal people that the monthly allocation system set up several months ago simply will not work in agriculture," Anthony said on his return to Lubbock.

"The FEO people assured us they will set up a new system for the distribution of agricultural fuel based on 1972 consumption," Anthony said.

The GSPA president explained that farmers may receive up to 125 percent of their 1972 fuel "if it's available, and that's the big question," but Washington officials are predicting a fuel shortage of 17 to 25 percent.

Farmers will have draw ahead privileges under the new system to take care of seasonal changes in fuel requirements," Anthony continued.

Diesel fuel is critical for most American farmers, Anthony pointed out, since about 70 percent of the country's farm tractors are diesel powered.

Telephone Bills to Show Reduction

Telephone bills will reflect a one per cent decrease for the second year beginning in January, says a report from General Telephone.

The reduction is the second scheduled step to eliminate the Federal Excise Tax paid by telephone customers and collected by telephone companies on telephone service. The tax was reduced during 1973 from 10 per cent to 9 per cent and will be reduced to 8 per cent during 1974.

The Federal telephone Excise Tax was first passed as a "temporary" tax during the Korean Conflict in 1953. It was an easy tax to assess, even easier for the government to collect since telephone companies did the collecting for the government free of charge.

Despite continuing efforts to remove the tax, felt by many to be unfair, it has continued since the end of the Korean Conflict.

The tax is levied on both local telephone service and long distance calls.

Paving The Way

Among the paving materials most commonly used in this country are concrete and good intentions.

—Herald, Austin, Minn.

SPORTS

by Joe Kelly

The countdown has started and, before you know it, the kickoff will come in the game that, locally, is the biggest of them all. Texas Tech and Tennessee square off in just two days.

The Volunteers present a formidable foe. Although their season's record isn't as outstanding as Tech's, they have played a rugged schedule and they took the fight to No. 1 Alabama before falling apart in the fourth quarter.

Much is being made of the "look-alike" appearance of the two teams offensively and their apparently is much the same in the two attacks. Both depend greatly on exceptional quarterbacks, but both also have outstanding runners and strong defenses.

Tennessee will have a weight advantage, something that isn't new to the Raiders. They also have bowl experience, but that also is true of Tech, so jitters shouldn't enter into it.

What could be the difference is Tech's opportunistic defense. The Raiders this year forced mistakes and then took advantage of them. All things being equal, this could give the edge to Tech.

In fact, this was an interesting Raider year. In at least one game it looked as though Tech was going to be trampled. The line was swept aside, the defensive backs were picked clean and the opposition moved the ball with ease.

About the time that you said to yourself "well, it was great while it lasted," here came the Raiders out of nowhere to recover a fumble, grab a dropped punt, or drive against the clock and score to wrap up a victory when defeat was imminent.

The Raiders, unlike Texas, didn't overpower anyone. If anything, they finessed the opposition. They lulled them to sleep and then struck. So, I look for Tech to take a close victory Saturday.

Gerald Myers stands at the crossroads in the 1973-74 basketball campaign. His Raider cagers were wiped out by New Mexico and Arizona on successive nights, two nights when Tech played horribly.

Just how much mental damage these two defeats will have on the Raiders, only time will tell. The players must have been shaken to see scores of 102-65 and 88-64 posted against them. They were out of both games relatively early.

Now it is up to Gerald and his staff to mentally rebuild the club. The coaches will have their troubles doing this, but they can do it and I'm confident that the Raiders will rebound.

Neither defeat was unexpected. New Mexico had the added incentive of resenting last year's refusal by Tech to allow the game here to be telecast. Arizona also has one of the better basketball teams in the nation, as do the Lobos. Only the margin of loss, the turnovers, the loss of poise, hurts.

My hat's off today to Joe Cronin, the American League president, who told the Yankees that they couldn't sign Dick Williams and who told Williams he had to honor the two years remaining on his contract.

If Williams wants to quit Oakland, that's his right. It isn't his right to renege on the two years remaining to sign with another team, whether it's New York or anyone else. There's been too much of that in the sports world as it is.

Whether Cronin made his decision based on what lawyers advised him, or from his own convictions, doesn't enter into it. The action was good for sports in general.

For too many years coaches have been allowed to break contracts because of better offers, while at the same time holding schools to obligations when said coach was fired for not producing. The Cronin decision may reverse all of this activity.

Much the same type of situation was true at San Diego where a baseball franchise was on the verge of being transferred despite obligations to the city.

It is academic to ask why Washington, a city of losers, if you'll pardon the broad intent of that statement, wanted the San Diego franchise. Someone did. Someone offered money for it. And, for a time, it looked as though the deal was consummated. Then judicial wisdom ruled better.

Action against Dave Smith, athletic director and head football coach at SMU, doesn't end the matter. I feel sure that SMU is hopeful that, by putting him on probation and removing him as athletic director, the action forestalled action by the SWC and NCAA.

Don't bet on it. Both the conference and NCAA take a dim view of such extracurricular activities. They probably will endorse action taken, quite probably add some of their own.

Good old 1973 is almost gone and so is the space allotted for this column. So, also, are the good intentions I had back on Jan. 1, 1973, to mark up highlights in the sports world to report at the years end.

I got as far as, during the Cotton Bowl, to note: "Did Lowry step out of bounds?" And then, Gary Yepremian's superb pass in the Super Bowl for year-end comment. So, space has run out with no more mention than those two

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MISCELLANEOUS FOR SALE



Singer Touch & Sew—deluxe models, these machines zig-zag, blind hem, make buttonholes, fills boggin in machine, etc. Desk cabinets with drawer space. Used 3 mos. several left out of public school systems. Your choice, \$75 each. Cash or terms. Fully guaranteed. Sewing Machine Service Center 2716 50th St., 792-8226

BOATS



For Sale—15 ft. Kingfisher Bass Boat with bucket seats. 25 H.P. Johnson. Dilly trailer. Mint condition. 2506 48th St., Lubbock. 799-8520.

New Year Anti-Inflation Plan

Has the cost of living created a family financial crisis? If so, resolve to start the new year off right with a plan to beat inflation.

Taking a realistic look at the family's financial situation is the first step. Second, inform each family member about the situation. But don't frighten children by creating an impression that there's no money for needs. Instead, explain that some of their wants may have to wait. Point out that through family cooperation, money will stretch to buy more.

Make a list of everything the family has of cash value, plus all outstanding debts. Then list regular and major expenses. Review the past year's receipts and cancelled checks. This puts the family in a better position to make adjustments and makes a good start for the 1973 income tax report.

Next, record spending for a few weeks to see how out-of-pocket expenses mount. Often this shows families several places to cut expenses. Also take a look at how much money is spent on interest charges. The total interest paid in one year often surprises a family. Once this amount is realized, the family may decide to reduce or eliminate future credit purchases.

Do-it-yourself projects offer another way to cut expenses. So does setting up family recreation around free or low-cost sources. However, planning alone won't get a family out of a financial pinch. It takes determination and family cooperation to make a plan work.

Graves for Drivers

Montreal—For those who are willing to admit in writing they plan to drink and drive over the holiday season, the Montreal Memorial Park offers them a free grave and marker. Last year more than 100 registered. None was killed.

Home Highlights

by Jewel Robinson

Colorful Flames In The Fireplace

To have beautifully colored flames in your fireplace there are a number of chemicals which may be used.

First, select bits of wood, bark, or similar materials. Then secure appropriate chemicals from a local hardware store or a drug store.

Colored flames can be produced by chemicals such as red with strontium nitrate or chloride, green with Boraz, blue with copper sulphate, orange with calcium chloride, and yellow with common table salt.

Caution should be taken when using copper salts since they will stain brick, tile and concrete, so be careful in placing the colored objects to avoid permanent stains.

To treat the materials, either dissolve the chemicals in a wooden pail or earthen crock, the chemicals will destroy metal containers. Use about one pound of chemicals to one gallon of water to treat 1/2 or 3/4 bushel of material. Dip the material, which has been placed in a basket or porous bag, in the solution. Remove the container, let drip, and then spread materials on paper to dry. After drying overnight, dip again and dry. They are now ready to use.

Resolutions

Americans continue to make resolutions at the beginning of each new year. Some greet the process with cynicism, knowing most of the resolutions will be broken, some before very many days of 1974 have passed.

But resolutions often signify that the maker seeks to improve his habits or behavior; they are a sign the maker is striving to better himself or herself in some way. In that sense they are an indication of an active mind, of good intentions.

New Year's resolutions, then, whether kept or not, are a good idea. They constitute a taking stock, a plan for better things in the future. And that is what the game of life is all about, the hope, and effort, to build a better future.

Gets Her Wish

Clover, S.C.—Mrs. Josephine Mills gave her mother a 30-ton rock for Christmas. Her mother, Mrs. Lena Stewart, said she'd wanted a rock in her yard since she was a little girl. A bulldozer delivered the gift.

events, and without room to wish each and every friend and reader a most prosperous and Happy New Year! May it be a year filled with peace, love and joy, will success for all.

Housing Plan . . .

Continued From Page One

room, linens, towels and three meals would be \$4.25 a day, he said. The student would check in with the dorm matron and would be issued a room key and a meal ticket.

"The plan also would be good if a student is caught here on campus because of bad weather," Gerstenberger said.

He estimated from 20 to 30 commuting students might take advantage of the dorm plan if the gas shortage continues to worsen.

Gerstenberger stressed, however, that only students who qualify as commuters will be eligible for the campus housing plan. Commuting students, those who qualify to live off-campus, are those students who either live with their parents, are married, veterans or have otherwise been granted permission to live off-campus.

Stroud Hall has been tentatively designated as the men's dorm to be used for off-campus housing. A women's dorm will be selected later.

Grain Sorghum . . .

Continued From Page One

is analyzed at the Cereal Quality Laboratory of the TAES at Texas A&M University. Headed by Dr. L.W. Rooney, the lab assembles information about the physical and chemical characteristics of sorghum grain and relays its findings to Rosenow and Johnson for further study in their breeding program.

"Because grain sorghum as an animal feed is such an important part of our High Plains economy," Johnson explains, "we are looking for ways to improve the crop from that standpoint.

"Certainly, however, we hope these studies will result in the development of varieties for food that can be grown in our climate. Because of the nature of this most valuable grain, we may be able to accomplish both to some degree at the same time."

Stolen Freezer

Oroville, Calif.—Michael Martin couldn't believe that his freezer had disappeared from his back porch. While he was talking to sheriff's deputies he saw his freezer in a neighbor's yard. The neighbor bought the freezer from two men who brought it to his door and offered it for sale.

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