

new horizons

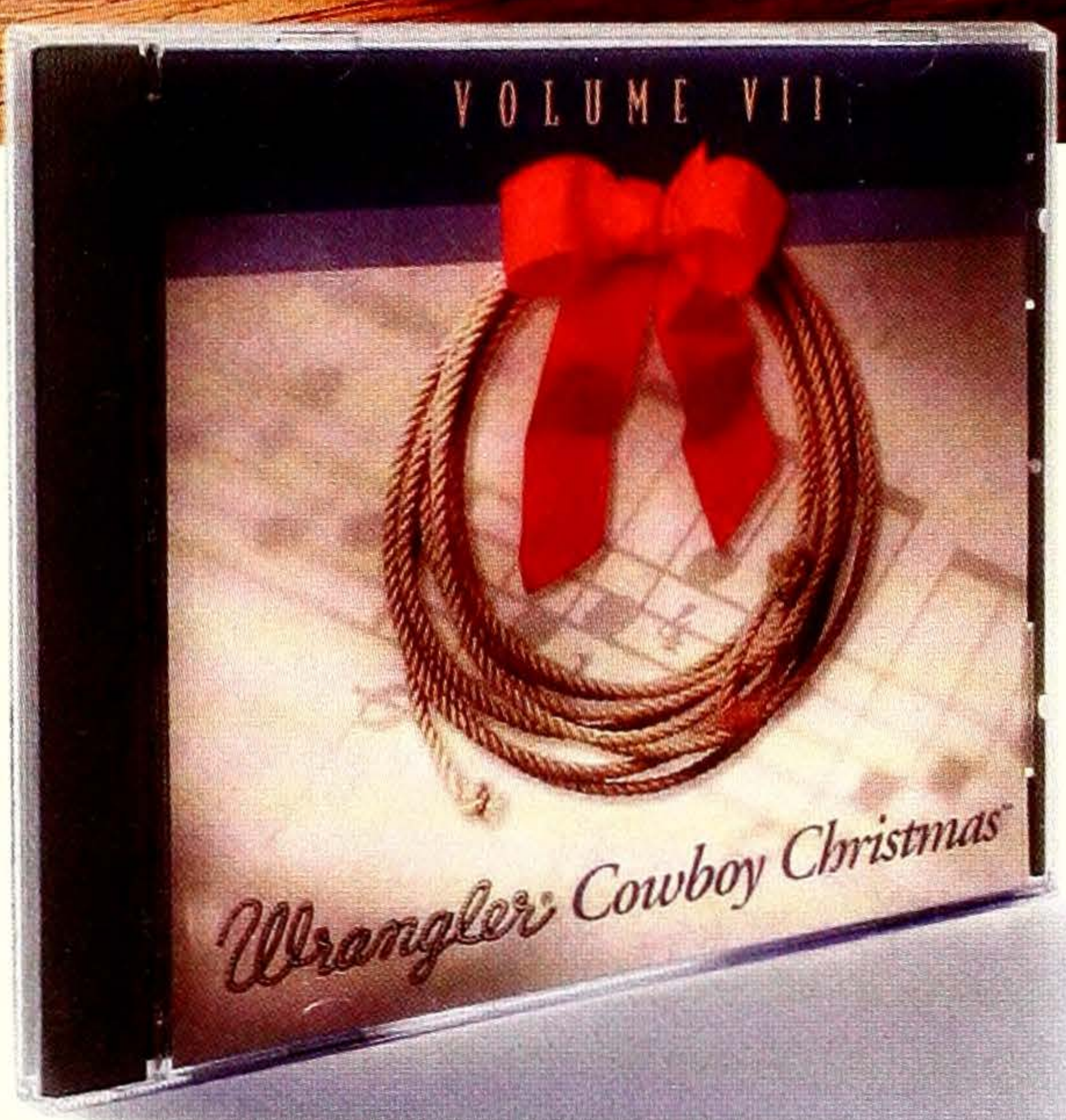
The magazine of the National FFA Organization

November/December 1999



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November/December 1999

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20 Gadgets of Tomorrow

Technology is making things smaller and smarter. Check out these futuristic gadgets that will soon reach the market.



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FFA Mission Statement

FFA makes a positive difference in the lives of students by developing their potential for **premier leadership**, **personal growth** and **career success** through agricultural education.

Agricultural Education Mission

The mission of agricultural education is to prepare and support individuals for careers, build awareness and develop leadership for the food, fiber and natural resources systems.

On the cover: Missouri FFA member Valeska Gebelin. Illustration by R.J. Shay

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FFA New Horizons (ISSN 1069-806X) is prepared and published bimonthly by Farm Progress Companies Inc. on behalf of the National FFA Organization, 6060 FFA Drive, Indianapolis, IN 46268, in cooperation with the U.S. Department of Education as a service to state and local agricultural education agencies. Periodical postage rate is paid at Indianapolis, IN and additional mail offices.

POSTMASTER: Address all correspondence to: FFA New Horizons, Attn Twana Griffin P.O. Box 68960, Indianapolis, IN 46268-0960
 SUBSCRIPTION: Non-FFA member rate: \$5 for one year in U.S. and possessions.
 FFA member rate: \$1.75 for one year (paid with dues).
 Single copy: \$1.50, or \$.75 each for five or more.
 Foreign addresses: \$8.
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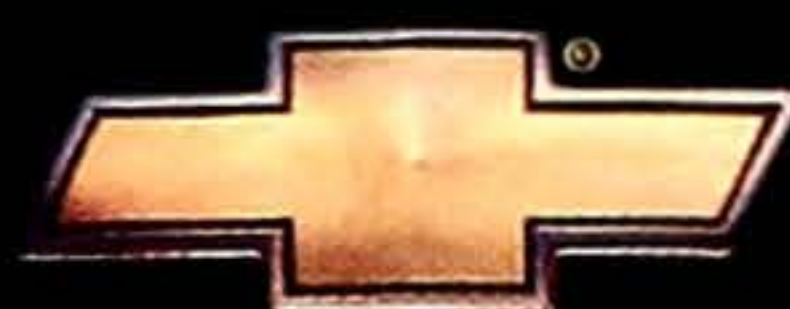
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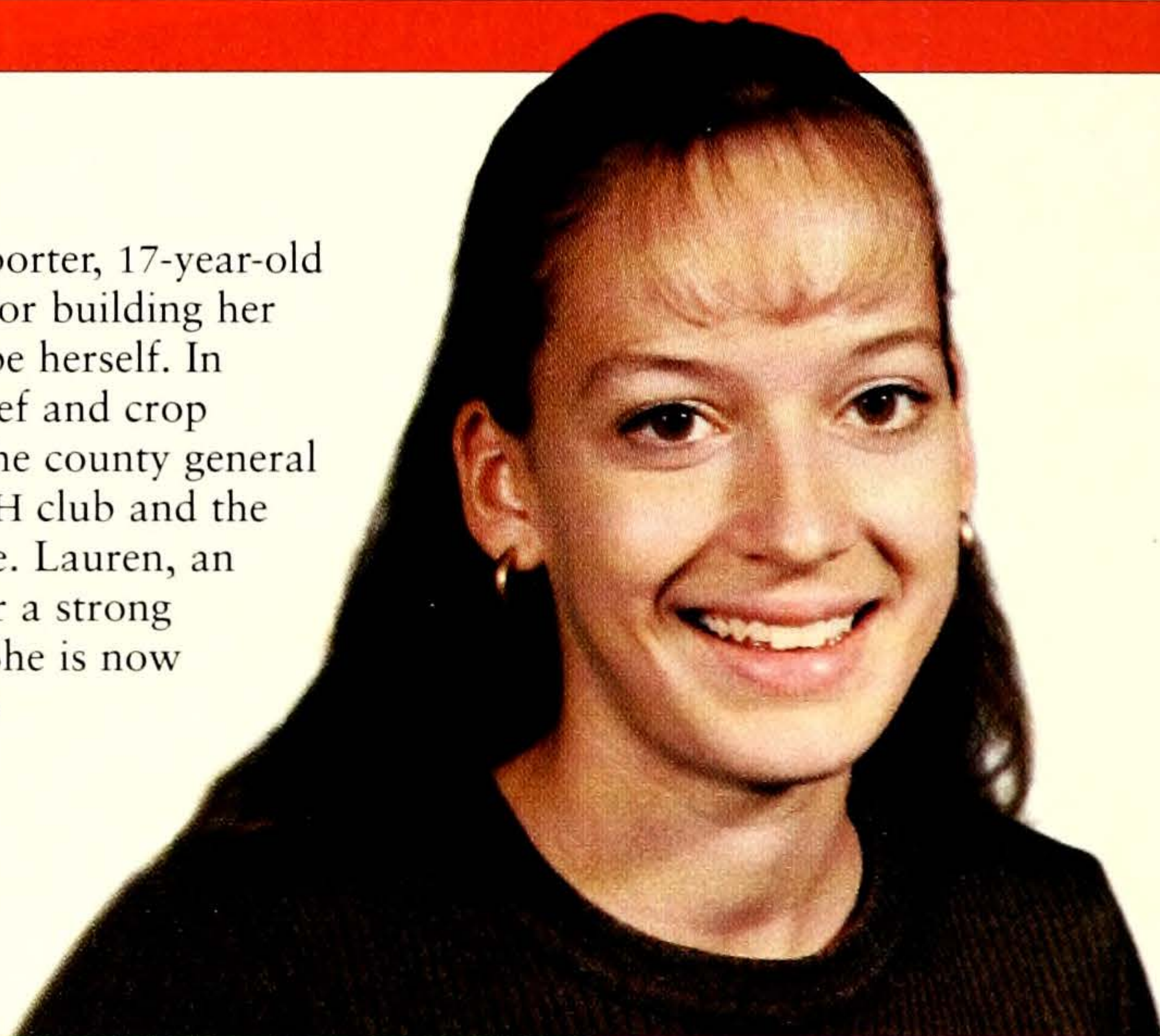
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Mail to:

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Lauren Gibson

As Western Brown FFA Chapter reporter, 17-year-old Lauren credits her FFA experience for building her character and enabling her to just be herself. In addition to an SAE that involves beef and crop production, Lauren is active with the county general livestock judging team, her local 4-H club and the county fair livestock sale committee. Lauren, an honor roll student, has put together a strong academic showing in high school. She is now working on her state FFA degree. ★

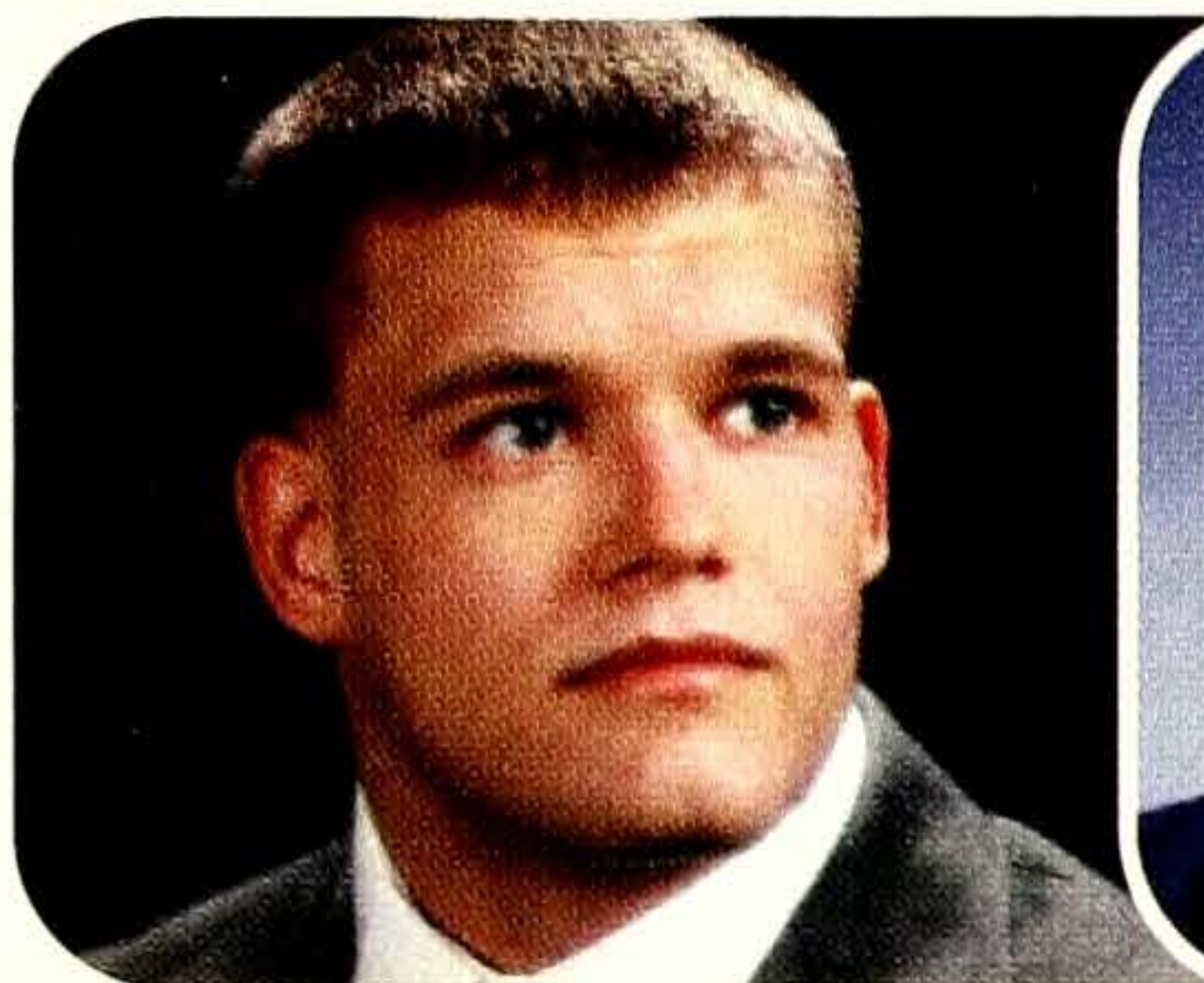


KENTUCKY

ARIZONA

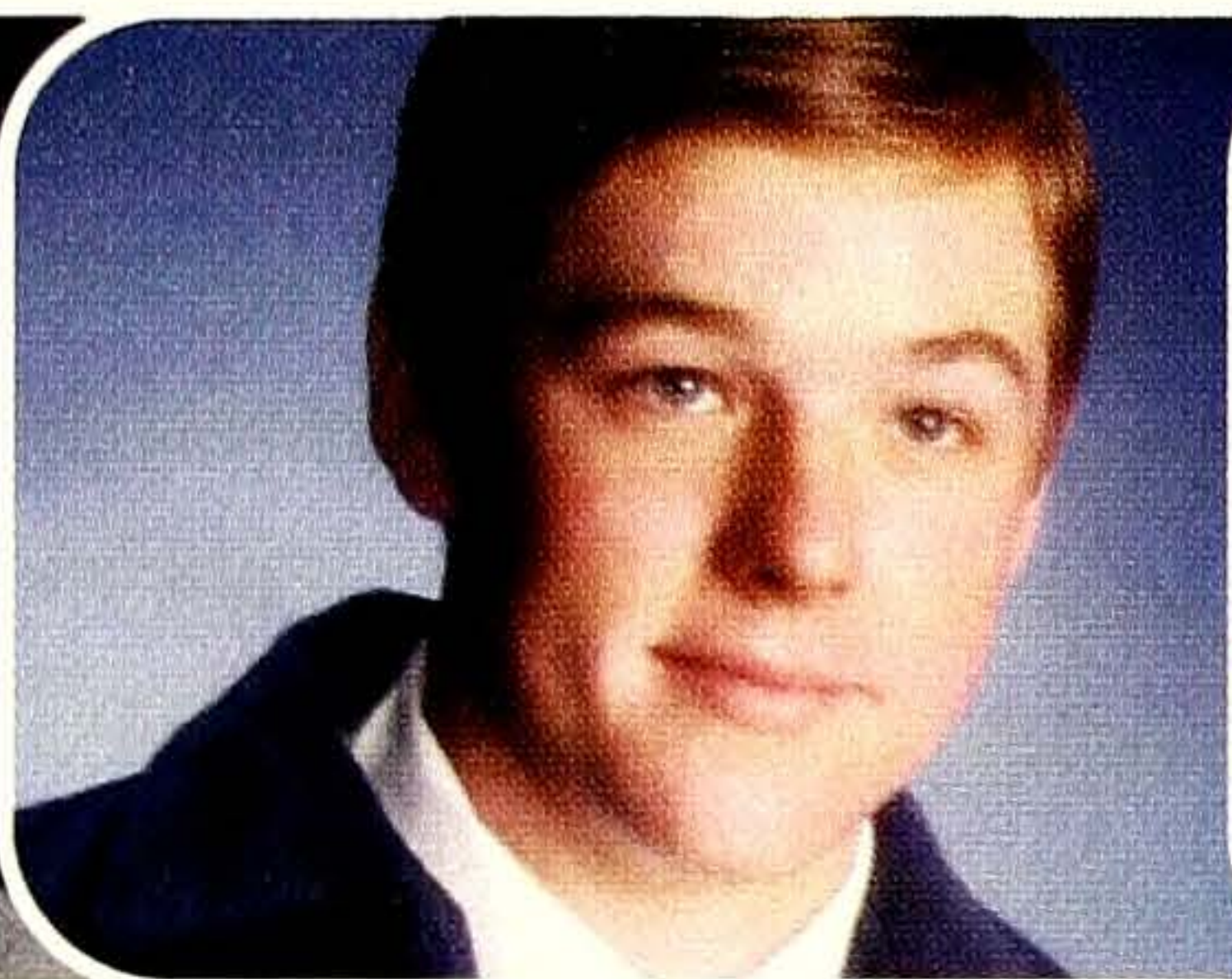
PENNSYLVANIA

ARKANSAS



Jason Detre

A two-time state wrestling champion at 189 pounds, 18-year-old Jason knows that discipline is a key to success. This LaRue County FFA Chapter member finished high school this spring with honors and a 4.0 GPA. In FFA, Jason served as chapter and regional secretary and had SAE projects involving Beefalo cattle, blueberries and small animal care. His many accomplishments earned him a ticket to the prestigious West Point Military Academy, where he's a first year cadet. ★



Brandon Leister

Brandon, an 18-year-old Buckeye FFA Chapter member, started showing cattle at the age of eight. Now, as a first year student at Estrella Mountain Community College with 30 cows of his own, he has his mind set on becoming a farmer. Brandon served as FFA chapter vice president and represented his chapter in ag mechanics and livestock judging competitions. He was recently named high point individual and high point team in livestock judging at the Arizona National Stock Show. ★



Lacey Zakostelecky

Lacey recently finished her reign as Crawford County Dairy Princess, a role in which she traveled over 7,000 miles and conducted 350 dairy promotions. This 17-year-old Conneaut Valley FFA Chapter vice president is also an honor student, leader of a church youth group, president of the local 4-H club, and a member of multiple school clubs and teams. Lacey also works for a local dairy farmer as a relief milker for a herd of 95 cows. ★



Cale Emmett

Fourteen-year-old Cale, a member of the Jasper FFA Chapter, is rapidly roping in rodeo awards. In 1998, the Ozark Junior Rodeo Association named him all-around champion cowboy, calf roping champion, breakaway roping champion and reserve champion in team and ribbon roping. Cale also received the sportsmanship award and was re-elected as student director. Cale's father, who is also his FFA advisor, competes in steer wrestling and team roping as a Professional Rodeo Cowboys Association member. ★

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one on one with José Santiago

How is your native land of Puerto Rico different from Nebraska, where you spent your first semester of college?

The weather is the first thing—Nebraska winters are much colder. On a personal level, I found that it's much easier to communicate and be comfortable in Puerto Rico, where everyone speaks Spanish. Puerto Rico is very small, so everybody knows everyone very well. In Nebraska, I had to start over and make new friends.

Was it difficult making new friends?

It wasn't, actually. My best friend, Phil Erdman, whom I met at a state FFA presidents' conference in Washington D.C., goes to school there, so we roomed together. It was amazing to see that I was the only one from Puerto Rico in the entire dorm, but I was glad to see that people were interested in talking to me and learning about my culture.

What do you do in your spare time?

I swim competitively. I have participated with the Olympic swimming team in Puerto Rico and placed second in the 100-meter breaststroke event at the 1995 World Games in

Japan. When I'm training, I have to wake up at five in the morning and go to the swimming pool, and then I run five miles a day.

Now that you've met with FFA members all over the country, what do you see as a common thread that unites them?

It's that they are FFA members. Regardless of where they are from, what color they are, or what language they speak, they all belong to the FFA and are striving in life to make the world a better place to live. They have told me that the FFA is giving them hope for their futures and hope for themselves. We're reaching people in rural areas and in urban areas and everywhere in this great nation. That's really exciting for America.

Who are your role models?

I have so many role models. I would say my role models are people who inspire me, who are positive, who follow God's purposes and the values that I have—faith, love and sincerity. I call them role models because I look on them as giants, and I am a little person who is looking at them because I want to learn how they reach success. And, more importantly, I look to people who are real. ★

VITALS

Hometown:

Camuy, Puerto Rico

Age: 20

Chapter: Piedra Gorda FFA

Advisor: Luis Cardona

SAE: Diversified livestock production, agricultural communications, fruit and vegetable production

Education: College freshman

Major: Agricultural education

Last good movie:

Austin Powers

Last good book: Becoming a Person of Influence by Matt Maxwell

Favorite musician:

Ricky Martin

My favorite food: Arroz con abichuela (rice and beans)

TIMELINE

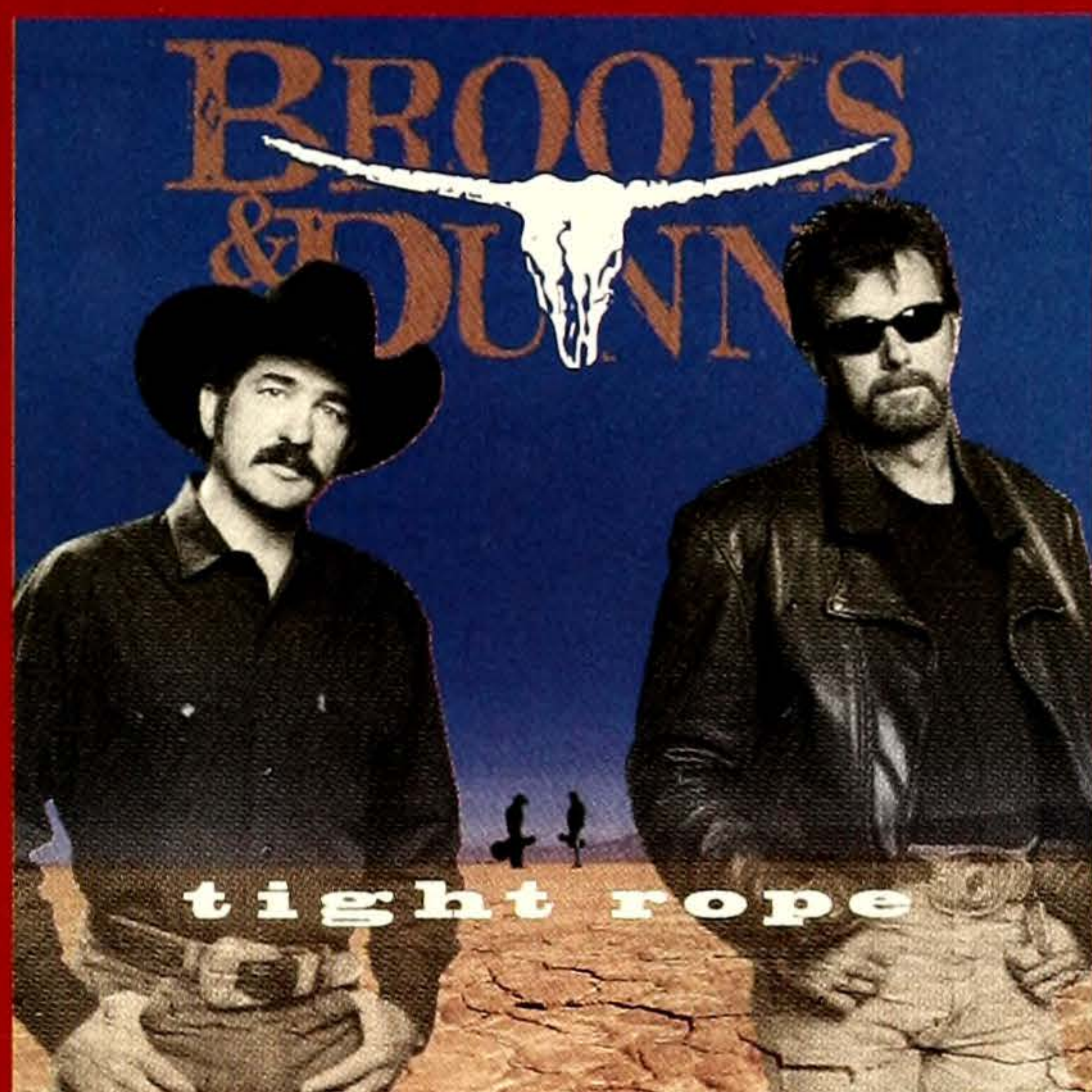
Age

- 13**
 - joined FFA
 - lost regional FFA public speaking competition
 - attended first state FFA conference
- 15**
 - elected FFA chapter treasurer
 - won state FFA prepared public speaking competition
 - lost bid for regional FFA office
- 16**
 - elected regional FFA vice president
 - won FFA extemporaneous public speaking competition
- 17**
 - lost bid for state FFA office
 - made the Puerto Rico Olympic swimming team
 - elected state FFA vice president
 - competed at the World Games in Japan
- 18**
 - elected state FFA president
- 20**
 - elected national FFA officer





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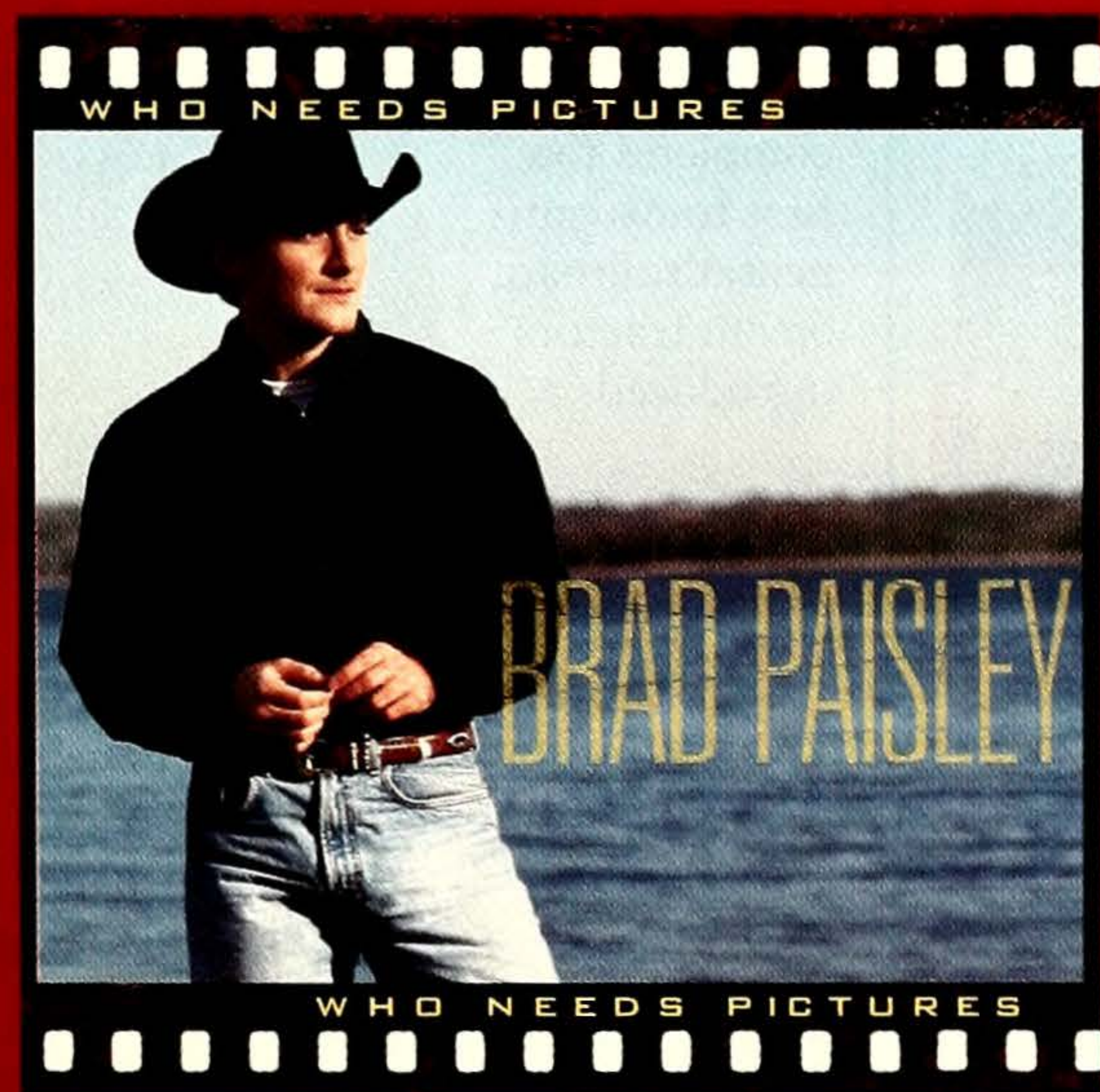
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You can't truly know where you're going unless you know where you have been. With that in mind, here are some key dates in American agricultural history

5000 B.C.

Native Americans, the first known farmers in the Western Hemisphere and North America, start farming in the continental United States region.

2000 B.C.

Native American agricultural practices include the domestication of such plants as squash, sumpweed, sunflower and chenopod.

A.D. 1000

Native Americans develop sophisticated farming techniques involving land clearing, development of crop varieties and irrigation. Corn becomes the most important crop.

1500s

Spanish cattle introduced into the Southwest.

1600s

In colonial areas of the East, successful corn crops are the key to success for many frontier farmers. Tobacco is successfully grown and quickly becomes first important export crop.



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1790

The first U.S. patent, issued on July 31, is for a potash fertilizer developed by Samuel Hopkins of Vermont.

1793

Eli Whitney revolutionizes the southern farm economy by inventing the cotton gin, which removed seeds from the cotton.



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1796

The Agricultural Society of South Carolina starts the first agricultural school for youth.

1810

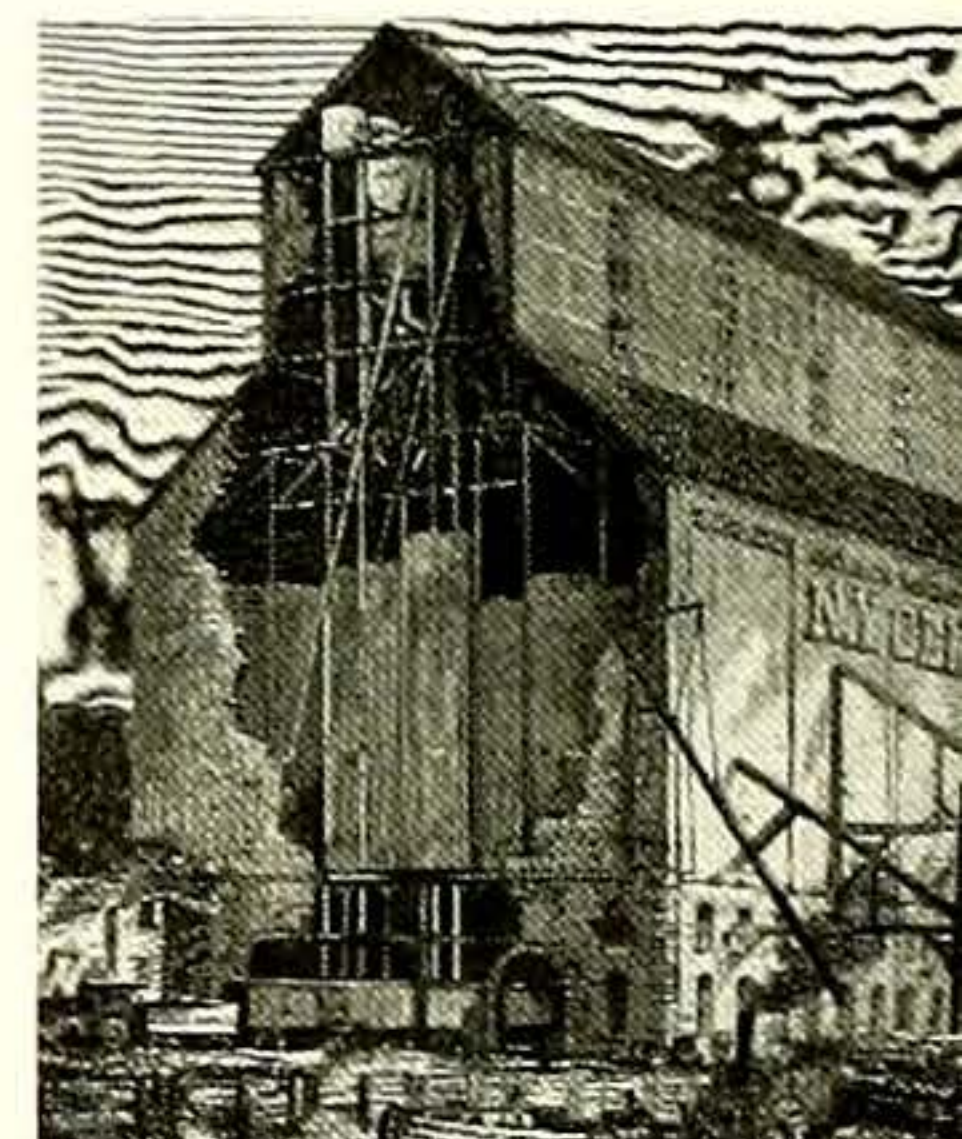
Steamboat becomes important in the western trade of agricultural commodities.

1837

John Deere develops his first steel plow, a device that could easily cut through the tough root system of the Midwest prairie grass.

1842

The first grain elevator is constructed in Buffalo, New York.



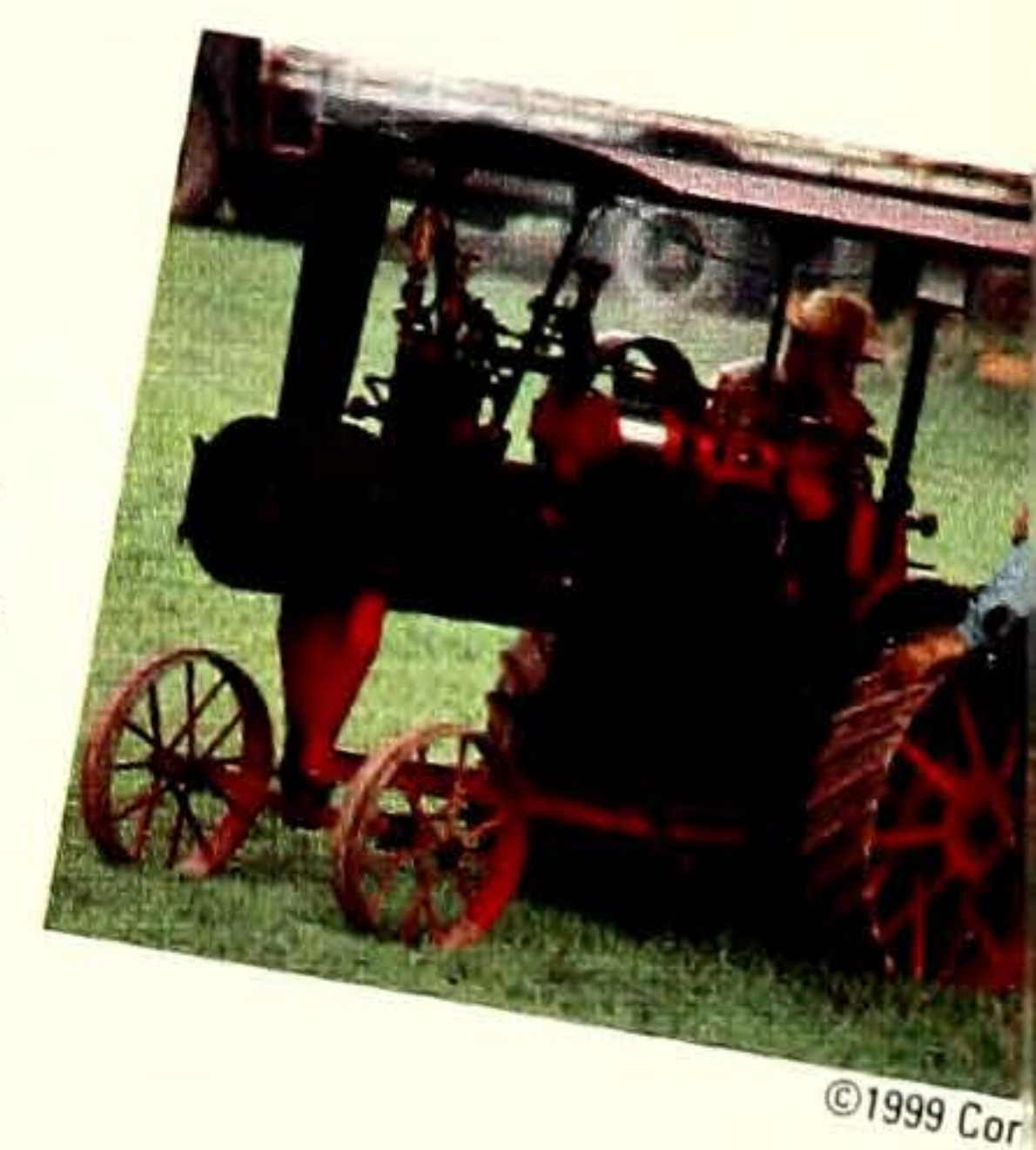
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1862

The Homestead Act provides free land on the Great Plains.

1869

Union Pacific completes the first transcontinental railroad. Steam tractors introduced.



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1871

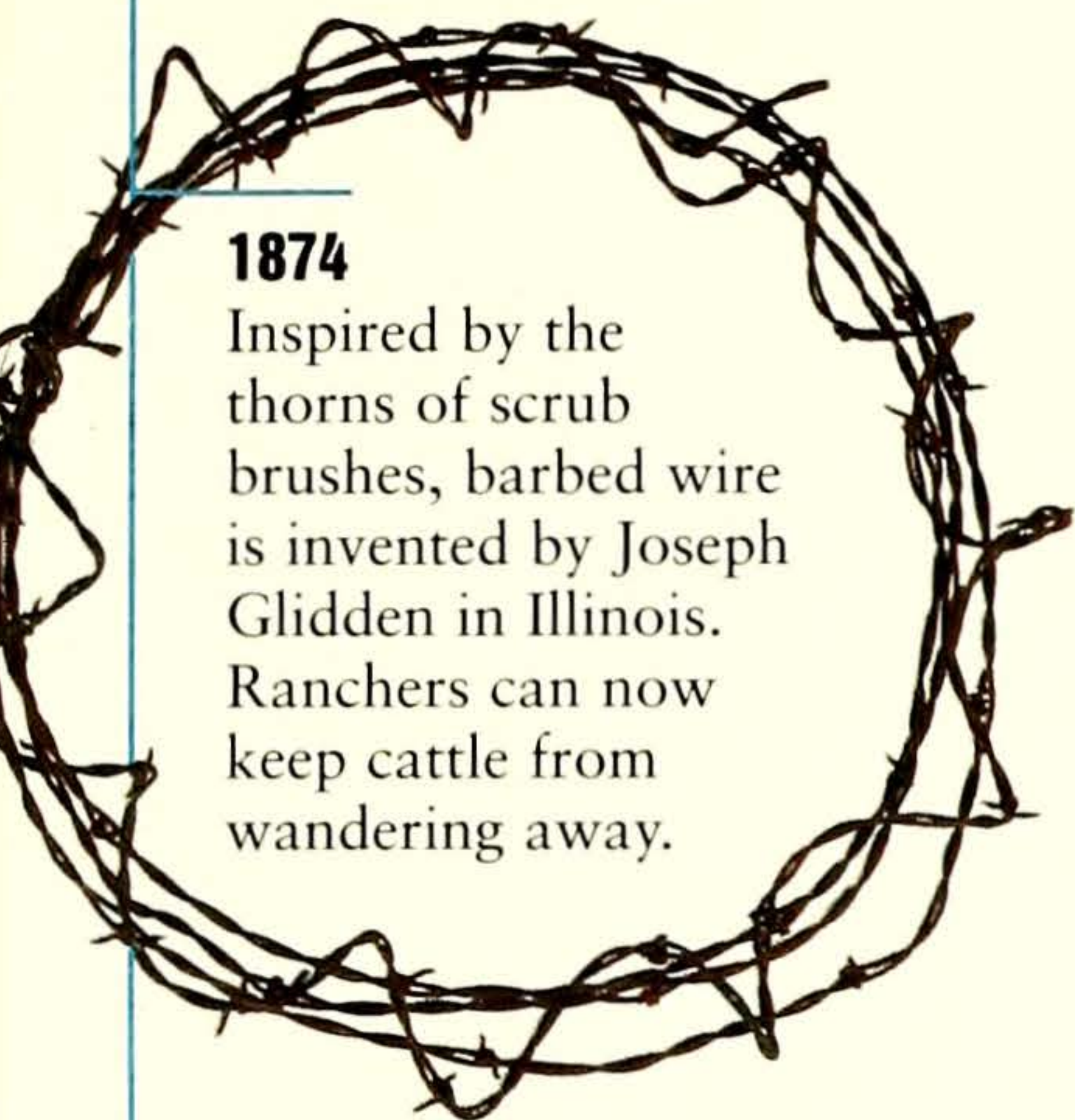
Luther Burbank begins developing hybrid plants.



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1874

Inspired by the thorns of scrub brushes, barbed wire is invented by Joseph Glidden in Illinois. Ranchers can now keep cattle from wandering away.



1880

Booker T. Washington establishes an agricultural school for African-American youth.



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1892

The first gas-powered tractor rolls out of an Iowa barn, signaling the beginning of the end for work horses and unreliable steam tractors.

1900-10

George Washington Carver helps diversify Southern agriculture by finding new uses for the peanut, sweet potato and soybean.



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1910-15

Gas-powered tractors come into wider use.

1917

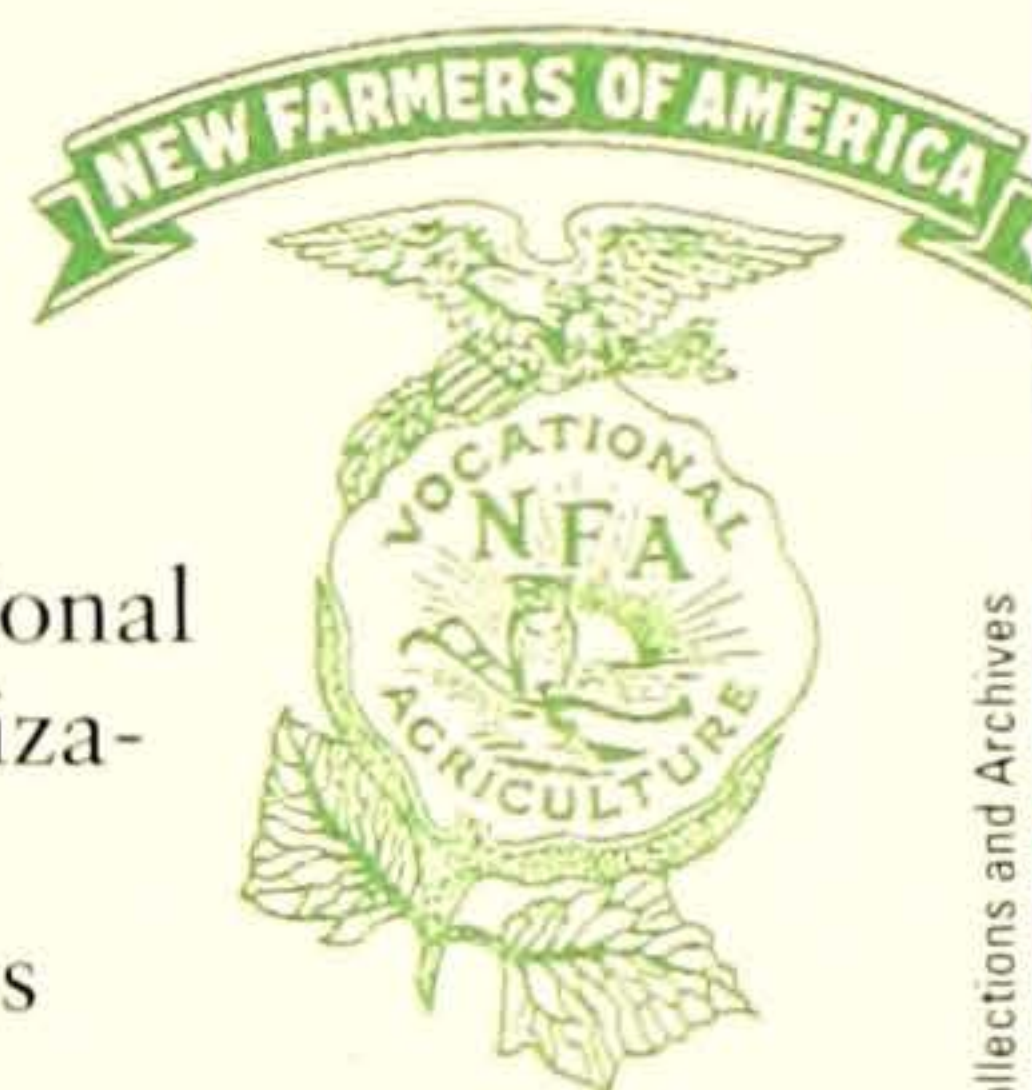
The Smith-Hughes Act, sponsored by Senators Hoke Smith and Dudley Hughes of Georgia, opens the doors for the creation of FFA.

1920

Only three percent of American farmers own tractors—the rest still use horses.

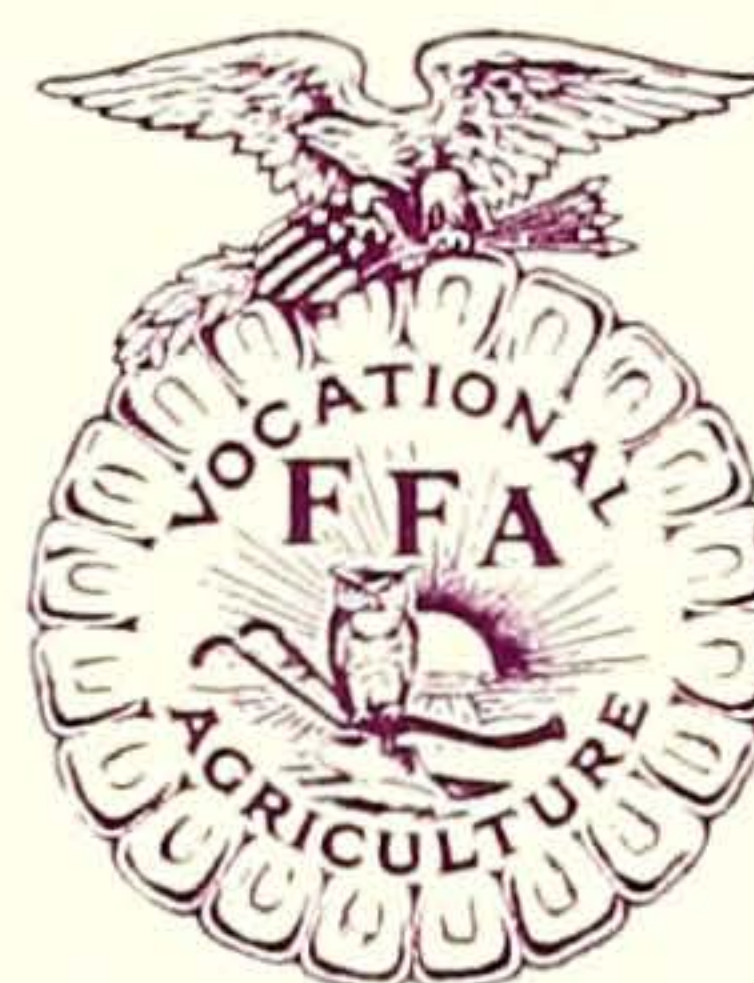
1926-27

New Farmers of America, a vocational agriculture organization for African-American students is founded.



1928

Future Farmers of America is founded.



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1930-35

Use of hybrid corn becomes common in the Corn Belt areas of the Midwest.

1932

Farm prices and income reach Depression bottom

1940

Twenty-three percent of American farmers own tractors.

1941-45

Frozen foods become popular.

1954

Number of tractors exceeds the number of farm horses for the first time.

1955

New Farmers of America and Future Farmers of America are combined.

1970

Norman Borlaug, a former FFA chapter president from Iowa, is awarded the Nobel Prize for developing high-yielding wheat varieties that save millions from starvation in third-world nations.



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1970s

No-tillage agriculture popularized.

1990s

Biotechnology emerges as a viable technique for improving crop production.

A timeline of American agricultural history

here

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If you didn't get to Louisville, you can still be part of the excitement by ordering these NASCAR die-cast offerings from Racing Champions/Ertl.

And this is just the beginning. Stay tuned to our web site, www.ffa.org, for more information about a brand new program in fundraising with John Deere for your chapters. But in the meantime, be sure to order these collectibles. Deadline is December 15, 1999. You won't want to miss it. Delivery date March 2000.

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dream job



ILLUSTRATION BY R.J. SHAW

FFA members talk about their dream jobs in agriculture

For some, a job is about collecting a paycheck. For these FFA members, a job is a way fulfilling a dream to make a difference in the world. Learn about their dream jobs in the world of agriculture—in their own words.



Valeska Gebelin

Crane FFA Chapter, Missouri
Crane, Missouri

The agricultural career that I would most like to pursue is an Agridome/Farm Manager. It's a job that doesn't exist yet because it has to do with growing crops on different planets within an environmentally controlled dome. Travel in deep space is in the near future, and I believe that we will someday inhabit other planets. I would love to have this job because growing crops is what I do and love to do. There is a great deal of responsibility, but with all that I have learned from the FFA, I know I can accomplish anything I set my mind to.

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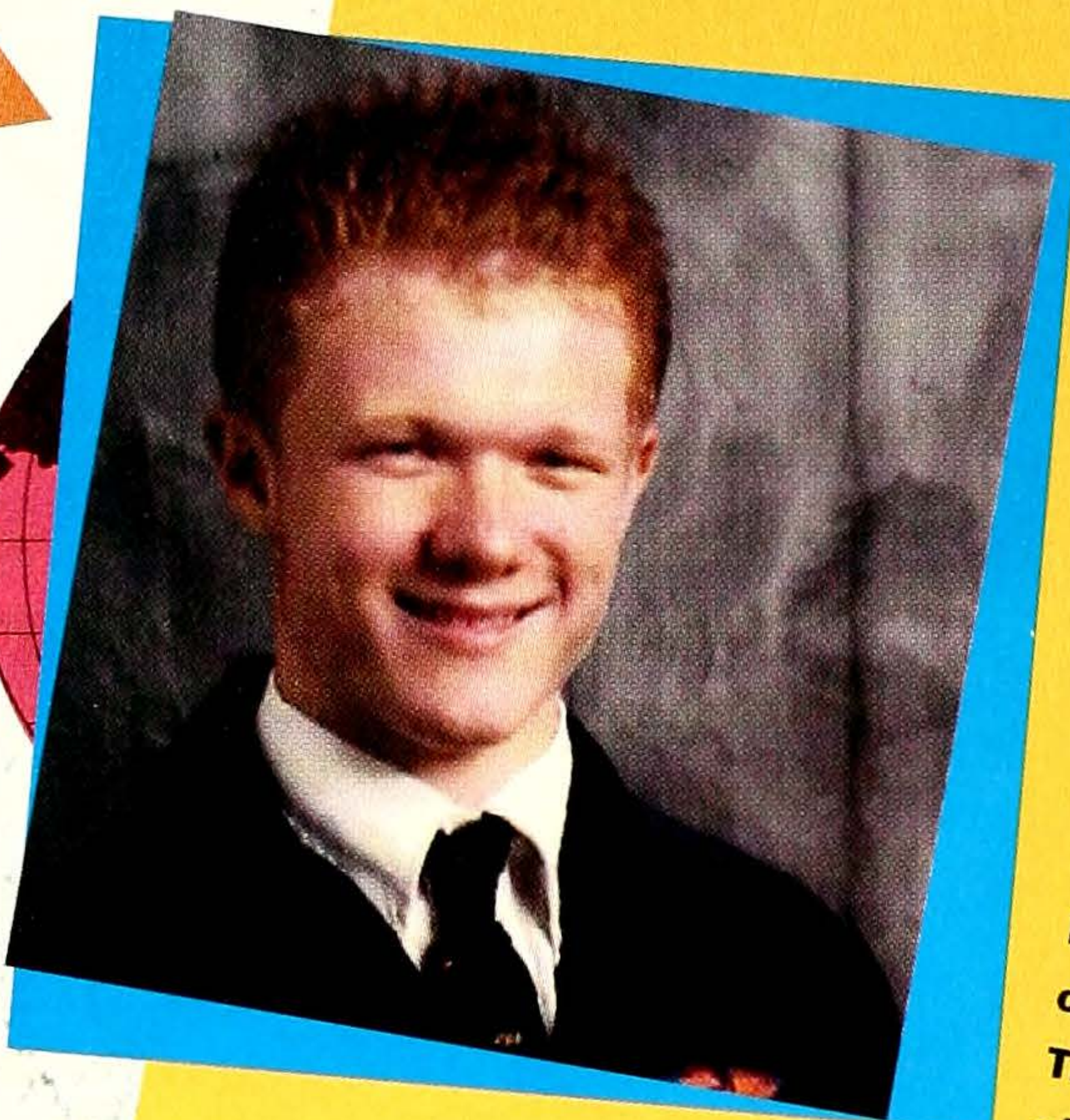
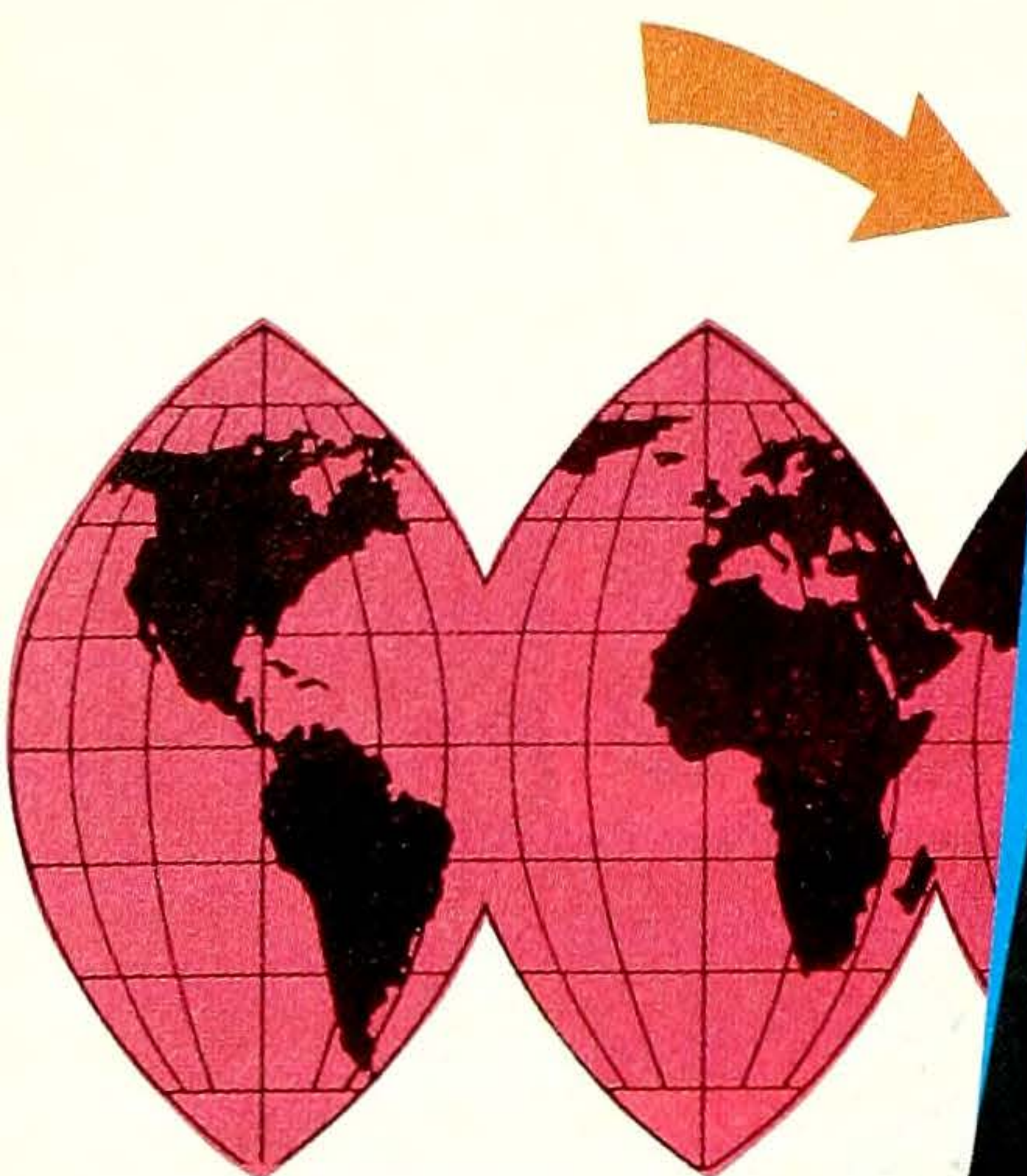
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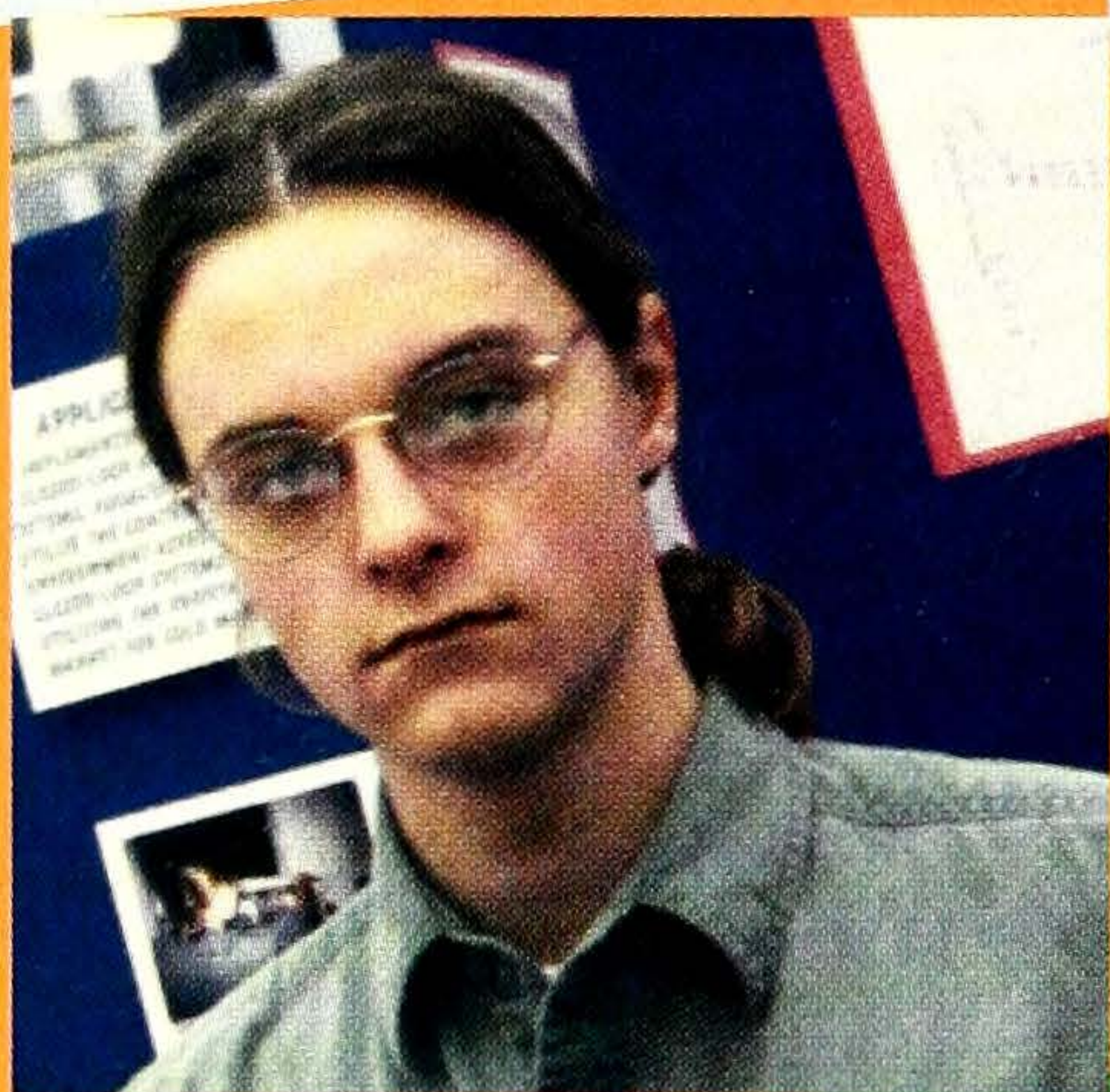
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Justin Wade

**West Carteret FFA Chapter
Morehead City, North Carolina**

If I had to choose one career in agriculture to pursue, international agricultural education would be it. I would leap at the chance to teach people in underdeveloped countries the farming techniques of the 21st century. For someone who loves to travel, learn new languages, and meet a diverse array of people, there's no better occupation. The technological age is creating more of a global community in need of people willing to make our ever-growing knowledge of agriculture available to all.



John Aliucci

**Jefferson FFA Chapter
Charles Town, West Virginia**

For the past four years, I have been working toward my dream job in aquaculture, an ancient practice that started alongside agriculture. The culturing of Carp and Koi in earthen ponds was depicted in ancient Asian scriptures from 2,000 B.C. and some as far back as 8,000 B.C. More and more commercial aquaculture and research operations are popping up all over the world. With this new growth in the industry, there is a strong demand for people with knowledge in engineering, physics, chemistry, biology, zoology, and mathematics. The most rewarding part of aquaculture is that you can work outdoors and indoors. People should be able to do anything their heart desires. This is why aquaculture in my dream job.

Jessica Cotton

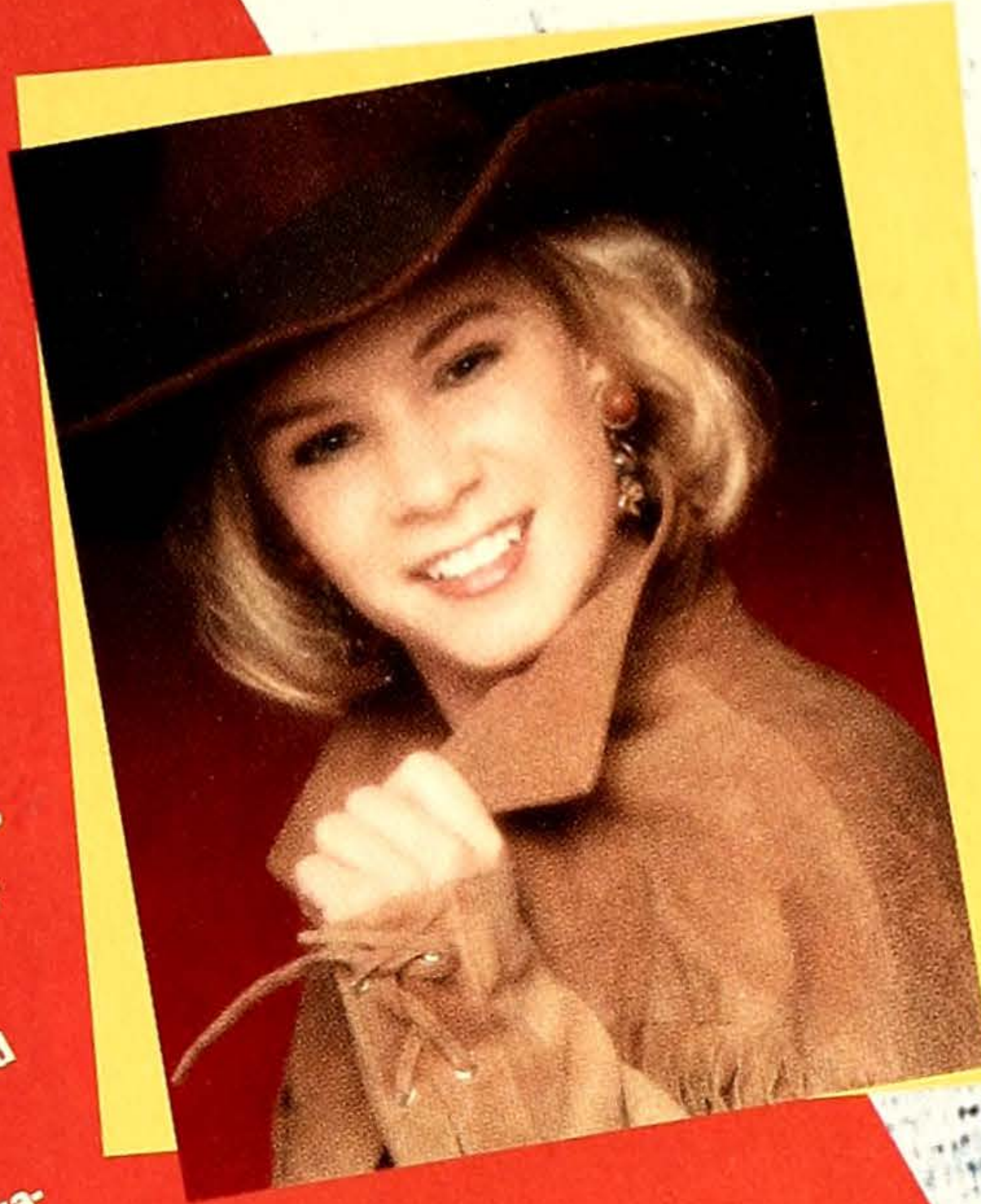
**Hopkins County Central FFA Chapter
Nortonville, Kentucky**

Ever since I can remember, I have always wanted to touch a dolphin and work with them and other animals. So, for that reason, I want to become a marine biologist. When I become a marine biologist, the first place I want to go is the Galapagos Islands. That would be so neat because of some of those prehistoric-era animals. Well, see ya there!



Goubeaux
 Gilles FFA Chapter
 Gilles, Ohio

If I could pick any career in the world, it would be an agriculture public speaker. I would go around to different organizations and speak about the importance of agriculture. I would visit realtors and explain to them that if it wasn't for farmers in the world, no one would have food on their table. I would explain to them that farmers need ground to farm, and the farm ground is becoming less and less available. I would also go around to civic organizations to inform the public about the importance of agriculture in our society and about how agricultural products are so important in our diets.



Theresa "Tess" A. Paul

Colton FFA Chapter
 Uniontown, Washington

My dream job is to be an ag teacher. That is the coolest job! Every day you have the opportunity to meet someone new, change someone's life for the better, and be popular with the most judgmental group on Earth—teens. Every month, week and day I meet someone new and they touch my heart and make me feel special. Most of these people are ag teachers and FFA advisors, like Mr. VanAusdale, Mr. Wilson and Ms. DeVault. These people are my role models and heroes, and someday I want to be like them.



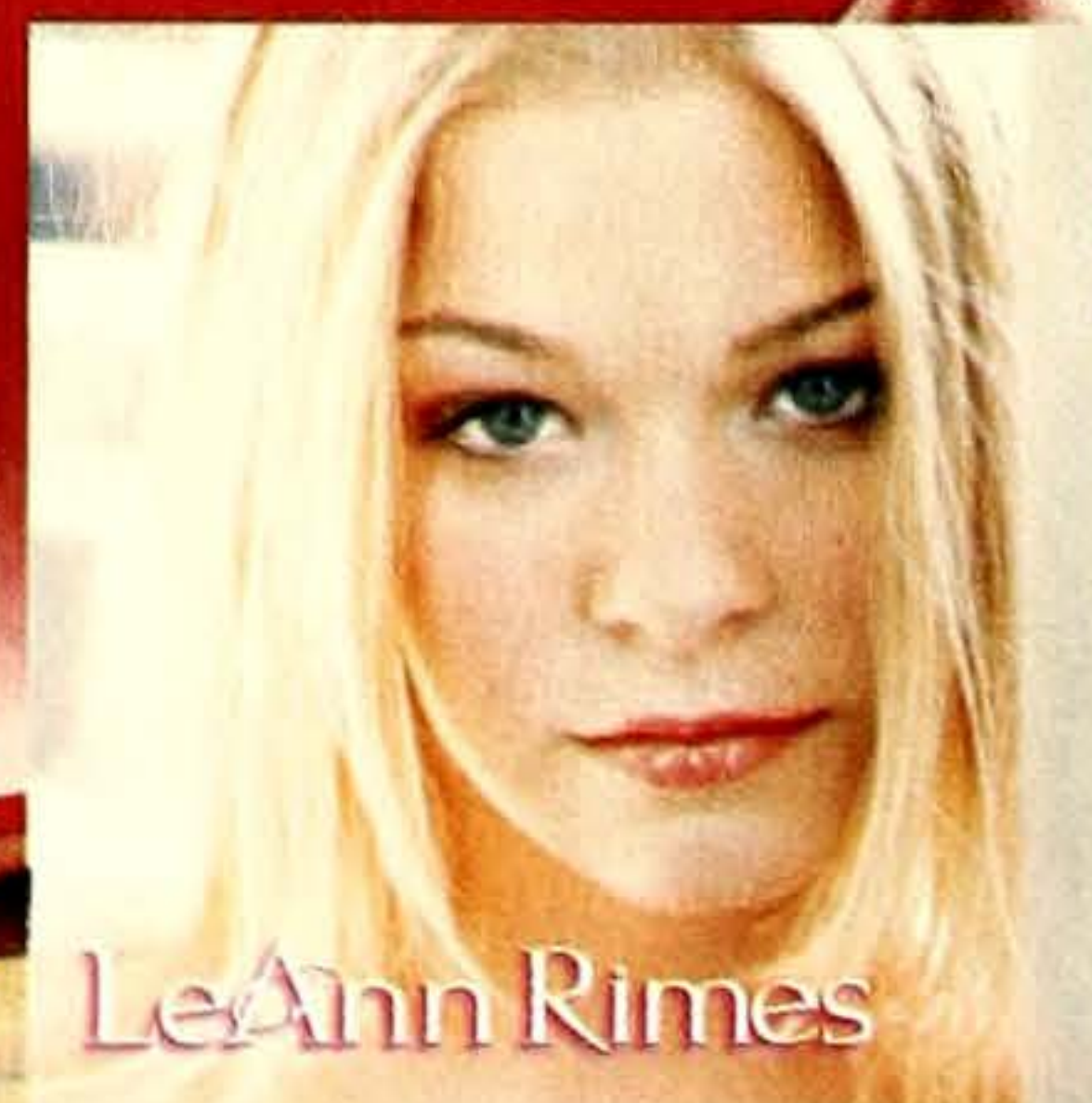
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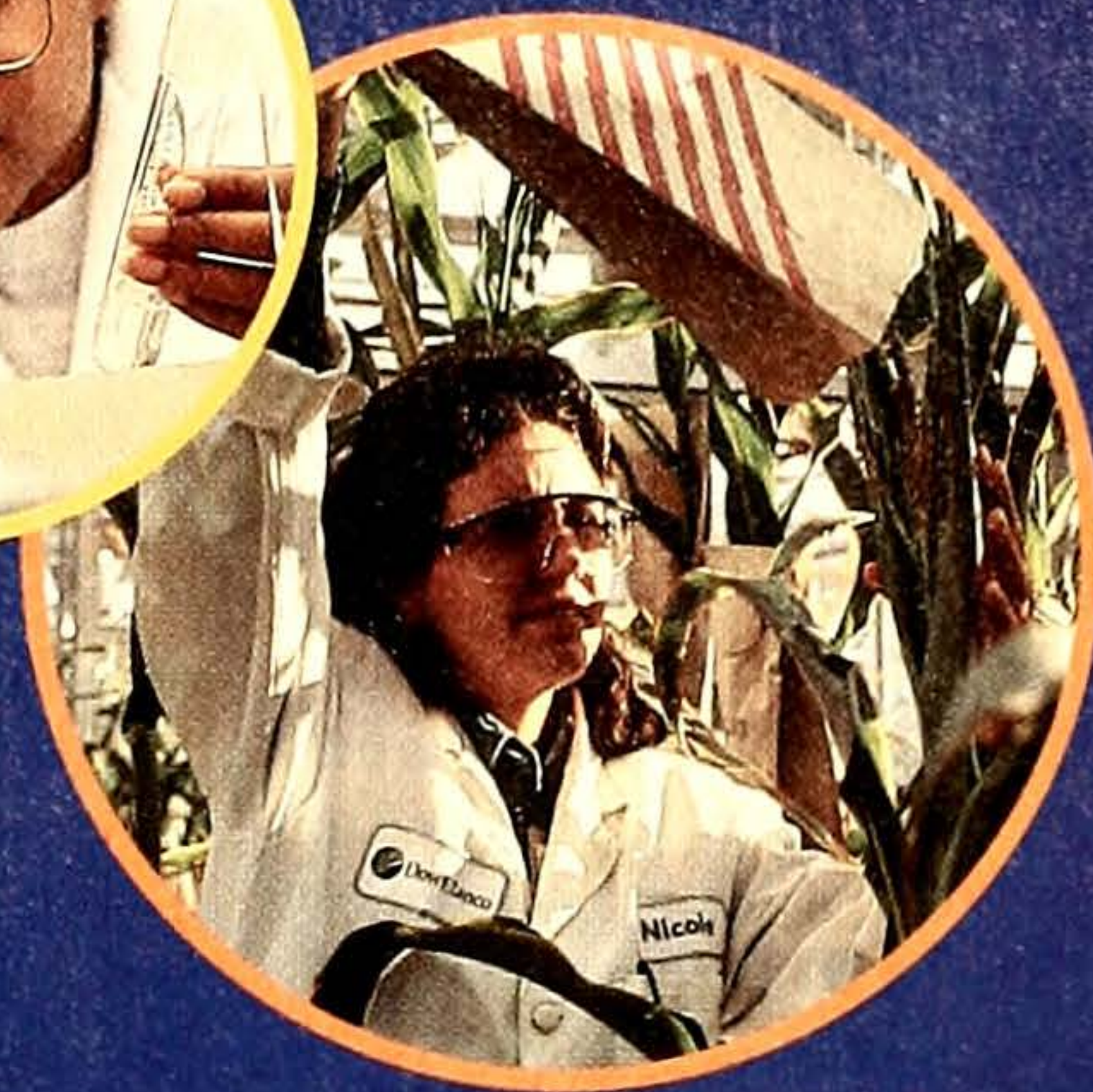
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LeAnn Rimes

he new age of agriculture

Biotechnology emerges as technology of next century



"Biotechnology can give us a quantum leap forward in food security by improving disease and pest resistance, increasing tolerance to environmental stress, raising crop yields and preserving plant and animal diversity."

**Dan Glickman,
U.S. Secretary
of Agriculture**

By Erich Gaukel

Where is agriculture headed in the next 100, or even 1000, years? Nobody knows for sure. We can only make guesses based both on trends in the past and forecasts for the future.

Perhaps the most important thing to think about when pondering the future of agriculture is world population. In 1798, the English economist and mathematician Thomas Malthus predicted that the world population would eventually grow faster than the earth's capacity to feed it.

While his prediction hasn't come true, many world agricultural experts are taking Malthus's prediction seriously because the world's population could reach 10 billion another 50 years.

More with less

So, how do we feed twice as many people when prime agricultural land is being lost to growing cities and erosion? The solution hinges on a term that you may have heard a lot of in the news lately: biotechnology.

Now in its infancy, biotechnology will likely emerge as one of the most important technologies of the next century because the world will be able to grow more food more efficiently on less land.

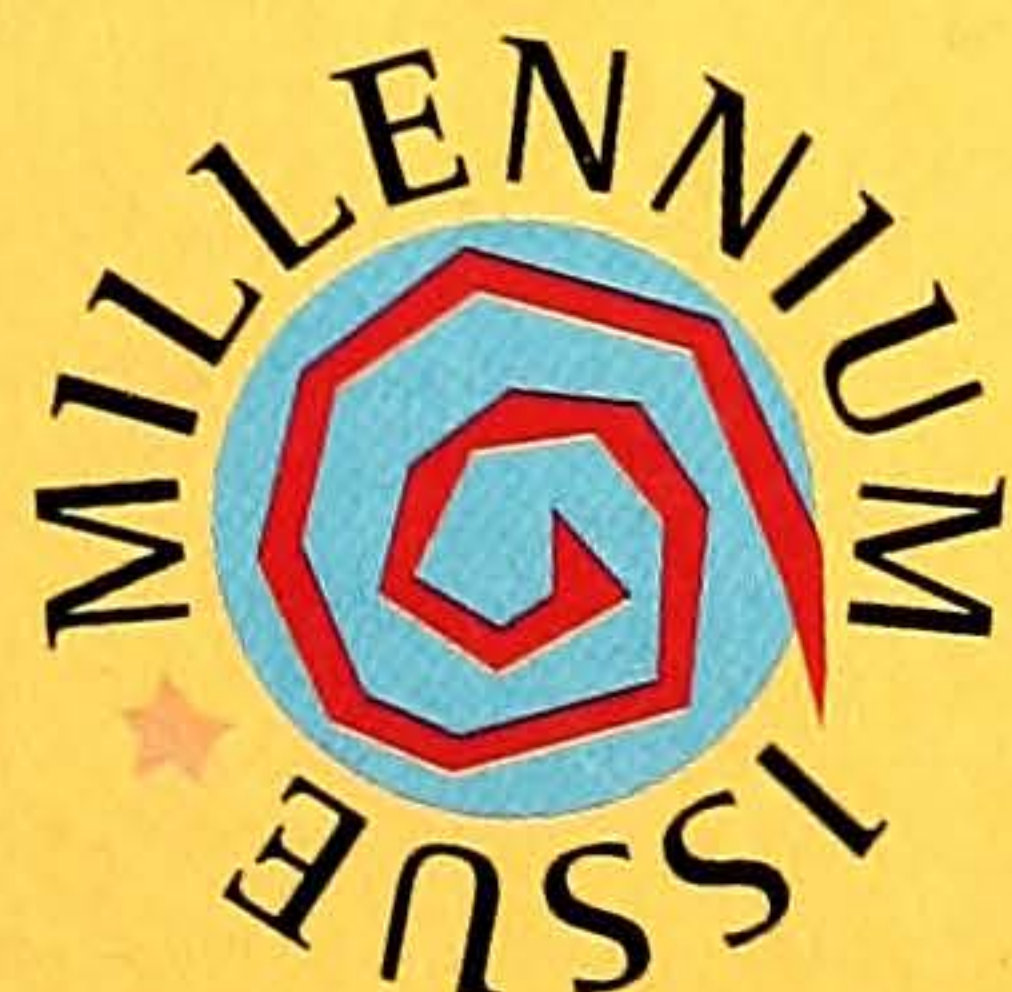
Scientists use biotechnology to transfer desirable genes into crop plants. By doing so, they can design plants with such characteristics as tolerance for herbicides, protection against insects, protection against disease, higher producing

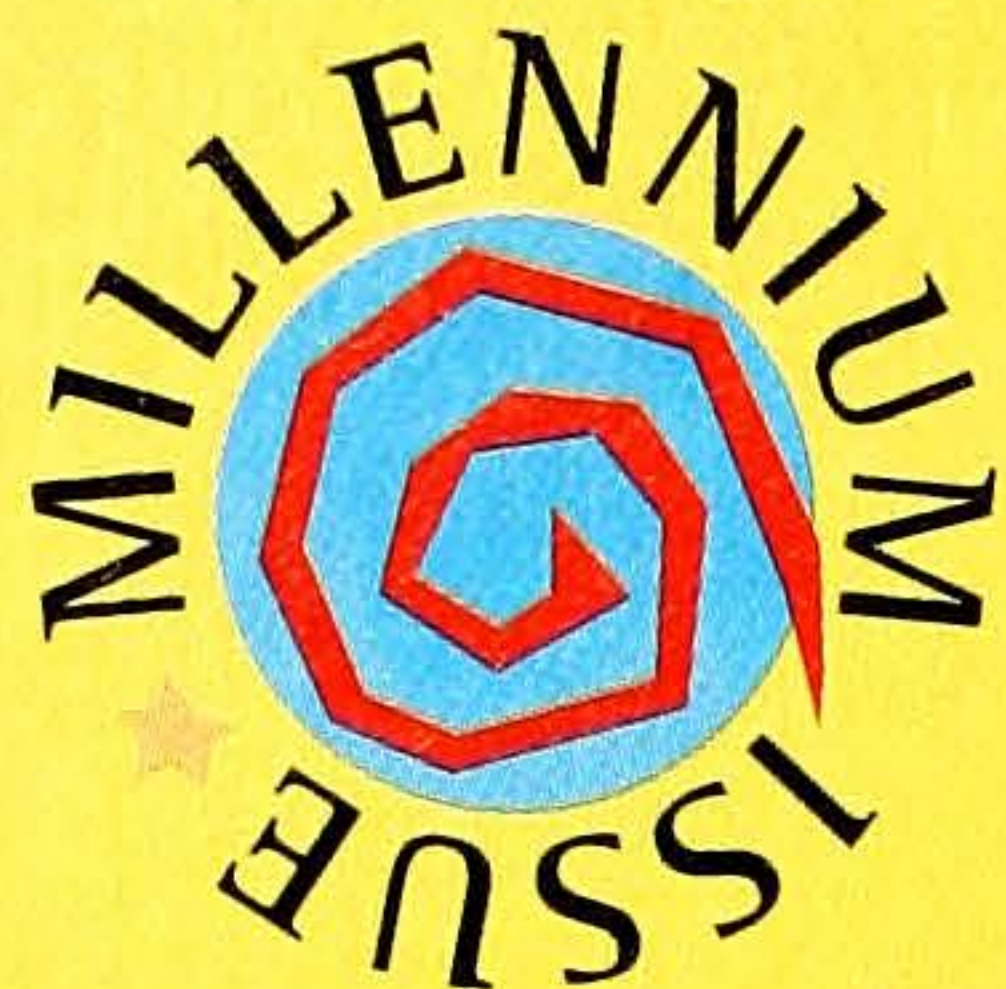
yields and the ability to grow in dry or salty soils.

Merging technologies

Biotechnology cannot be successful without existing technologies, such as advanced plant breeding, integrated pest management, reduced- or no-till practices, precision farming with satellites, and innovative chemical technology.

When used together, these technologies are our best bet for meeting an increasing demand for food and an increasing concern about the environment. Ernest Jaworski, a leading biotechnology researcher with the Monsanto Company, was recently awarded the National Medal of Technology from President Clinton.





"It has been said," he explains, "that the next millennium will be the era of biology. I believe it will lead to solving problems of food security, food quality, environmental stability, life sustainability and the quality of life throughout the world."

Overcoming challenges

A hundred years ago, the agricultural world was about to be revolutionized by the internal combustion engine-powered tractor. Biotechnology

will likely revolutionize tomorrow's agricultural world.

Like the tractor did in its early stages of development, biotechnology is experiencing growing pains, particularly when in terms of implementing the technology and educating the public about it.

Douglas Hurt, a professor of agricultural history at Iowa State University, says there is little question that biotechnology will be needed to feed the world down the road. One downside, he notes, is that it's very expensive for farmers to get started in the new technology. "It's an opportunity for farmers," he says, "but I think biotechnology and the kind of productivity

that it's capable of achieving may make some farmers hard-pressed to keep up."

The speed at which the technology has emerged has also caused alarm in Europe, where there are concerns about the safety of eating foods produced using biotechnology. There is little evidence of safety problems, and the biotechnology companies and the U.S. government are working hard to overcome this negative perception.

Another potential problem has to do with taste. In the past, Hurt points out, "We've had problems selling rice to Asia and wheat to China, simply because people aren't culturally adjusted to certain kinds of foods."

Biotechnology faces some big challenges in the next century, and it's up to tomorrow's leaders in agriculture to come up with the solutions. Those leaders of tomorrow, by the way, are today's FFA members. ★



A special thanks to Dow Agriscience for providing the photographs for this article.

The September/October issue of FFA New Horizons contained an advertisement featuring a pull-out poster of a female country music entertainer. It is clear that the photograph of the entertainer was deemed by some to be offensive and demeaning to women, and we sincerely apologize for the distress this has caused, particularly to our members, educators and parents.

I would like to point out that the National FFA Organization under no circumstances condones any communications—written or pictorial—that is counter productive to promoting ethnic, gender, geographic or religious diversity. Our publications, audiovisuals and events are intended to expand the reach of FFA and agricultural education to include underrepresented groups. It is our goal that the membership of FFA reflects the diverse demographic face of young people across the nation.

In working with the national staff, I am satisfied that the decision to run the advertisement represented an error in judgment rather than disregard of current policies and review procedures. Even so, I am working with our staff and the National FFA Board of Directors to reexamine the editorial and advertising policies of FFA New Horizons to determine if they can be strengthened with regard to our treatment of diversity issues. At a minimum, we will rededicate ourselves to maintaining the high standards of equality and fairness that have been in place for many years. With your support, the National FFA Organization will continue to serve agriculture and future generations of the nation's youth.

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685)

- | | |
|--|--|
| 1. Title of publication: FFA New Horizons | 15. Extent and nature of circulation: |
| 2. Publication number: 1069-806X | Average no. of copies of single issue during preceding 12 months |
| 3. Date of filing: October 30, 1999 | Actual no. of copies of single issue published nearest to filing date |
| 4. Frequency of issue: Bi-Monthly | |
| 5. Number of Issues published annually: 6 | |
| 6. Annual subscription price: \$5.00 | |
| 7. Complete mailing address of known office of publication: National FFA Organization, 6060 FFA Drive, Indianapolis, IN 46268 | A. Total number of copies (net press run) 452,113 503,234 |
| 8. Complete mailing address of the headquarters of general business offices of the publishers: National FFA Organization, 6060 FFA Drive, Indianapolis, IN 46268-0960 | B. Paid and/or requested circulation |
| 9. Full names and complete mailing address of publisher, editor, and managing editor: Publisher, David Doerfert, Natinal FFA Organization, 6060 FFA Drive, Indianapolis, IN 46268-0960; Executive Editors: Erich Gaukel, Farm Progress Companies, 191 S. Gary Ave., Carol Stream, IL 60188-2095; Managing editor, none | 1. Sales through dealers and carriers, street vendors and counter sales 46,474 50,422 |
| 10. Owner: (If owned by a corporation, its name and address must be stated and also immediately there under the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address as well as that of each individual must be given. If the publication is published by a non-profit organization, its name and address must be stated.) The National FFA Organization, 6060 FFA Drive, Indianapolis, IN 46268-0960 | 2. Mail subscriptions (paid and/or requested) 387,093 389,052 |
| | C. Total paid and/or requested circulation (sum of 10B1 and 10B2) 433,567 439,474 |
| | D. Free distribution by mail, carrier or other means, samples, complimentary and other free copies 753 765 |
| | E. Free distribution outside the mail |
| | F. Total free distribution (sum of D and E) 753 765 |
| | G. Total distribution (sum of C and F) 434,320 440,239 |
| | H. Copies not distributed |
| | 1. Office use, left over, unaccounted, spoiled after printing 17,793 62,995 |
| | 2. Return from news agents None None |
| | I. Total (sum of G, H1 and H2) 452,113 503,234 |
| 11. Known bondholders, mortgages, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities: None | Percent paid and/or requested circulation 99.8% 99.8% |
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The rat and the mouse

Ever feel like you need three hands when you're on the computer—two for typing and one for controlling your mouse? Well, help is on the way. Robert J. Thompson, an entrepreneur in Pacific, Missouri, has come up with FootRat, a mouse you control with your foot. Other pedals and software are also available. Available for \$29.95 at www.touchtime.com



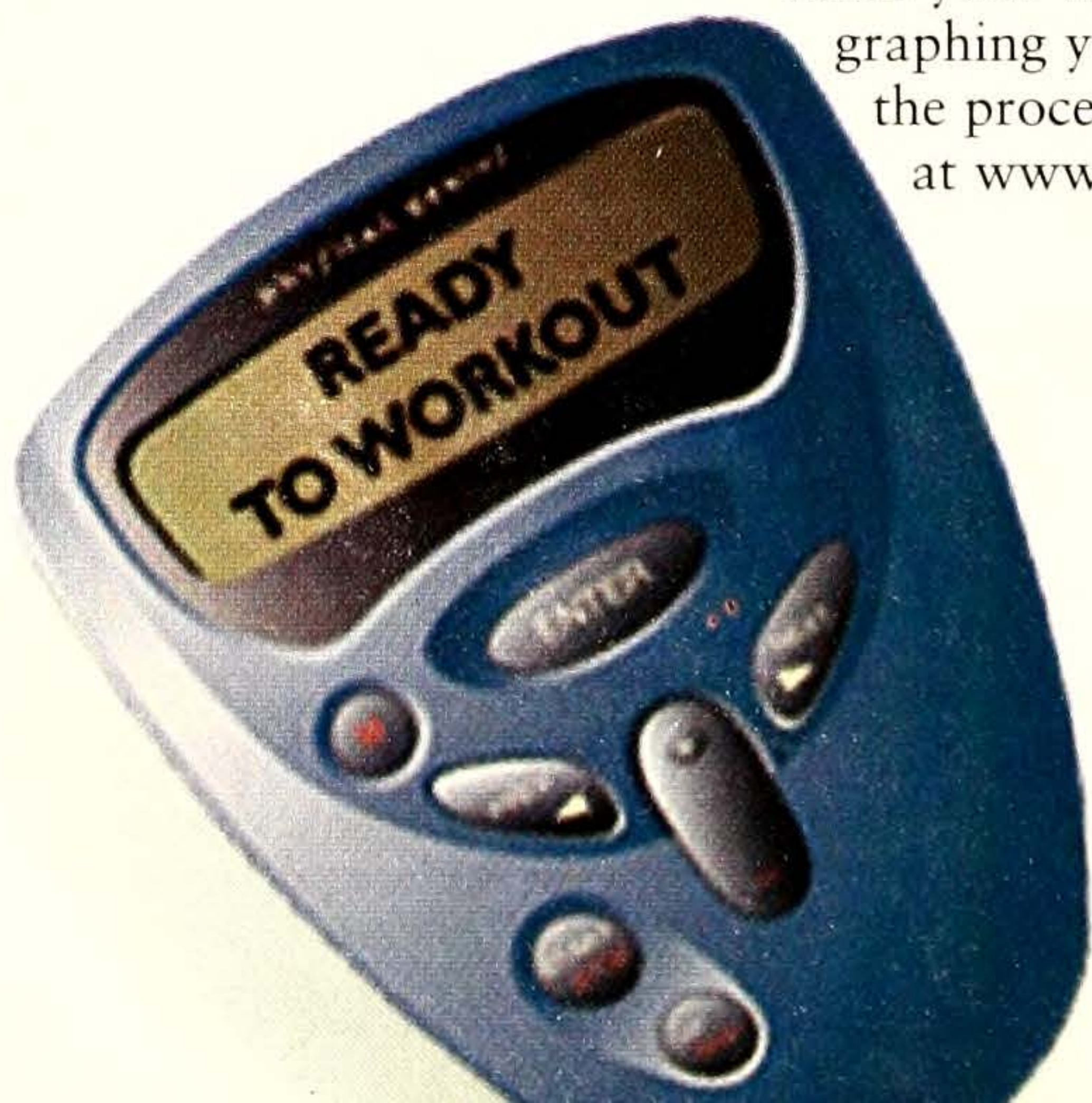
gadgets of tomorrow

Look mom, no hands!

If the Jetsons had a yard, you would have seen this invention already. It's called Robomow, and—you guessed it—it mows your lawn for you. Robomow runs on two 12-volt batteries, enough power to cut to a 9,000 square-foot lawn. All you have to do is set up a special wire around the perimeter of the yard and any obstacles. Robomow does the rest. Mowing will never be the same. Available from friendly machines: www.friendlymachines.com

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Car of the future?

The e.com, a prototype commuter vehicle by Toyota, can run for 60 miles on its nickel-metal-hydride battery pack. Even more interesting is the fact that this vehicle has "regenerative braking," which means that the energy of the wheels turning is captured and used to power the car. The car has not yet been put on the assembly line, but will probably fetch a price of around \$10,000.

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Computers in tangerine or blueberry

Apple computers are making a comeback—and a colorful one at that. The iBook, which just entered the market in September, is making a splash with consumers because of its unconventional colors, its curvilinear design and its ability to make wireless Internet connections. It's also loaded with all the standard hardware, such as a 56K modem, 6-hour battery and 32-MHz processor. Available for around \$1,600.



Mind games

Okay, so you can't find 18 friends for a pick-up game of baseball. You can hold your own game with Virtual Reality World. The slip-on headset has a 3-D display that gives you a full range of vision on the field. The bat, equipped with motion sensors, allows you to swing freely. Other games include golf, boxing, and fishing. Available for \$30 from Manley Toy Quest, 200 5th Ave., New York, NY 10010.

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You never know when you're going to need to tune in for the ballgame or your favorite drama, so check out the Sony FDL-250T Watchman. Unlike most tiny TVs, this one has a built in sun-shade, which makes outdoor viewing easier. It is also equipped with a strapenna, clamshell design, speaker and headphone jack. Log on to www.sony.com for more information.

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Tired of waiting for the weather person to come on the TV or radio. Wait no longer. With the Kestrel 3000 Pocket Weather Meter, it's all in your hands. With a simple stretch of the arm, you can find out the dew point, temperature, relative humidity, wind speed and heat stress index. It's easy to use with just two buttons and easy-to-read display. Available for \$159 from Nielsen-Kellerman (800) 784-4221.



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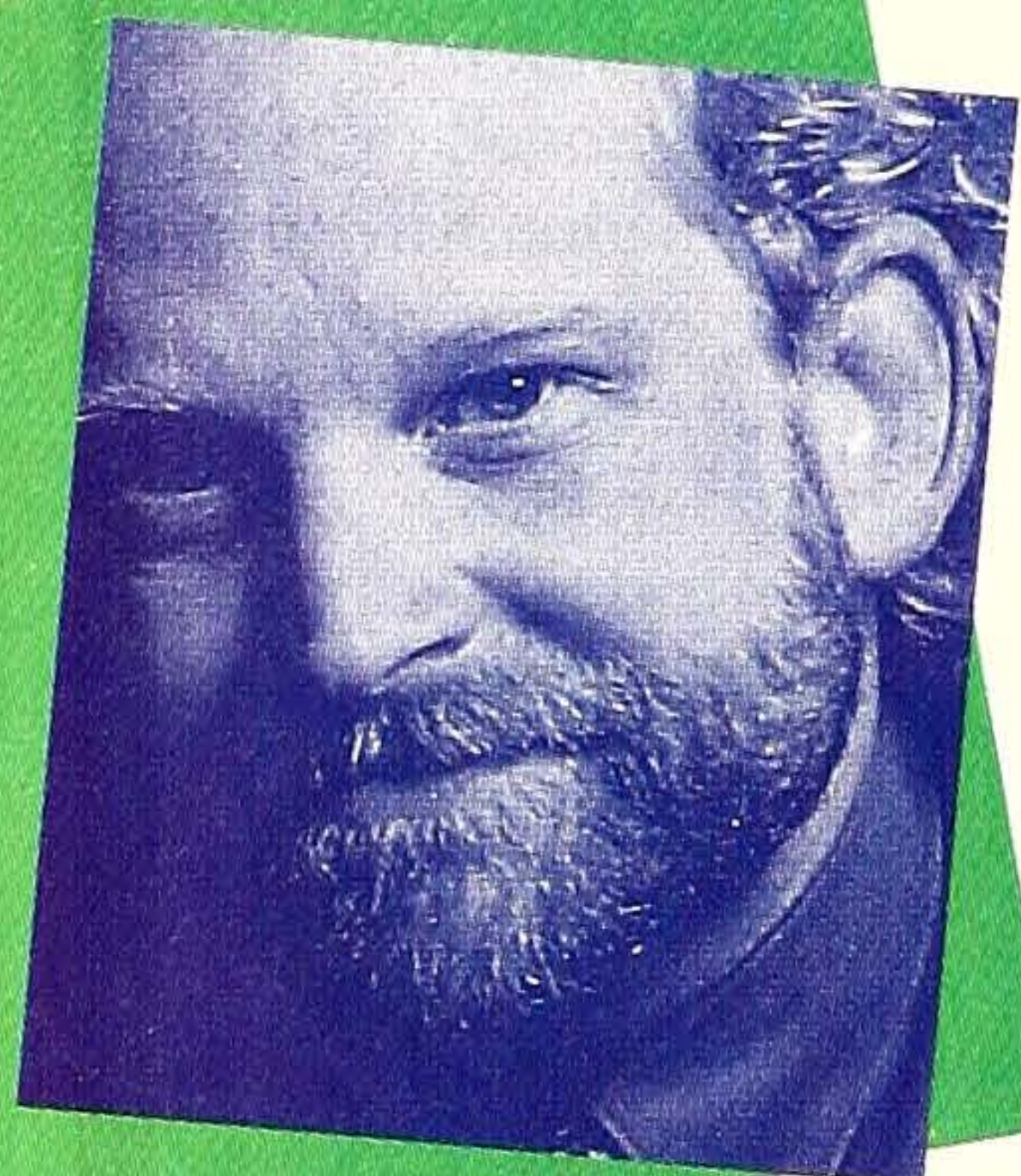
Step into boots designed to work as hard as you do, day in and day out. Step into Ariat Workhorse.

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Tomorrow is history

A look beyond the year 2000 with futurist Watts Wacker



We wanted to get a firsthand look at the future, so we turned to futurist Watts Wacker. While he's never physically traveled to the future, Wacker's mind is already there. As the CEO of FirstMatter, Wacker studies social, economic, political and technological change and applies what he's learned to forecasting the future for such clients as Nike, General Motors, Mattel and Sony, as they prepare to compete in the expanding world markets that await them in the next millennium. We caught up with Wacker on the phone to talk about teens, agriculture and the future.

What does a futurist actually do?

The Oxford dictionary will tell you that a futurist studies the human condition, or what the Germans call the "Zeitgeist." It would also tell you that a futurist studies the dynamics of change or the way change changes. I also think a futurist has to provoke

you and give you some sense of vista, a place from which to look over a wide expanse.

Tell me about your "undercover" observational work and why you do it.

The idea of observational work for futuring is to allow yourself to look at the world from a perspective other than your traditional one. I have bused tables at Taco Bell, made donuts for Krispy Kreme, driven a bus for Avis, and worked as a baggage handler for British Airways. I think it was the Apostle Paul who said that only those who serve can be served.

When the world's odometer hits 2000, what's going to happen?

The story I like most is the one H.G. Wells wrote a hundred years ago. He wrote very eloquently about how people tried to stop time. The derivation of the New Year's celebration that we live with today is from a hundred years ago. People in 1899 thought that the world was going to end at the stroke of midnight on January 1, 1900. So, they had the party to beat all parties, and as soon as they realized the world wasn't going to end, they became much more open to change. So, it was kind of like trying to stop time, and then saying, "Oh, let's get on with it." I think we'll see

the same kind of thing happen in 2000. There will be an incredible uptick to the recognition of how different the world really is, and how differently we need to think about things.

Where is agriculture headed in the future?

Several of the things that we'll be paying attention to will clearly have to do with genetically altered foods being driven through our food supply. Prince Charles once told me he'd never let genetically altered food touch his lips. I said, "You lose." Probably anywhere from 20 to 40 percent of most food has had some—even if it's remote—touching of a genetically engineered experience. With that, I think you'll see much more segmentation when it comes to the classification of foods on the supermarket shelves. I think water is also something that we'll really be paying attention to because we're really only ten years away from 40 percent of world having uninhabitable drinking water.

How will today's young people play a role in the future of agriculture?

Today's teenagers are the generation that will get to renew the vision of the future of agriculture—how it's done and where it's done. It just doesn't make sense to pay people

not to grow, or to pay people to grow things that we really don't want. I think we'll actually see momentum made in the renewal of the vision of how the U.S. Department of Agriculture is going to work in the future—or, for that matter, how the World Agricultural Congress, or whatever it might be called, will work in the future.

How will the information age affect the agricultural industry?

A metaphor I like to use is the Official Airline Guide [the industry standard for airline schedules], which makes more money than all the domestic air carriers combined. This means that the value of the information about a transaction may eclipse the value of the goods or services being transacted. Part of the future for the agricultural industry is not in the food, but in the information about the food.

If you, as a corporation like Beatrice, ConAgra or ADM, are able to help me manage the food information in my personal life, then you can make more money from that than you can from the conventional food chain of growing, producing, distributing and packaging. This concept is based on a company helping you to know more about things you already like.

George Strait

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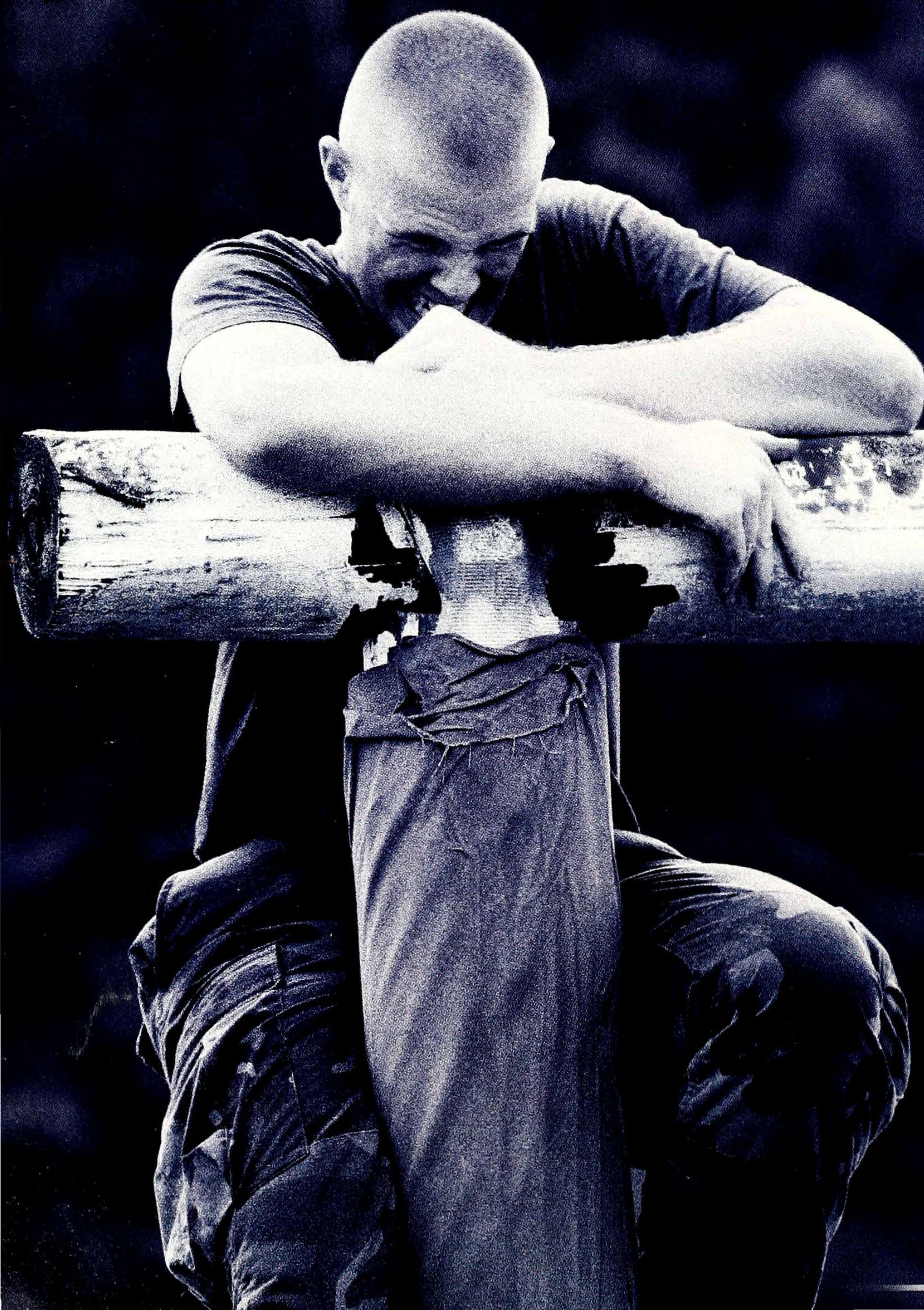
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MILLENNIUM ISSUE

Another analogy is the National Football League. When the networks paid the NFL for broadcast rights, they paid more money than it would have cost them to buy every team in the league. The nature of what constitutes value is moving from markets to intellectual property. So the issue of the intellectual property associated with things that have to do with food will be a huge issue. It's the ability to let someone know which recipes they make most often, and which are the most well

received by their family. That kind of stuff has value that the consumer will pay for.

You once gave a bunch of teenagers cameras to take pictures of their lives. What did those pictures tell you about what makes teens tick?

I learned that this is the first time in history that teenagers have knowledge that their parents wish they had. This is the first time you see adults go to their kids for guidance, advice, knowledge and wisdom. I learned that this role is well deserved. What I also learned is that this role causes great trepidation among teens. One of the reasons that we've seen these manifestations of kids killing kids is that we're asking them to grow up too quickly. If

I was giving advice to kids, I would tell them the same thing I tell my junior in high school—keep playing with those Lego blocks. You have your whole life to grow up.

Do you want to make any predictions?

I'm pretty convinced that my nine-year-old daughter is going to live to be 200. I don't think there's any doubt about it. One of the delicious things about being a futurist is that a lot of the things that people take as science fiction are actually a reality today, they're just not scalable yet. The movie "Total Recall" is already done in the physics. Everything about your life I can capture, chronicle, store and recall. One of the great areas of the

future will be the ability recapture, at any point in time you want, the feeling of internal goodness associated with any food you've ever eaten. You'll literally be able to go to a restaurant and order, based on a concrete cognitive knowledge of which foods make you feel better. I don't think that's more than five years away. ★



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what's not

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what's

Here's what you had to say in our latest What's Hot/What's Not poll. We'll be changing categories soon, so if you would like to recommend any, just write 'em in when you're filling out the survey.

A special thanks to the Santa Rosa FFA Chapter in California for sending in the most surveys this time around.

hot	the matrix	movie	titanic	not
hot	sandra bullock	female actor	pamela anderson lee	not
hot	ben affleck	actor	leonardo dicaprio	not
hot	jerry springer	tv personality	oprah	not
hot	actor	career	fast food worker	not
hot	earth	planet	pluto	not
hot	leonardo da vinci	artist	pablo picasso	not
hot	stephen king	author	r.l. stine	not
hot	pizza	food	spinach	not
hot	pepperoni	pizza topping	anchovies	not



I, Commander Risk, lead FFA members far away from the dastardly deeds of the dangerous Ms. Manage!

National FFA

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Commander Risk advises each of YOU to apply risk management techniques to your supervised agricultural experience (SAE). If you do this, the Commander is prepared to reward your hard work through the National FFA Organization's Risk Management Essay Contest, sponsored by the Risk Management Agency of the U.S. Department of Agriculture.

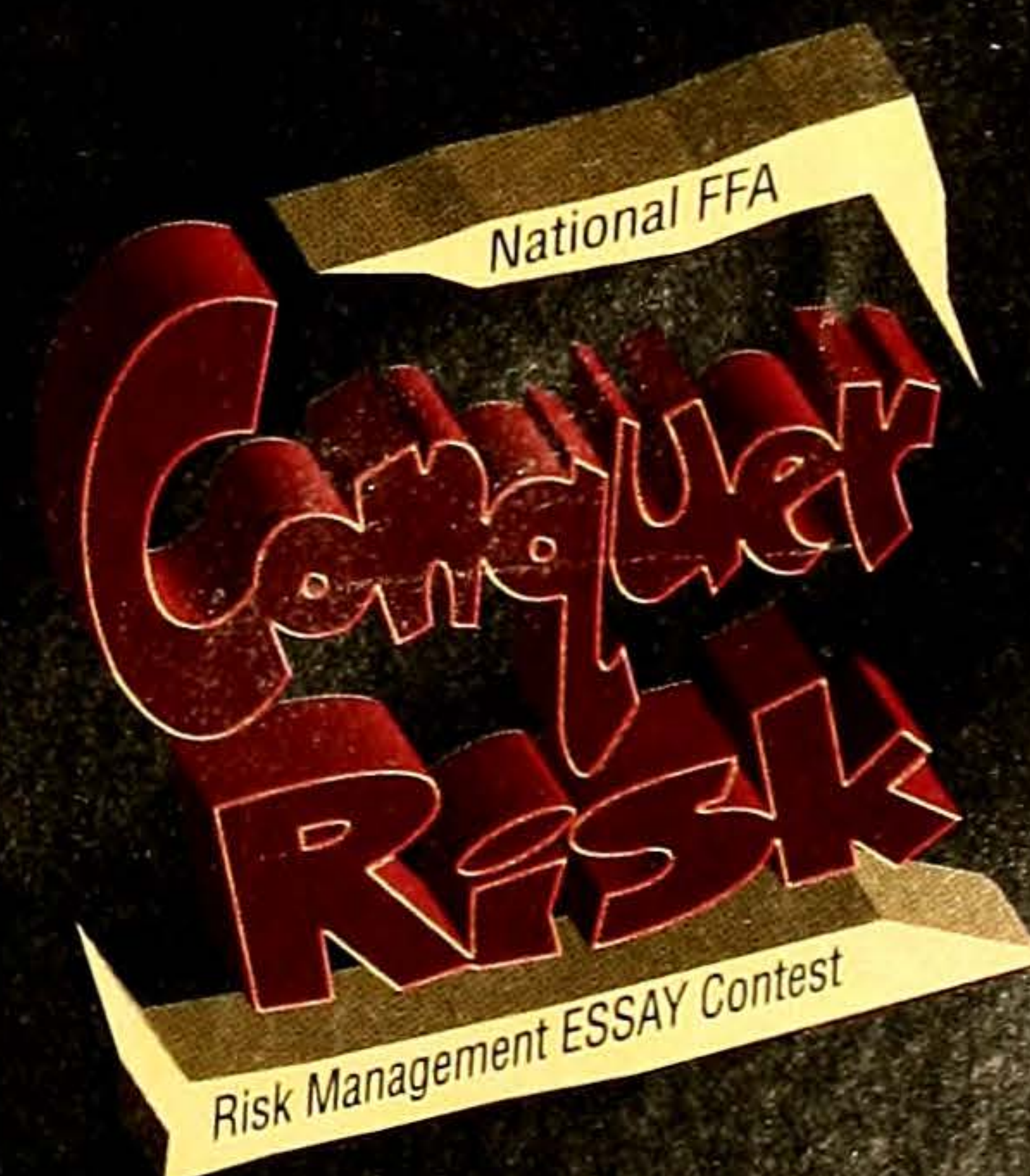
That's right, YOU could win a trip to Washington D.C., How do you do it? Simply write a 500-word essay on **"Risk Management Strategies for your SAE"** and submit it to the National FFA Center. All entries must be postmarked by January 31, 2000.

The Commander will then select 10 lucky winners who will receive an all-expense paid trip to Washington, D.C., for themselves and their advisors. You'll never get a better chance to meet with the top U.S. Department of Agriculture officials and to tour our Nation's capital.

For a resource guide and contest rules, ask your advisor or call the National FFA Organization at 317.802.4252. For more information, check out *National FFA Online* at www.ffa.org.

Enter now! And stay tuned to see Miss Manage meet her match!

This contest is offered by the National FFA Organization in cooperation with the National Council for Agricultural Education and with funding from the Risk Management Agency of the U.S. Department of Agriculture as a special project of the National FFA Foundation.

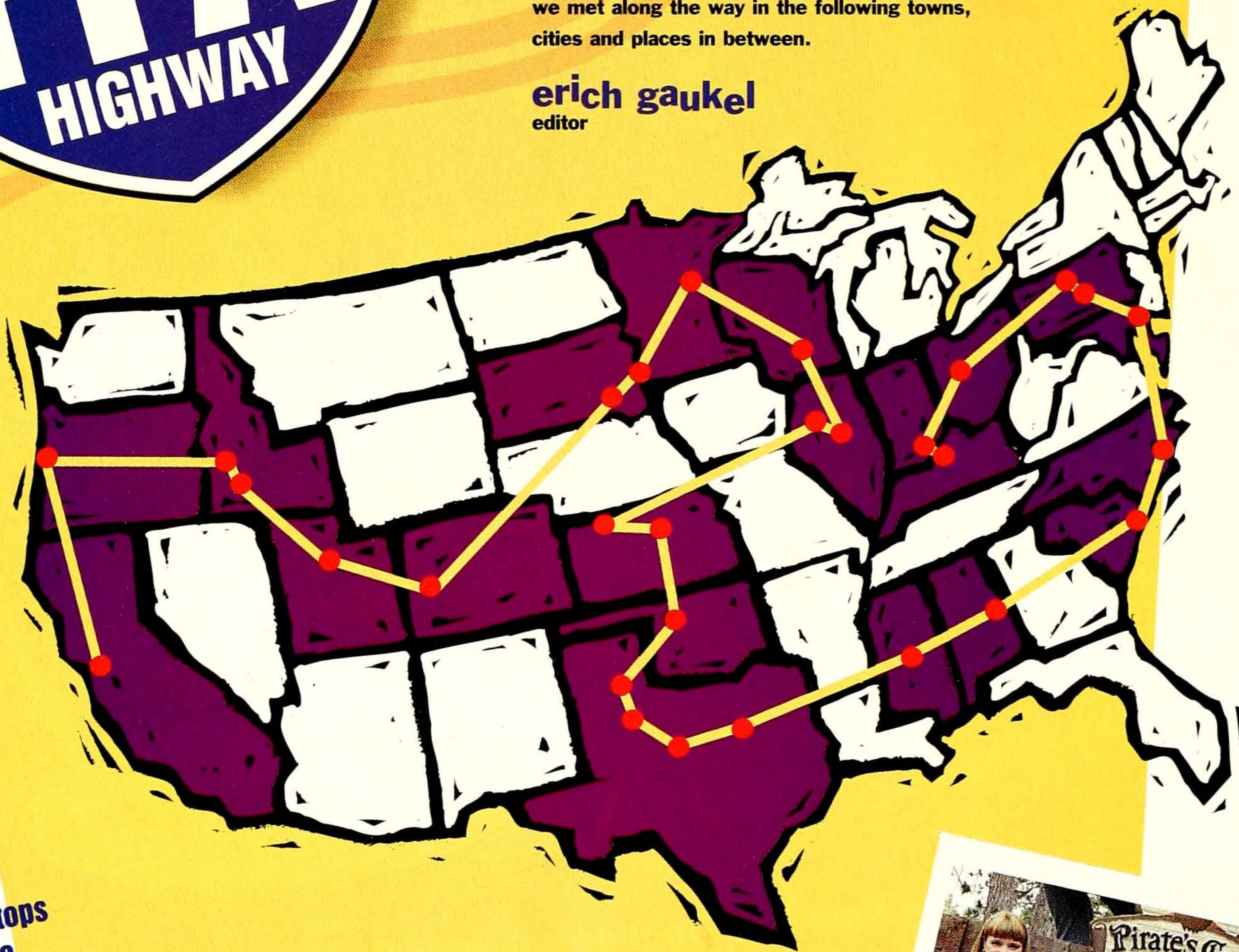




Over the last eight issues of New Horizons, We've taken you with us on a journey down the FFA Highway. The trip has come to an end, but what an adventure it turned out to be. We encountered FFA members raising everything from snakes to elk and members growing everything from putting greens to wheat.

A road trip is a great way to meet people, and we certainly accomplished that. We hope we can meet many more of you in our future travels on the FFA Highway. A special thanks to everyone we met along the way in the following towns, cities and places in between.

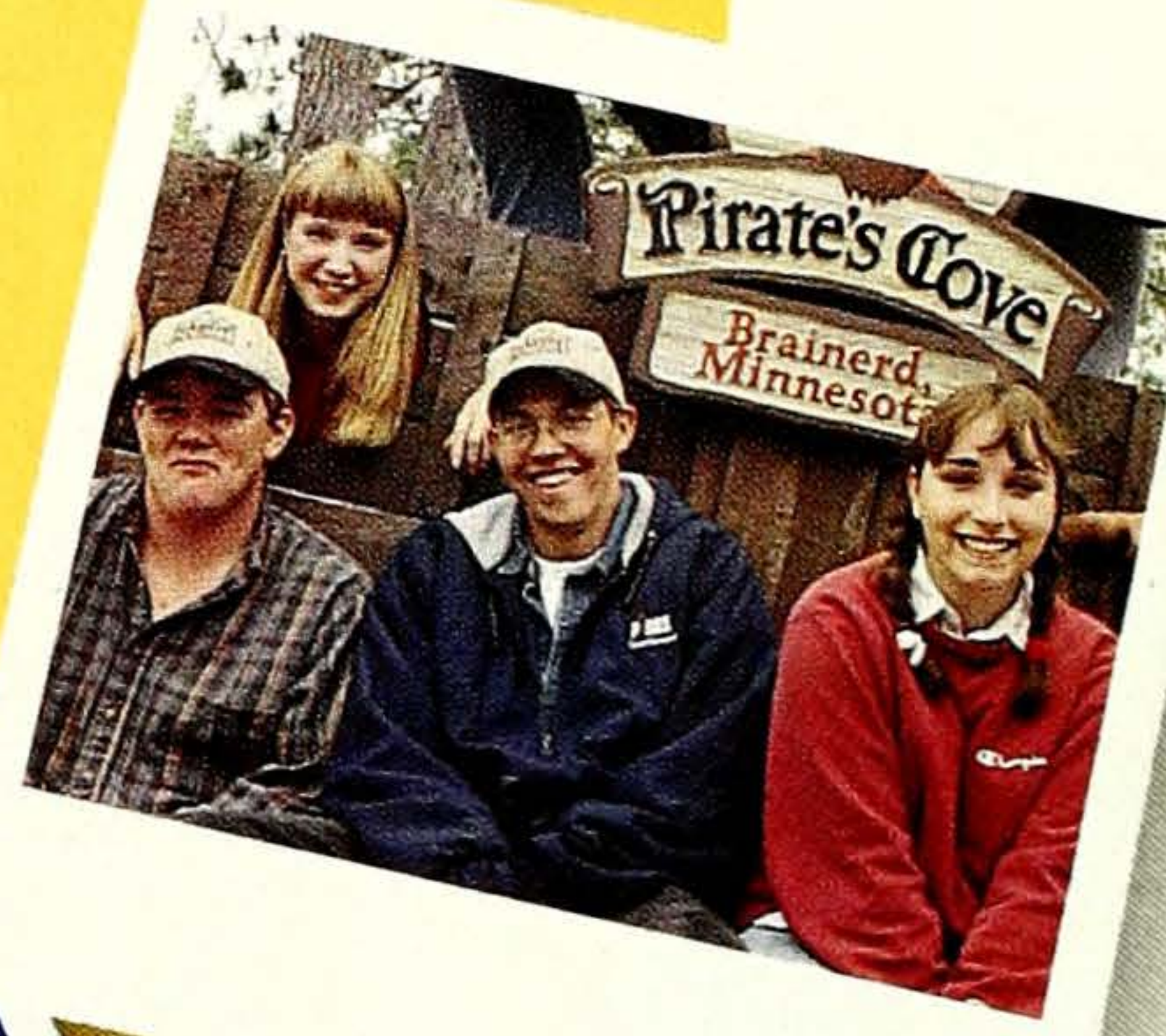
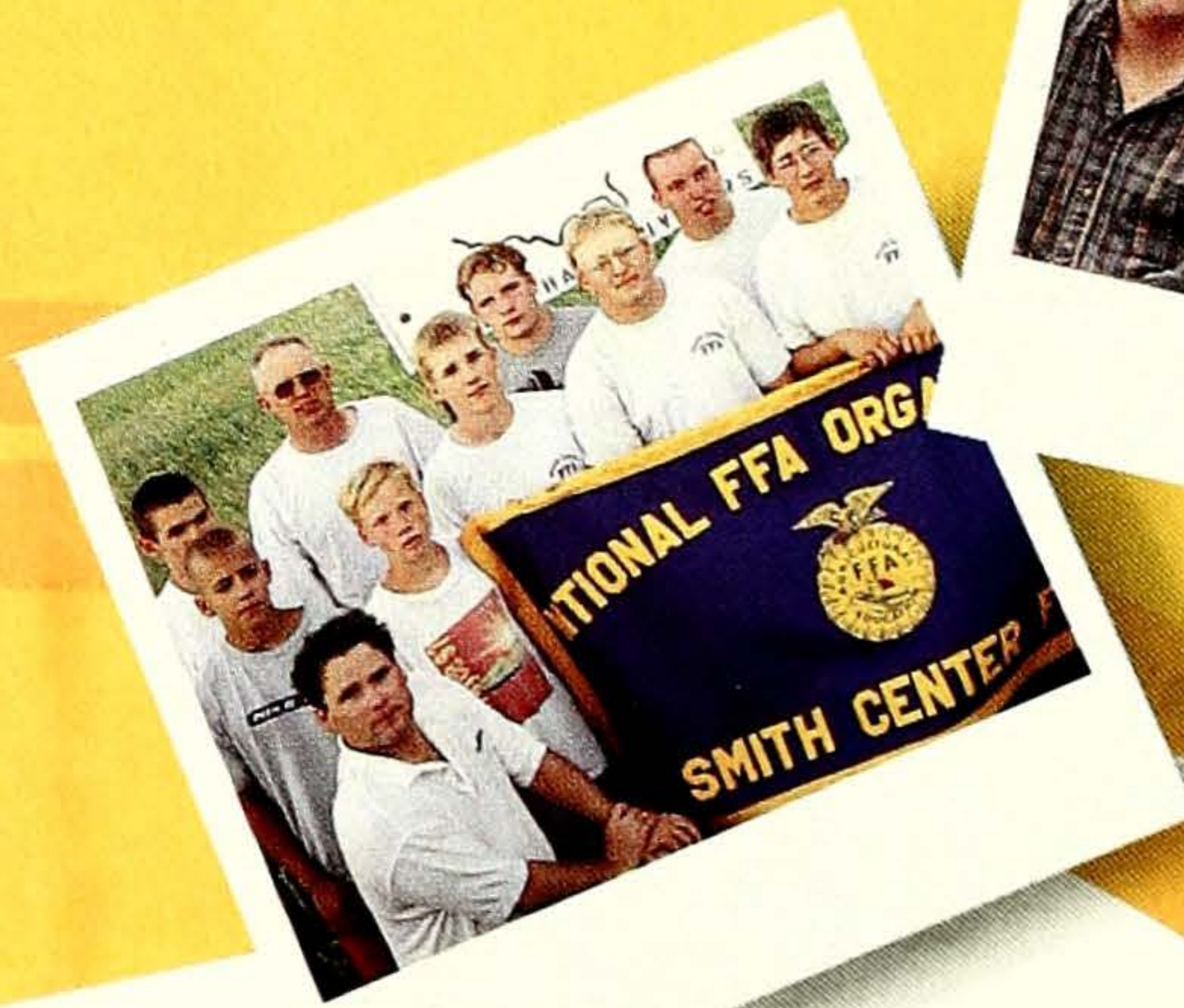
erich gaukel
editor



Our stops on the FFA Highway

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Payette, ID
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Montrose, CO
Elkton, SD
Brainerd, MN
Mitchell, SD
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Heyworth, IL
Eureka, IL
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Renfrow, OK
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Last Laff

Q: Why don't pigs tan?

A: Because of their pigment.

Molly Ryel

Drummond, Oklahoma

Q: What did the baby snake do when he didn't get his way?

A: He threw a hissy fit.

April Vallancourt

Wetumpka, Alabama

Q: What is dangerous about living for seven days on a can of sardines?

A: You might fall off.

Shaun Autry

Mount Pleasant, Tennessee

Q: What does a banana peel on the sidewalk have to do with music?

A: If you don't C-sharp, you will B-flat.

Jenica Schaefer

Hope, Indiana

Q: Why does Santa Claus have a garden?

A: So he can Ho, Ho, Ho!

Trent McLaughlin

Garden City, Kansas

Q: How do you find King Arthur in the dark?

A: With a knight light.

Megan Shisler

Albany, Missouri

Q: What's a cow's favorite part of a car?

A: The steering wheel.

Jessica Taylor

Copperas Cove, Texas

Q: Is there any word that has every vowel (and sometimes y) in it?

A: Unquestionably.

Eugene Anthony

Camden, Alabama

Q: Where can you find an ocean without water?

A: On a map.

Eli Powell

Hickman, Kentucky

Q: What is the similarity between a pancake and baseball?

A: They both depend on the batter.

Eddie McGee

Chiefland, Florida

Q: What do farmers and brokers have in common?

A: They both have a lot invested in their stock.

Stacey Stearns

Storrs, Connecticut

Q: What is the hardest part about skydiving?

A: The ground.

Katie Morris

Boone, North Carolina

Q: Why do grizzly bears have so much hair?

A: To cover their bear spots.

Jennifer Downen

Altus, Oklahoma

FFA New Horizons will pay \$5 for each joke selected for Last Laff. In case we receive more than one of the same joke, payment will be for the first one received. Contributions cannot be acknowledged or returned.

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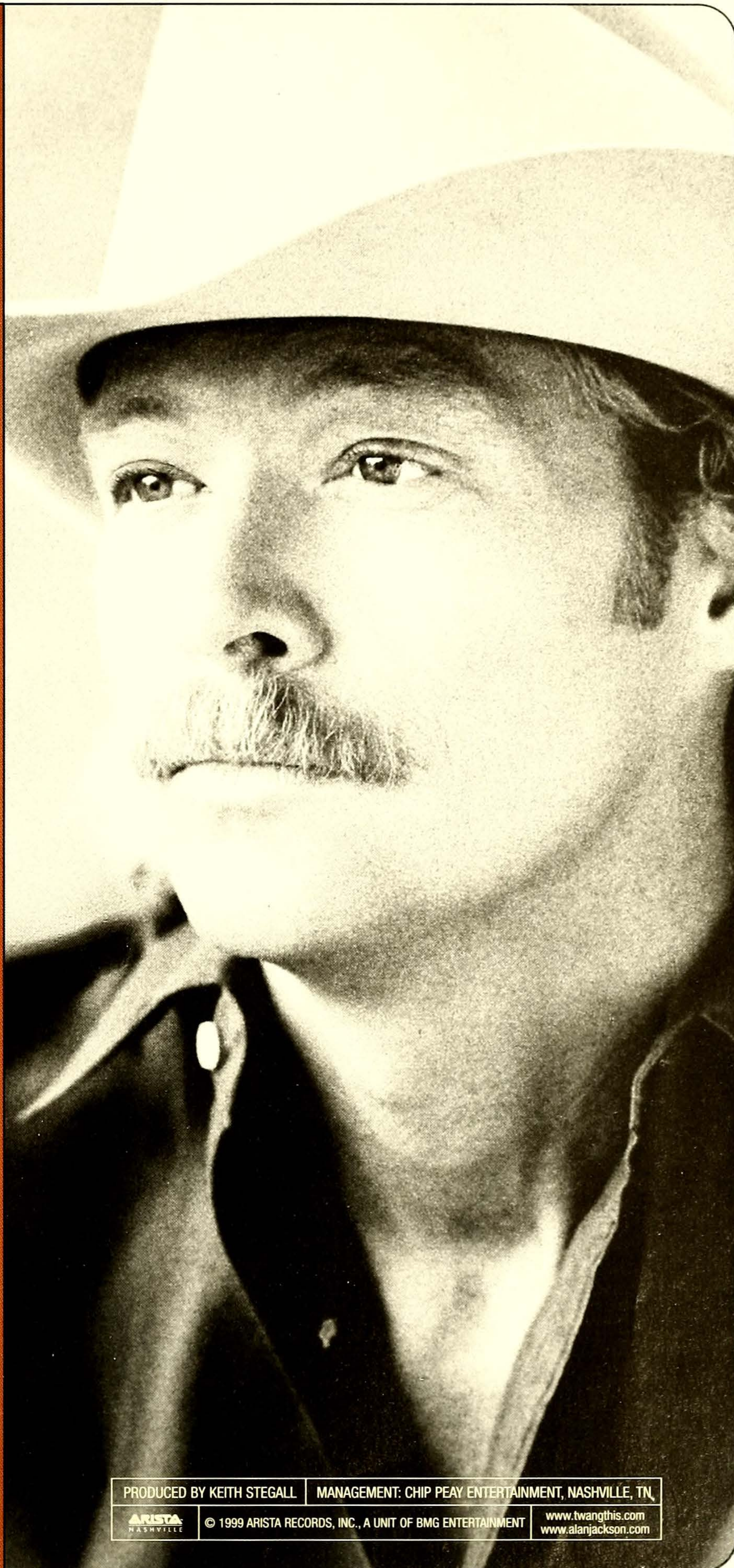
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