

<u>Now you know what wakes the rooster every morning.</u>

You can count on your Chevy" C3500 Chassis-Cab' to get up early and come home late – day after day. No matter how rough the chores get, this truck is ready to tackle whatever the day might hold. Its powerful 250-hp Vortec 5700 V8 never sleeps. And since it's a dependable, long-lasting Chevy Truck, you can get up and do it all over again tomorrow. Better get a good night's rest. 1-800-950-2438 or visit www.chevrolet.com

Chevy Trucks



LIKE A ROCK

<u>emitanta</u> May/June 1998 CONTENTS

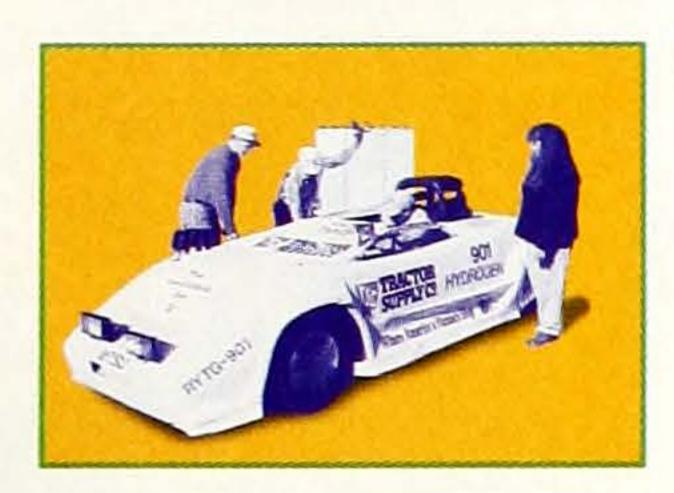
coverstory



Rhythm Riders

Meet four Arizona FFA members who make music with just a single drum and their voices. They're called the Four Winds drum group, and they're preserving their Native American heritage through their music. At the same time, they're making lasting friendships, growing as individuals, and having a great time. We caught up with them at their home base in the town of Sells, where they're leaders in the Baboquivari FFA Chapter.

features



14 Wheels of Fortune

As the world's oil supply diminishes and the government encourages auto manufacturers to develop alternative fuel cars, there's a group of collegiate FFA members in Tennessee already on the case. Meet the pit crew and their hydrogenpowered car that recently competed in the SunDay Challenge, a 70-mile race for alternative fuel cars.



18 Call of the Wild

Maybe you prefer to camp in the comfort of a Winnebago. Or maybe you like to rough it—just you, your sleeping bag and the stars. Whatever your style, check out our guide to summer camping. It's got tips from camping pro Keith Caulfield, the 1997 National FFA Proficiency Award winner in Outdoor Recreation. Also, find out what gear you're going to need to take along for a weekend in the wilderness.

departments

- national officer q & a
- 4 the buzz
- ffa stars
- construction zone
- what's hot/what's not
- last laff

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.



one on one with Amber Miller

In your mind, how has the role of a national FFA officer changed since you became southern region vice president?

I always thought national officers would just speak here and there, and have a lot of fun. I never realized there was so much behind-the-scenes work and preparation. It's not just all fun there is a lot of hard work that goes into it.

Why was FFA important to you as a high school student?

It allowed me to find a place to fit in. I always wanted to play sports, but I was never that good. I tried to play softball, but that wasn't for me. FFA allows you to find your place and enjoy being involved and active. It also gives you a strong sense of direction for your future.

Where do you see yourself in ten years?

Hopefully I will have graduated from college, and I will either be teaching agricultural education or working in agricultural marketing or sales. And hopefully I'll be married and will have a family.

VITALS

Hometown: Louisville, Alabama

Age: 19

Chapter: Louisville Advisor: Duane Baxley SAE: Swine production and agricultural construction

Education: Sophomore at Auburn University Major: Agricultural education

My favorite singer: George Strait Last movie I saw: My Best Friend's Wedding Last book I read: Chicken

My favorite kind of food: Mexican Hobby: Cooking

Soup for the Soul

timeline

- lost district public speaking competition
- elected district FFA treasurer
 - lost district public speaking competition, again
 - elected district FFA president
 - lost district public speaking competition, yet again
- elected state FFA president
- won state public speaking competition
 - named Miss Alabama Agriculture



National southern region vice president: Amber Miller

Official Magazine of the National FFA Organization

David Doerfert publisher Erich Gaukel editor Guy Gangi creative director Amy Amato associate art director Tammy DeVries custom publishing manager Margaret O'Malley production editor

Hillary Smith president 129 Brittany Drive, Perry, GA 31069

Shannon Wilcox secretary 10850 County Road 95 Kenton, 0H 43326

Mark Wilburn central region vice president 3794 Highway 54

Laddonia, MO 63352 Dana Fisher eastern region vice president 1216 Zion Church Road

Maurertown, VA 22644 Amber Miller southern region vice president 53 Beaty Drive

Louisville, AL 36048 Cody Nash western region vice president 156 Gentry Road Inez, TX 77968

Larry Case chair, USDE, Virginia Belinda Chason state supervisor, Florida Ernie Gill state supervisor, Colorado David Hopson agriculture teacher/USDE, Massachusetts

Karen Hutchinson state supervisor, Delaware Barbara Kirby teacher educator/USDE, **North Carolina**

Les Olsen state supervisor, Kansas Eddy Watkins agriculture teacher/USDE, Florida John Wilkinson executive secretary/USDE, Georgia

Larry Case national advisor, chief

executive officer Coleman Harris executive secretary Bernie Staller chief operating officer K. Eugene Eulinger national treasurer

David Doerfert student services & magazine Randy Bernhardt teacher services Dean Folkers partners Tammy Meyer & foundation

Glenn Simms Sue Springirth human & fiscal resources William Stagg communication resources Janet Lewis & distribution resources **James Long**

Dennis Shafer FFA ventures

Gary DeVries Iowa **Betsy Foote New York** Susan Kelly Florida Leigh Loughhead Arizona Rick Nagel FFA executive secretary,

Andrea Ball national FFA staff **Donelle Johnson national FFA staff**

Janet Hayes Pennsylvania Jennie Nelson Massachusetts Michael Tauscher Wisconsin Michael Tuszynski Montana

FFA New Horizons 5632 Mount Vernon **Memorial Highway** P.O. Box 15160 Alexandria, VA 22309-0160 phone: 703/360-3600 ext. 222 fax: 703/360-5524

Jack Keller national sales manager 191 South Gary Avenue Carol Stream, IL 60188 phone: 630/462-2338 fax: 630/462-2202

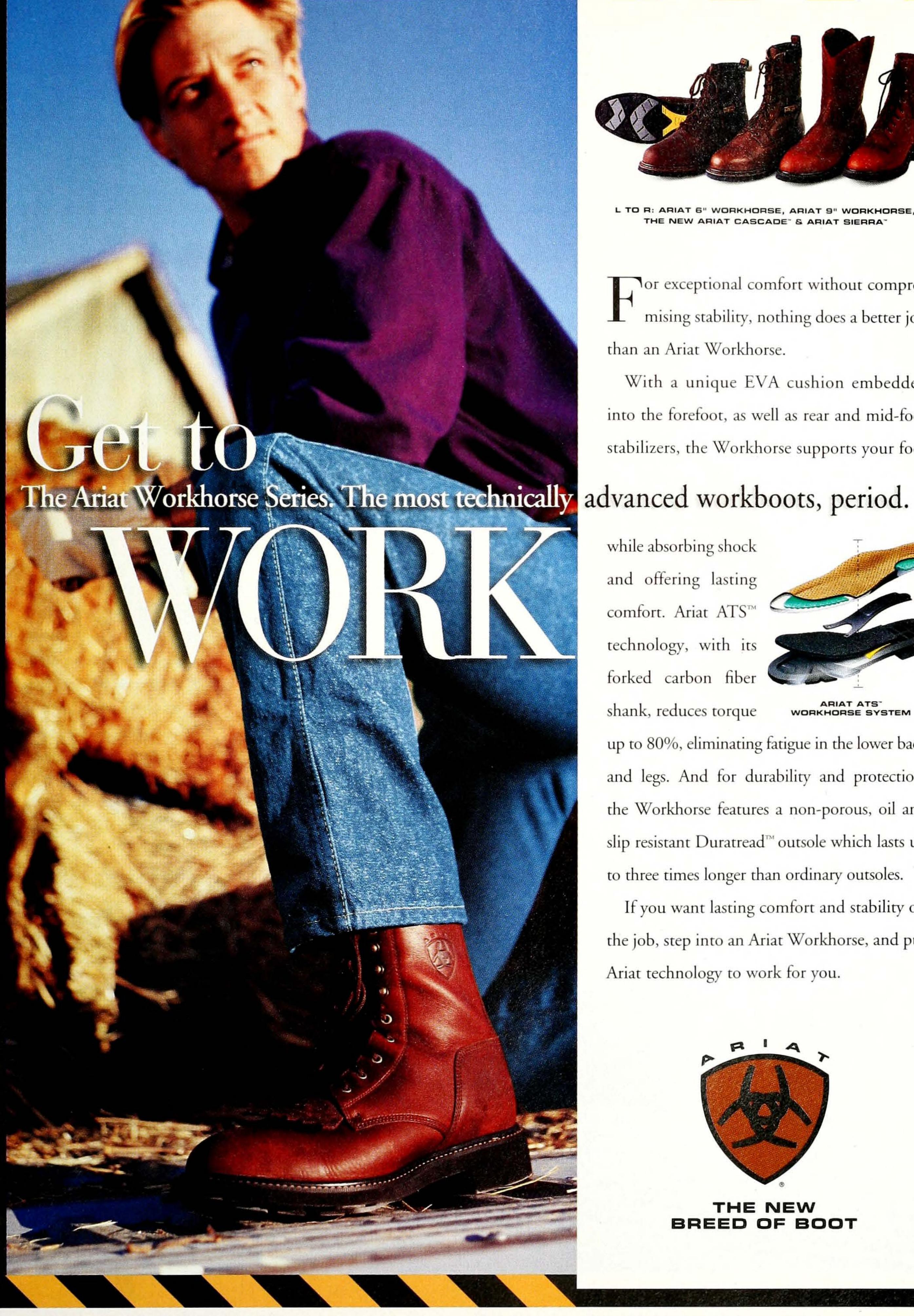
FFA New Horizons (ISSN 1069-806X) is prepared and published bimonthly by Farm Progress Companies Inc. on behalf of the National FFA Organization, 5632 Mount Vernon Memorial Highway, P.O. Box 15160, Alexandria, VA 22309-0160, in cooperation with the U.S. Department of Education as a service to state and local agricultural education agencies. Periodical postage rate is paid at Alexandria, VA and additional mail offices.

POSTMASTER: Address all correspondence to: FFA New Horizons, 5632 Mount Vernon Memorial Highway, P.O. Box 15160, Alexandria, VA 22309-0160.

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: \$8.00. Copyright 1998 by the National FFA Organization.

The National FFA Organization affirms its belief in the value of human beings and and staff as an equal opportunity employer.



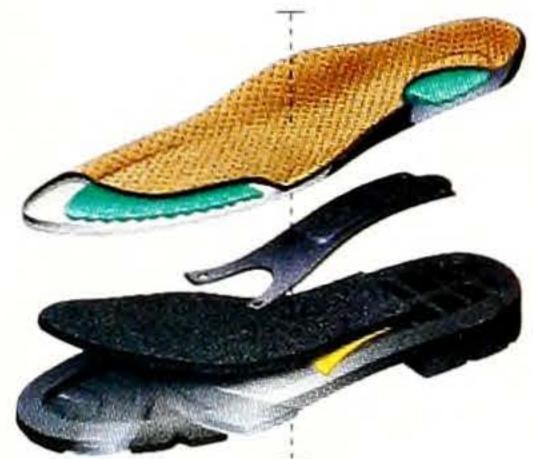


L TO R: ARIAT 6" WORKHORSE, ARIAT 9" WORKHORSE, THE NEW ARIAT CASCADE" & ARIAT SIERRA"

or exceptional comfort without compromising stability, nothing does a better job than an Ariat Workhorse.

With a unique EVA cushion embedded into the forefoot, as well as rear and mid-foot stabilizers, the Workhorse supports your foot

while absorbing shock and offering lasting comfort. Ariat ATST technology, with its forked carbon fiber shank, reduces torque

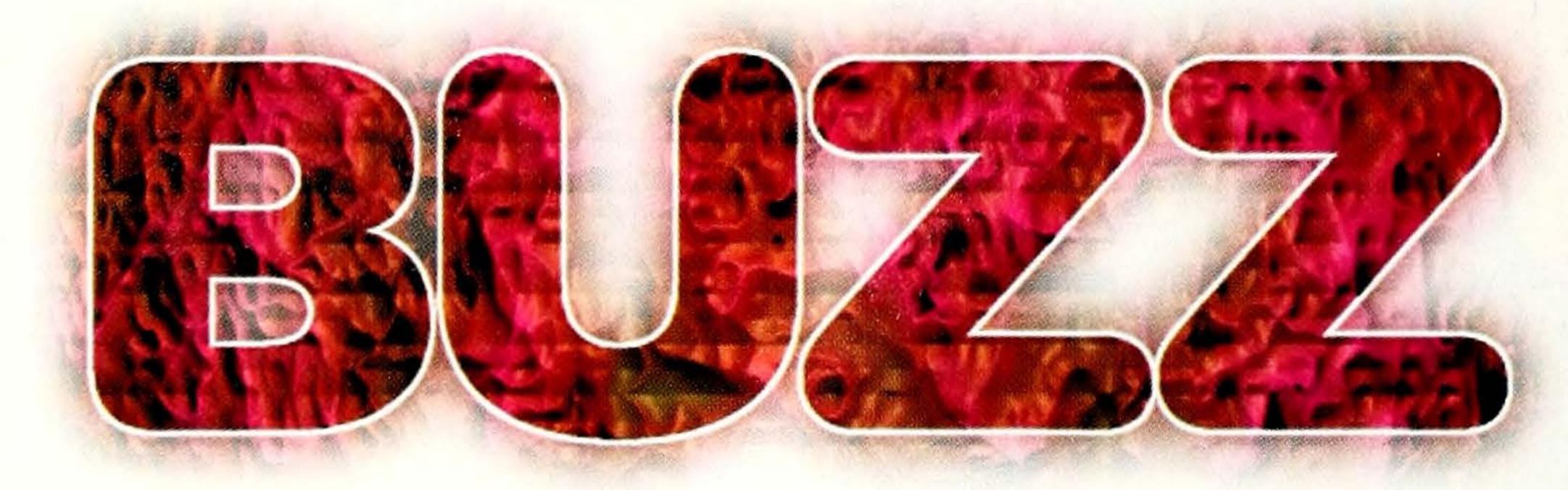


up to 80%, eliminating fatigue in the lower back and legs. And for durability and protection, the Workhorse features a non-porous, oil and slip resistant Duratread™ outsole which lasts up to three times longer than ordinary outsoles.

If you want lasting comfort and stability on the job, step into an Ariat Workhorse, and put Ariat technology to work for you.



THE NEW BREED OF BOOT

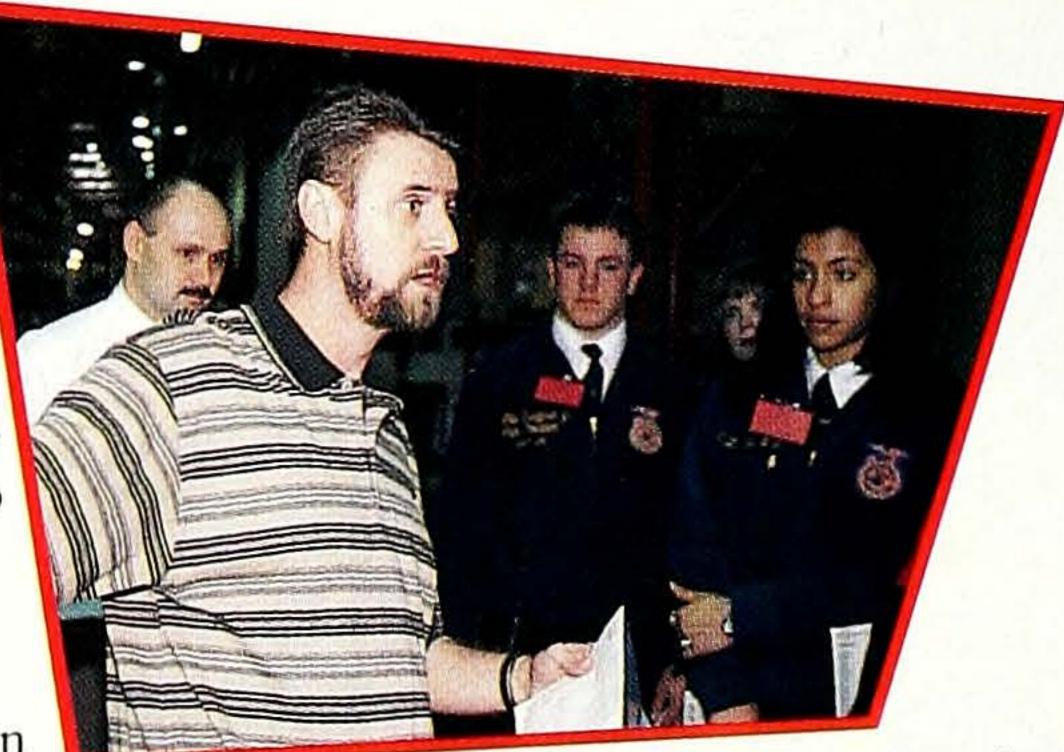


Louisville Lowdown

The FFA New Horizons Editorial Board gathered for its third annual meeting this spring in Louisville, Kentucky. Made up of FFA members, FFA advisors, National FFA staff and the magazine staff, the board was established to oversee and provide direction for the magazine. By reviewing the editorial and graphic design of past issues and discussing improvements for future issues, the board shapes the magazine to best meet the needs of FFA members. Publisher David Doerfert chose the Louisville meeting site because of its proximity to the Kentucky Fair and Exposition Cen-

ter, which, starting in 1999, will host the National FFA Convention. He also chose Louisville because it is near the town of Danville, where FFA New Horizons is printed at

the R.R. Donnelley & Sons Company printing plant. The group toured both facilities to gain a better understanding of how the magazine will cover future conventions and how printing technology can be used to better serve you, the FFA New Horizons readers.



Kerry Howell, technical supervisor at the facility where FFA New Horizons is printed, explains the printing process to the magazine's Editorial Board members. Howell is a former FFA member from Kentucky.

Road trip!

highways in June to visit FFA members all across the country. So, if you'd like to show off your SAE, friends, business, school, chapter, town-or just about anything you think is worth checking out-drop us a line and tell us why we should come visit you. You may find yourself in the pages of an upcoming issue of FFA New Horizons. You can phone, e-mail, fax or snail-mail us at:

Road Trip! **FFA New Horizons** P.O. Box 15160

phone: (630) 462-2342 fax: (630) 462-2202 (send faxes to the attention of Erich Gaukel) e-mail: erich@inforel.com

We're hitting the U.S.

Alexandria, VA 23309

erich'ssay

ven though the end of

the school year is

approaching, things are just

starting to get crazy around

already read on this page,

I'm taking my notebook and

camera out on the road for a

month this summer to meet

FFA members from all over

the place. My travel route will

be plotted by your responses,

and since I'm leaving in just a

month, I need to hear from

be considered for a visit.

you right away if you want to

Of course, I won't be able to

visit everyone, but I'm going

to cover as much ground as

I can. And, when I get back

from the cross-continental

trip, the traveling does not

for the World Congress of

of Agricultural Journalists.

the International Federation

While I'm there, I'm planning

to meet with FFA members

living abroad as part of the

FFA International Experience

program. So, whether it's in

hope to see you on the road!

gaukel, editor

your town or in Europe, I

e-mail: erich@inforel.com

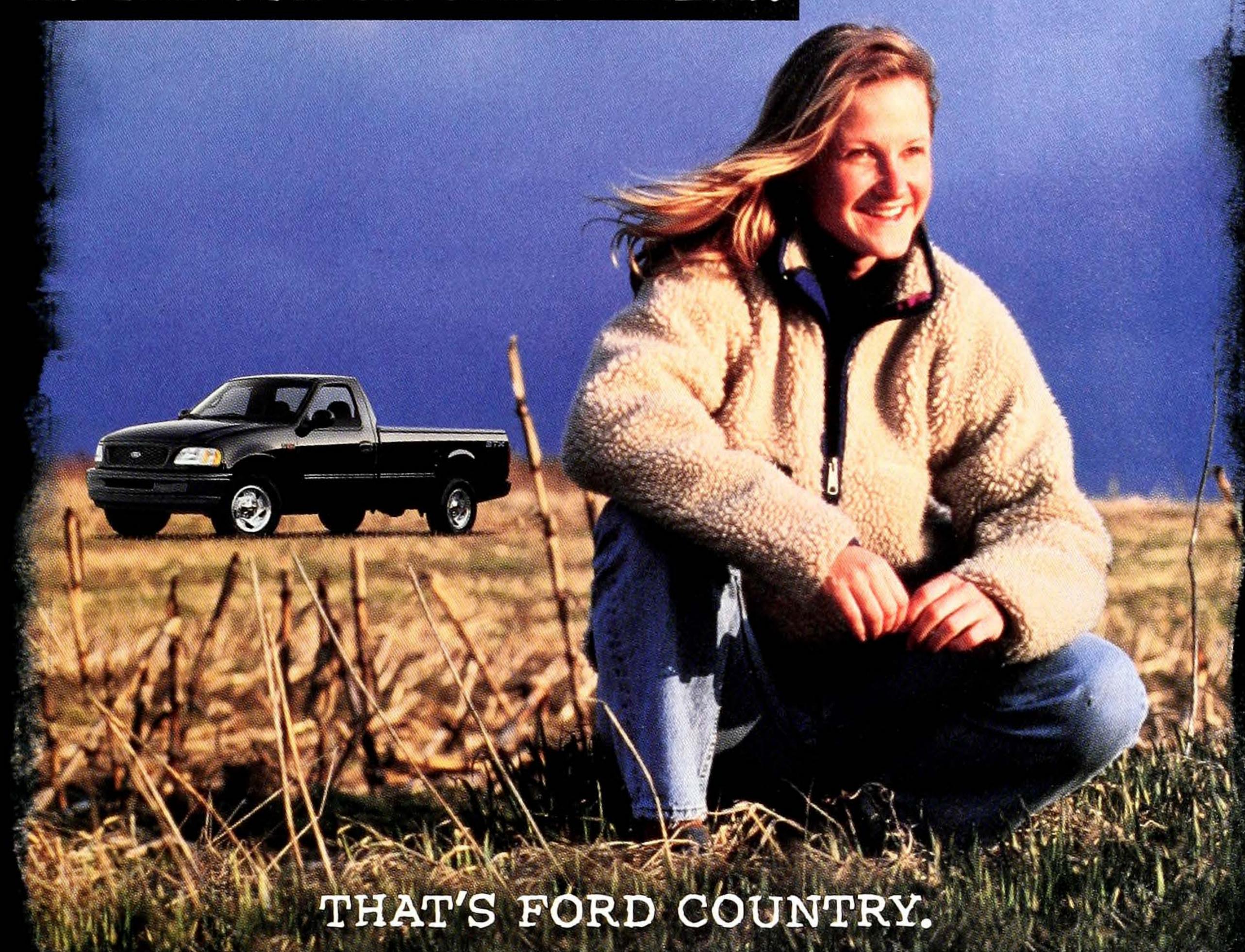
stop. I'm then off to Germany

here. As you may have

The FFA New Horizons Editorial Board: (back row, L to R) Gary DeVries, FFA advisor, Iowa; Rich Boerner, FFA advisor, Washington; Woodie Pugh, FFA advisor, Alabama; Donelle Johnson, National FFA staff; Andrea Ball, National FFA staff; Betsy Foote, FFA advisor, New York; (front row) David Doerfert, publisher; Michael Tauscher, FFA member, Wisconsin; Michael Tuszynski, Montana FFA president; Jennie Nelson, Massachusetts FFA vice president; Janet Hayes, FFA member, Pennsylvania.

WHERE THE FUTURE IS AS BRIGHT

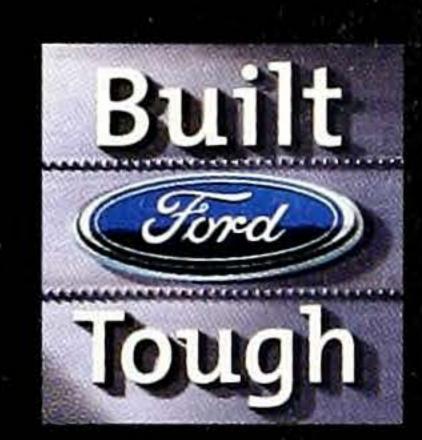
AS THE SUN ON OPEN FIELDS.

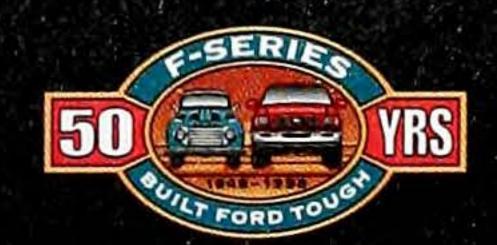


FORD TRUCK SCHOLARSHIP FUND

For the past 50 years the FFA and Ford trucks have worked hard to cultivate success in agriculture. Even after all this time, it's still a hard-working partnership. This year there's more reason to celebrate. Ford is commemorating 50 years of F-Series and 50 years of supporting the FFA. At this milestone, we are introducing the Ford Truck Scholarship Fund. Because when looking to the future, education is the best way to ensure success.







1-800-COLLECT

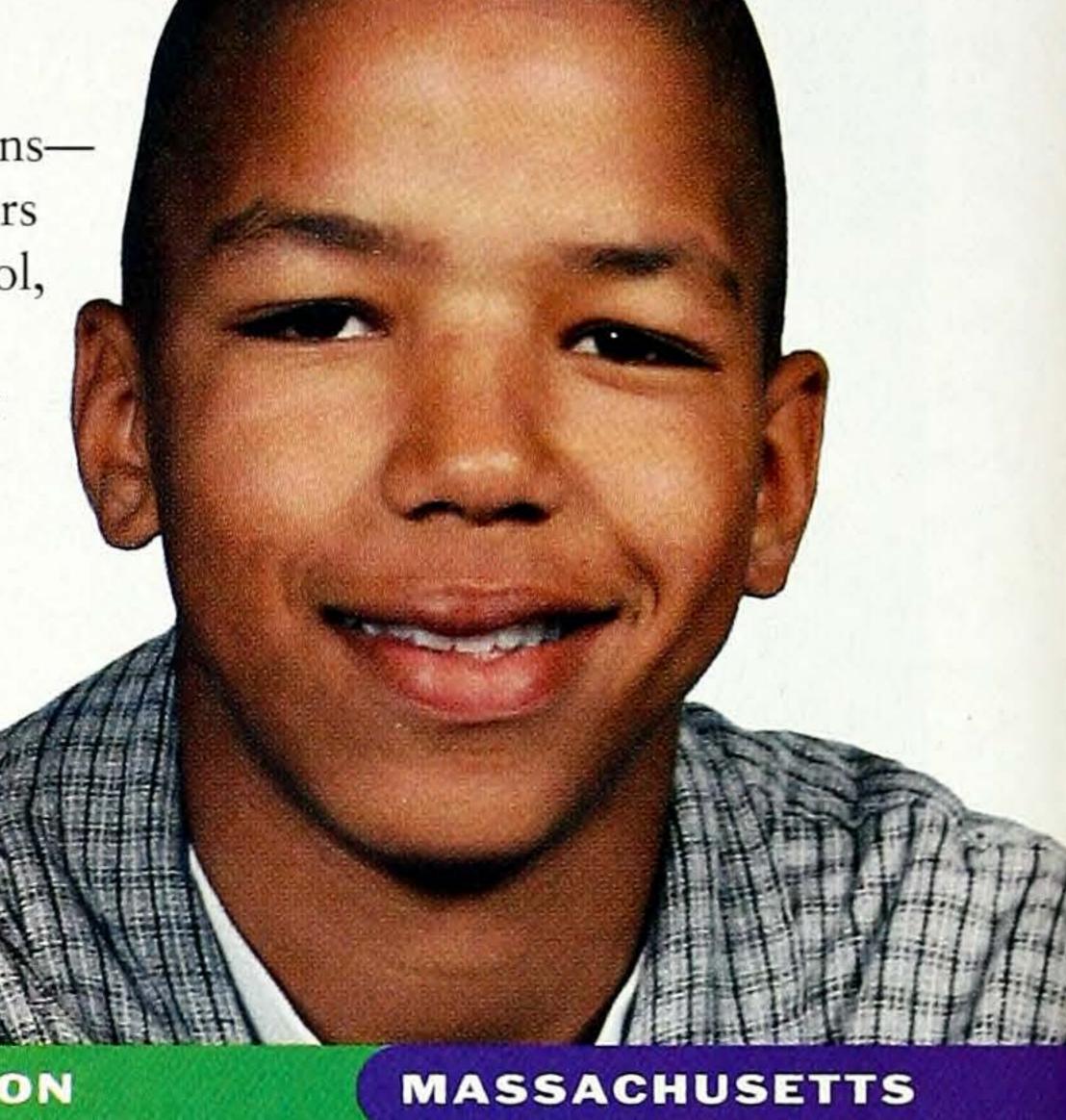
callingallstars

FFA members selected as "FFA Stars" will receive \$500 from 1-800-COLLECT which can be applied to the Washington Leadership Conference or an FFA International Experience. You can nominate yourself or any FFA member. Write us a note and tell us why you think you or your nominee is an "FFA Star." See page 24 for more details.

OKLAHOMA

Lance Gunter

At the age of 15, Lance already has career ambitions—he wants to be an auctioneer. That's still a few years off, but right now he's got his act together in school, where he's a member of the Wellston FFA Chapter and active in multiple sports. His FFA involvement includes helping his advisor out with chores and working on his SAE which consists of three pigs. He's also built his leadership skills through such programs as Made for Excellence. Lance plans to earn his state FFA degree and attend Oklahoma University.

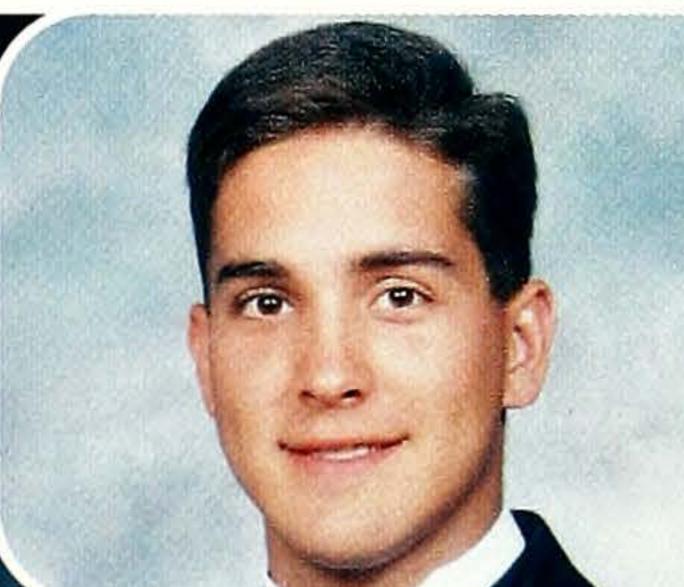


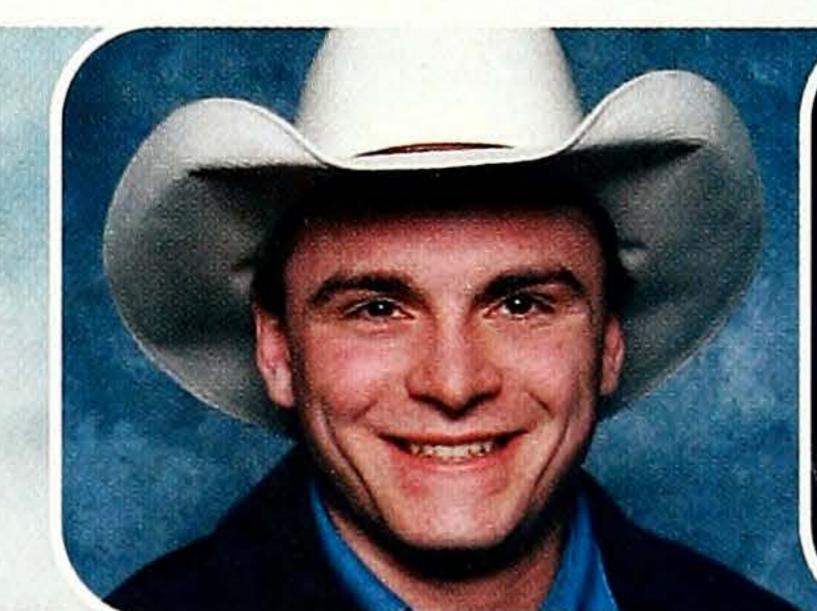
MONTANA

TEXAS

WASHINGTON









Amanda McClure

Growing up in the city, Amanda, 16, didn't have much hands-on farm experience. She had to learn about her dairy and poultry projects from scratch. As Missoula FFA Chapter secretary, she now leads others by participating in livestock, meats, mechanics, and public speaking competitions. Amanda also has musical talents on both violin and clarinet. She's a member of the National FFA Band, Big Sky Symphonic Band and Missoula Youth Symphony. *

Jarrett Urban

Making things grow is Jarrett's specialty. This 18-year-old Yorkville FFA Chapter secretary puts in long hours working at the local nursery. He used this experience to propel his horticulture team to a third place state finish last year by finishing third high individual. Also last year, Jason won the state nursery proficiency award and followed that with a Gold Emblem at the national level. Jarrett plans to attend Texas A&M University this fall. ★

Matthew Shinall

This 17-year-old senior is the Pullman FFA Chapter vice president. Add to that his involvement with the parliamentary procedure team, the soil and livestock judging teams, the courtesy corps (state and national) and the state talent program, and you've got one busy FFA member. But he's also wrestled, written for the school newspaper, and actively participated in his church. He plans to enroll at Utah State University, where he will major in agricultural education.

Lynn Estabrooke

Inspired by her agriculture teachers over the last four years, Lynn, 18, hopes to pursue a career in agricultural education. She's now the Bristol FFA Chapter president and just last year was named the state star farmer. In addition to her FFA involvement, Lynn volunteers her time at an adult day care facility, serves on the SADD dance committee, and works on the yearbook staff. As a singing talent, Lynn took first place at the state FFA talent program in 1996.

Even Neal Knows.



The Easy Way To Save.*

www.1800COLLECT.com



Setting the pace

Just over a year after its groundbreaking, the new National FFA Center is about to capture the checkered flag

April 1997



FFA members and guests walk on the future site of the National FFA Center following the groundbreaking ceremony.

October 1997



The Center's steel frame is on the verge of completion and workers begin to apply bricks to the building's exterior.



work is now being done on the inside of the building.

s I rolled into Indianapolis in my slightly rusted '86 Mazda to take a look at the progress of the new National FFA Center, I decided to stop for gas first. So I pulled into the Shell station just across the street from the Center. As I twisted my gas cap back into place, a swarm of glimmering purple Corvettes raced in and grabbed all the remaining pumps. As the other bystanders and I tried to figure out what was happening, I walked over and took a closer look at one of the Corvettes.

It turns out they were official pace cars for the 1998 Indianapolis 500, being delivered to Indianapolis by Chevrolet. Pace cars have come to be something of a symbol in Indianapolis. Even the city's NBA team, the Pacers, is named after them.

When I drove across the street to the FFA center, the construction process moved at its own quick pace. From the outside, the building nearly looks complete except for the landscaping, some of

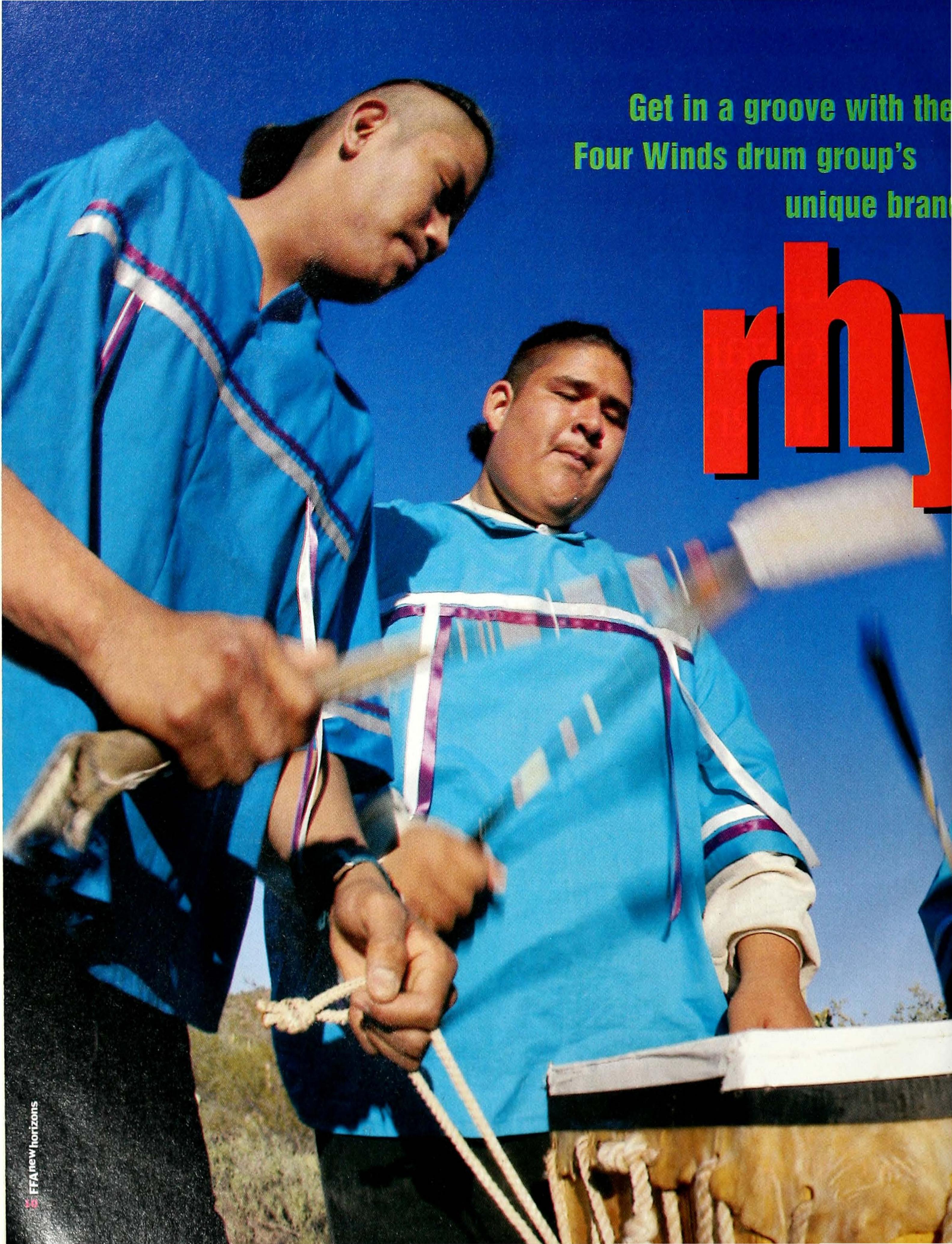
which will be designed by FFA members. Inside, workers have installed the dry walling, flooring, storage room shelving and the lighting fixtures.

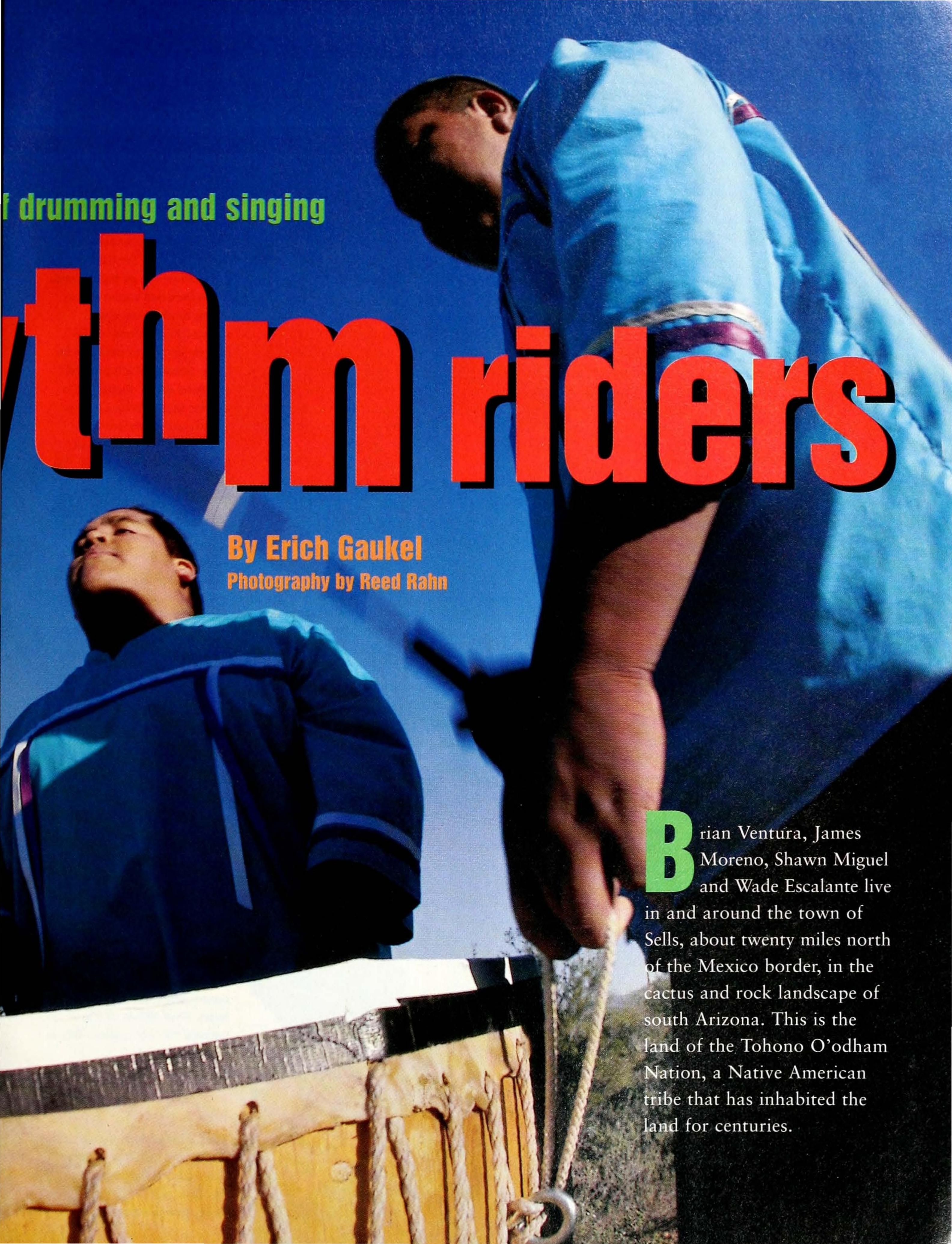
The finishing touches should be in place by May, when the first of the National FFA staff members will move in. The center will be officially dedicated from July 20 to 23, during a weeklong series of events. Attendance at a formal observance Monday morning, July 20, will be by invitation only and will include each state's FFA advisor and the two state officers en route to the State Presidents' Conference.

FFA chapters, teachers, remaining state FFA officers, alumni and other state agricultural education staff will be invited to be a part of the dedication week by attending one of three open houses at the FFA Center scheduled for July 21, 22 and 23. Chapters need to schedule their visits to the open houses so that tours, box lunches, refreshments and other activities can be arranged. Check with your advisor for more details.

This official Indianapolis 500 pace car was spotted fueling up at a gas station across the street from the new National FFA Center.







Every Monday night these four Baboquivari FFA Chapter members come together for the drum circle. Here they huddle around a single drum, playing and singing traditional Native American "powwow" music that has existed for generations.

The group sometimes consists of just Brian, James, Shawn and Wade; and sometimes it consists of these four plus other students from the school and people from the community.

James says the Four Winds drum group is special because of the closeness of its members. Brian, James, Shawn and Wade also share a common bond through their FFA involvement. "For me, it's just being with all these people—all our friends. It's kind of like a second family. We're all kind of a close circle," he says.

There's a strong spiritual side to the music as well. "When we're practicing, sometimes I have the feeling that there are a lot of people standing around us," Wade quietly explains. "It's like you can feel the spirits that come in to watch you sing. . . . I'll kind of glance over my shoulder and nobody's there, but I can feel the spirits there."

Shawn explains the group is also about personal growth: "I'm here doing this drumming to keep myself out of trouble. . . . There's a certain responsibility around the drum to respect it and behave around it. That gives you discipline."

Convention attention

When Four Winds played and sang

on the main stage at the 1997 National FFA Convention, they had to overcome some initial stage fright. James says the group usually performs for much smaller events family gatherings, parties, powwows and school events. With fourteen thousand people watching, on-stage video cameras and spotlights aimed directly at them, and a high-wattage sound system amplifying their every movement, they tried to focus on the task at hand.

"I kind of got nervous, but once I got out there I just concentrated on what I was doing, and I did all right," Shawn says.

Brian caught the stage fright bug too when the group later performed at the food court in Bartle Hall. "They made me speak and introduce ourselves, and I just got kind of nervous up there. Once we started singing, and after hearing the people's response after we got done playing, it was okay," he says.

They did overcome their fears, evident in the fact that they hope to perform again at this year's convention.

Keeping time and tradition

Shawn, who has been playing since the age of eleven, first started playing because he was inspired by his stepfather's interest in the music.

His stepfather actually formed the Four Winds drum group years ago. Since that time, he and other adult members have come and gone from the group. But these days it's in the hands of this eager group of teenagers, and they're more than ready to make sure the beat goes on.

To do this, they maintain a practice schedule; invest all performance earnings back into the group; encourage others to become involved; and learn new songs.

They take pride in showcasing their music for other cultures, too. The group most recently performed for a group of exchange students visiting their school from the remote reaches of Siberia, located in eastern Russia. The exchange students had never seen or heard anything quite like the drum circle, but the music captured their curiosity, and "they took a lot of pictures of us," Brian explains with a

laugh. 🔯

Drumming up crops

Music is a part of Tohono O'odham agriculture

Agriculture was a way of life for the ancient Tohono O'odham Nation. In the harsh desert conditions, they relied on the crops for their very survival. They held ceremonies and celebrations for rain, as well as for the planting and harvest of their crops, which included sudan grass, barley, devil's claw and squash. Four Winds is frequently invited to perform for these rituals, which are still practiced today, though on a smaller scale. Brian, James, Shawn and Wade are also active in the production of these crops through their FFA involvement.

Powwow know-how

Here are four types of songs commonly performed by the Four Winds drum group (also called "dances," because dancers sometimes perform with the musicians).

Round Dance

A very slow friendship dance, where the dancers sidestep around a circle.

Inter-Tribal

A slow to medium tempo friendship dance, similar in style to the Round Dance.

Crow Hop

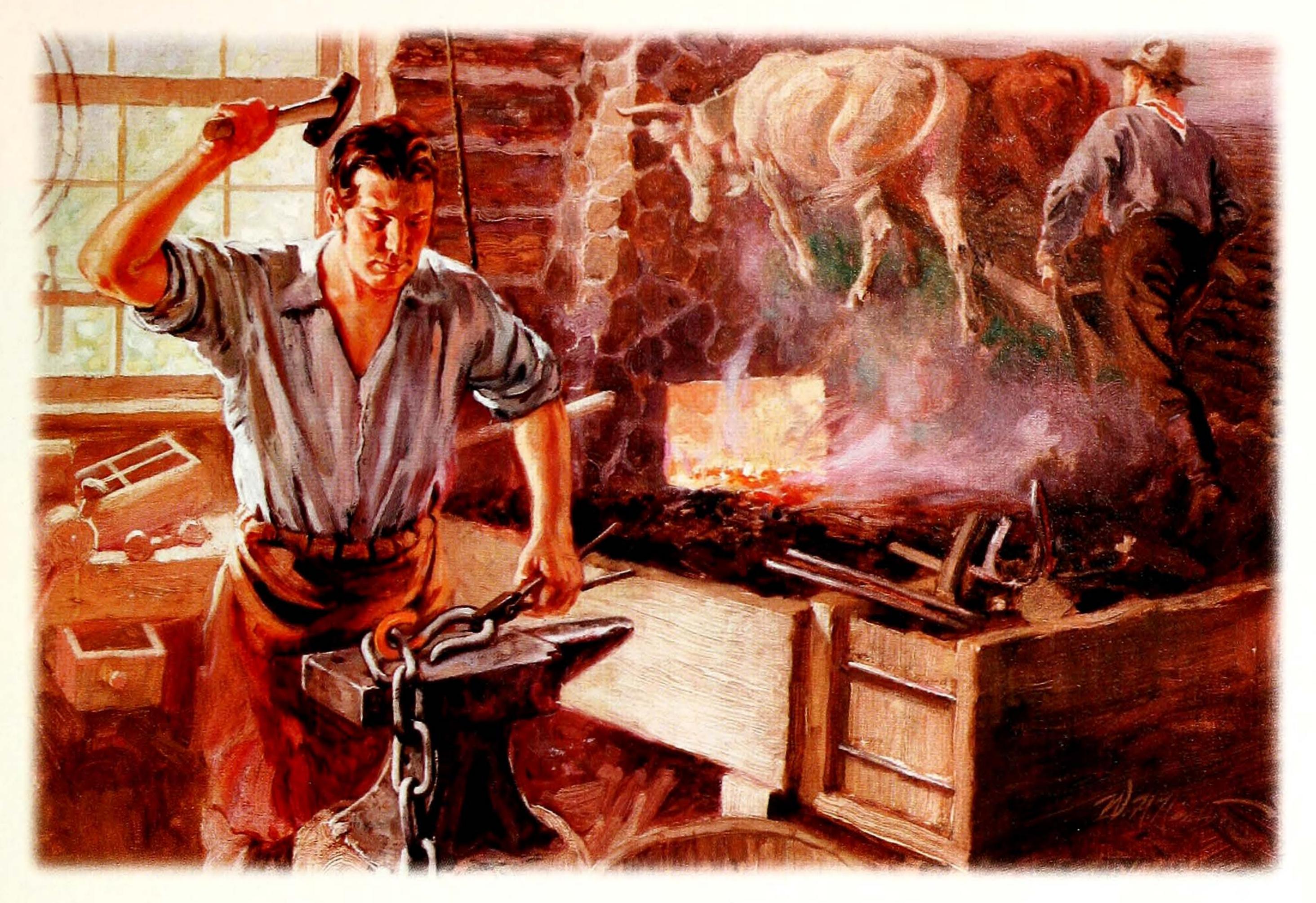
A medium tempo dance where the dancers imitate the movements of a hopping crow.

Sneak Up

A warrior dance with a fast tempo that increases as the dance nears its end (if you heard Four Winds at the national FFA convention, this is what you heard).

Want to learn more about the Four Winds drum group? Drop them a line at:

Four Winds Drum Group c/o Baboquivari FFA Chapter Baboquivari High School P.O. Box 248 Sells, Arizona 85634



One man in a John Deere shop changed the course of agriculture forever.

(Who says you can't do the same?)

Over 160 years ago, in a shop outside the town of Grand Detour (in western Illinois), a young man named John Deere forged the first self-cleaning plow. From that moment on, farming and farm equipment were forever changed.

Today we use turbocharged engines, satellite positioning systems, and many other technologies that John Deere himself may not have dreamt of. But one thing hasn't changed:

The fact that one person in a John Deere shop can still have a profound impact on today's agricultural industry.

Thanks to the John Deere Career Partnerships program, that person can be you.

John Deere Career Partnerships train today's aspiring ag professionals for challenging and rewarding careers in agriculture. The Ag Tech program produces the most advanced service technicians in the business. The Ag Parts program

creates skilled parts specialists. The Ag Sales program molds people into problem-solvers for customers. And the Mentor program forges future business managers who will lead John Deere dealerships in the 21st century.

Each career is vital to the farming industry. Just as vital as John Deere himself.

Many years ago one man with a few tools and a single vision revolutionized farming. And today that revolution continues with individuals in John Deere shops all over the world.

Be a part of the revolution. Ask your local John Deere dealer about the John Deere Career Partnerships program. PARTINERSHIP

http://www.deere.com/ag/agtech



Developing transportation for the possibility of a world without oil



By Kyle Munson Photography By Bob Schatz

ydrogen is plentiful. It's the most abundant element in the universe. It's in the water we drink. But, for a handful of collegiate FFA members in Tennessee, it's the stuff of magic. Dr. Cliff Ricketts, an agricultural education professor at Middle Tennessee State University (MTSU) in Murfreesboro, has led an alternative energies project for the last 20 years. It teaches students to broaden the scope of their thinking in the mechanics field. More precisely, students in the program build cars that run on fuels more environmentally sound than gasoline.

The MTSU team's latest success is a hydrogen-powered car that showed its stuff last September in the Florida Solar Energy Center's SunDay Challenge in front of an estimated 30,000 spectators. It was one of only 11 vehicles (out of 43) to even finish the 70-mile rally that stretched from Cocoa, Fla., to the EPCOT Center in Orlando.

John Marshall, an MTSU sophomore, agricultural education major and sixth-year FFA member who serves on the National FFA Alumni Council, remembers each of the 70 miles of the SunDay Challenge. As the team's navigator, he plotted the hydrogen car's every start and stop-through checkpoints, each refueling and all traffic lights. Marshall kept the car up to speed and on course.

Highway classroom

Throughout the race he sat in the front passenger seat of the van that trailed the hydrogen car. Marshall, stopwatch in hand and maps strewn about his lap, was in a real-life classroom beneath the big, overcast Florida sky.

Tina Nichols, a junior, animal science major and MTSU's collegiate FFA president, remembers the SunDay Challenge as a member of the pit crew.

"I learned a whole lot about it there," she says, "more than I ever thought I'd know about a car." Nichols was responsible for the car's road maintenance and cache of necessary tools. At one point during the SunDay Challenge, the car simply stopped moving (because of a faulty cyllanoid valve worth \$10), and she and the rest of the pit crew had

to talk via cell phone with Terry Young, a former FFA member and MTSU student who had helped build the car from scratch, to solve the problem.

Nichols, who began working on the hydrogen car in 1996, is inspired by MTSU's success at the SunDay challenge.

"Anything new is a possibility," she says. "We don't know what's going to happen in the future. I'm proud to be involved with the program. One day we may run out of crude oil and gasoline and we may have to rely on the alternative energies we're experimenting with now."

An alternative need

Dr. Ricketts started his alternative energies program during the height of the '70s oil crisis. He and a group of about 10 students built an ethanol car and exhibited it at the 1982 World's Fair in Knoxville, Tenn. Ethanol is now common at gas pumps nationwide.

After a five-year stint experimenting with methane, the MTSU team switched to hydrogen and on Oct. 14, 1987, ran its first engine. That was the beginning of the road leading to SunDay.

Young, now a 32-yearold farmer building his own 1,800-square-foot log home in Woodbury, Tenn., began working with Dr. Ricketts in 1988.

"Regular mechanics kind of gets boring for me after a while," Young says. "This hydrogen brings new life to the word mechanics. I see it as a challenge....I like to be on the cutting edge whenever society accepts an alternative energy program. I like to be the one that knows the most about it." There's no better place to start grassroots acceptance of hydrogen fuel, he adds, than among American farmers.

Built for speed

The MTSU car's first landmark success was in 1992 at Bonneville Speed Week in Wendover, Utah, when it set a landspeed record (88 miles per hour) for hydrogen automobiles. The record still stands.

"It's a thrill, a natural high," Nathan Fuller says. A senior and agricultural education major at MTSU, he was also on the SunDay team. "I know what it feels like to see your car out there, run-

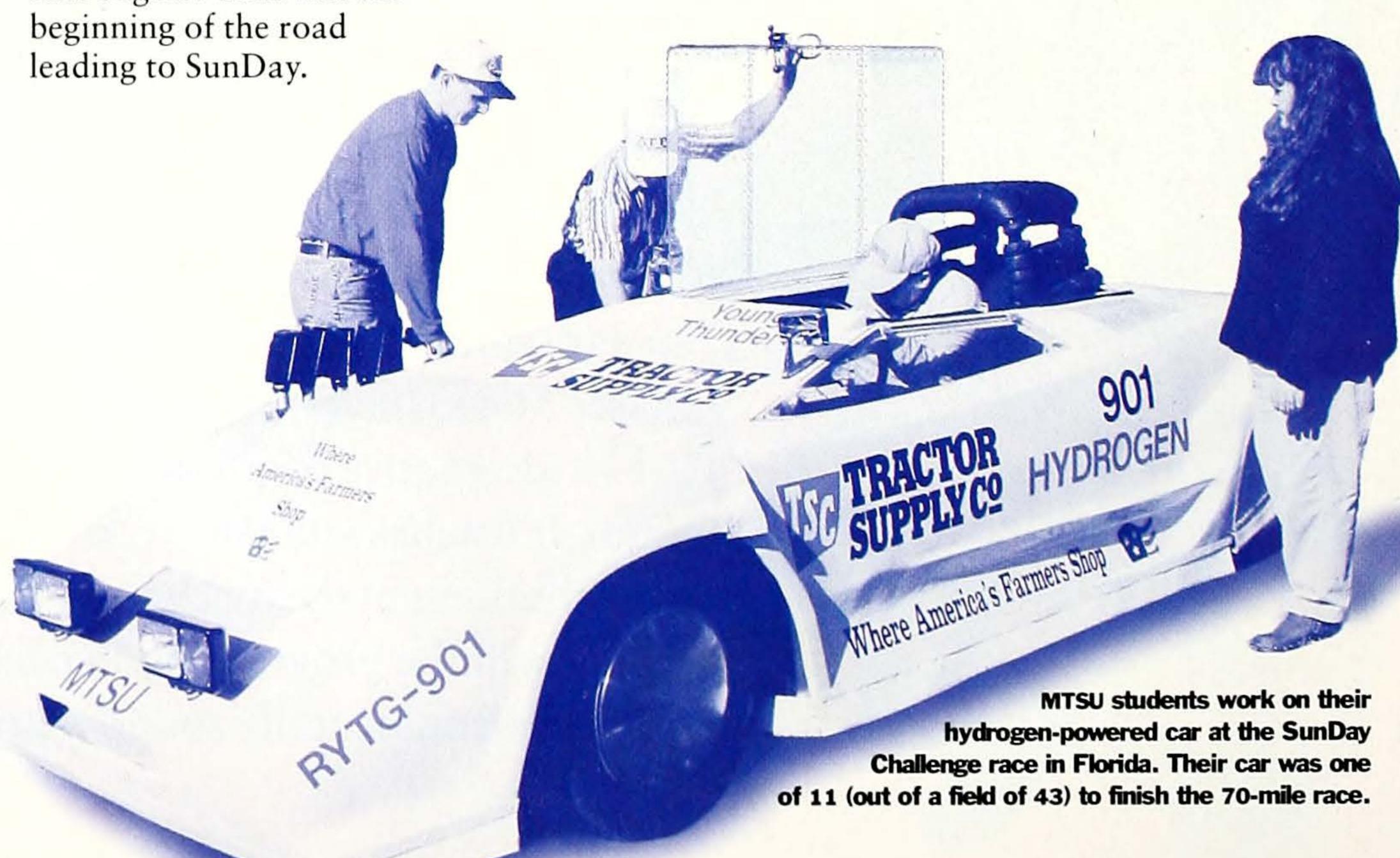
ning, breaking speed records." Fuller worked an average of 30 hours per week on the hydrogen car in preparation for the SunDay Challenge.

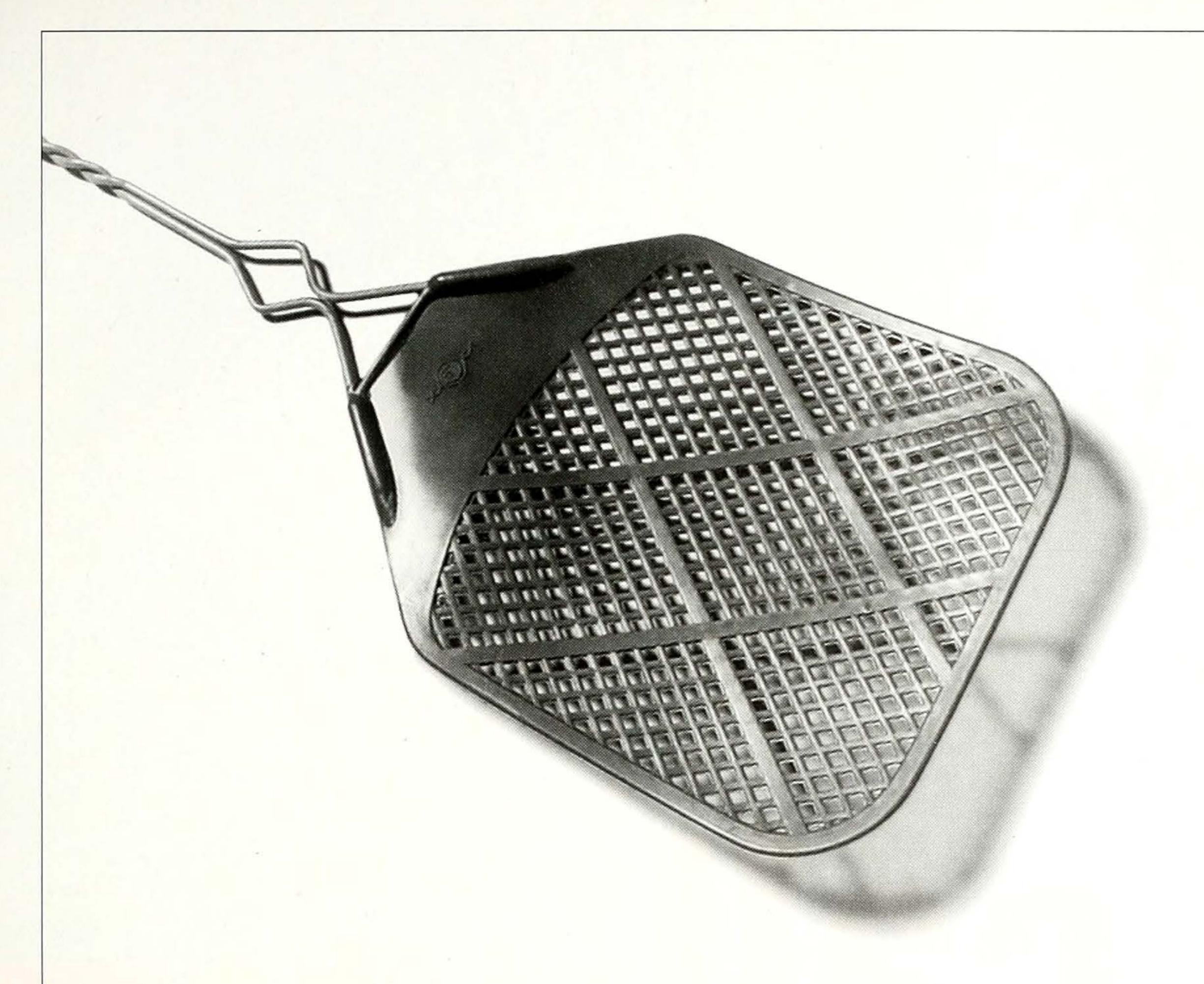
The hydrogen car began life as a Lamborghini replica kit, but Dr. Ricketts and his students have continually made changes and upgrades. Tractor Supply Company signed on as a corporate sponsor, and the Nissan plant near Nashville donated an engine.

It's an expensive, custom-built car, but the team is working to perfect and simplify each part so that some day it can be successfully mass-produced.

Nichols is learning as much as possible through the program because she will soon have to face high school students who will be eager to learn how agriculture means more than growing plants and raising animals.

"The hydrogen car and alternative energy program give me the knowledge I need," she says. "I can say, 'Yeah, I remember doing this, and this is what you can do."





Act now! Or this may be the only pest control tool you'll ever use again!

How come?

Because the Environmental
Protection Agency is reevaluating
the pesticides you count on to
run your farm, keep bugs out
of your house and weeds out
of your garden.

As early as May, you could begin to lose some of the most trusted insecticides on the market today.

Why?

Because EPA isn't asking

you--the farmer--or other
Americans how you actually
use these pest control products.
Without accurate input, the
new Food Quality Protection
Act cannot be fully and
fairly implemented.

So what?

So you lose many costeffective pesticides--the tools you depend on most. Fewer products lead to less IPM and less conservation tillage. Pest resistance rises. Yields drop.
Incomes fall. And farm
production moves offshore.

So what?

So act now!

Send in the attached reply card or write to:

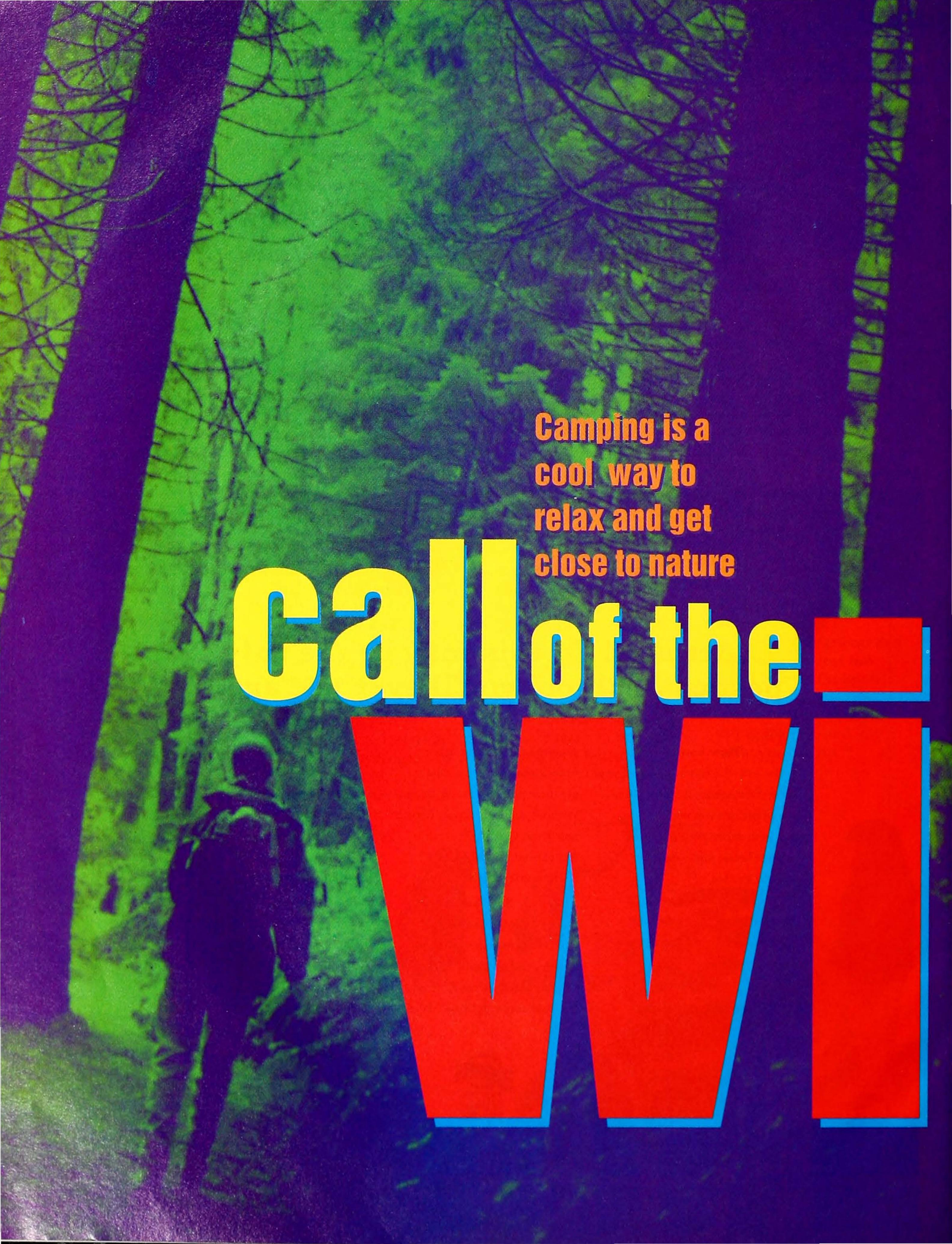
The President
The White House
1600 Pennsylvania Ave., N.W.
Washington, D.C. 20500

For more information, log on at www.acpa.org









hen it comes to camping, 18-year-old Keith Caulfield is a pro. In fact, before he enrolled last fall as an electrical engineering major at the Milwaukee School of Engineering, Keith had managed to pitch his tent in 37 different states.

"I've been camping all of my life," admits the Montello, Wisconsin, FFA Chapter member, who recalls spending a significant portion of his child-hood following his traveland nature-hungry parents around the country in their pop-up camper. "It's the only type of vacation I can remember."

These days, while Keith attends classes and cranks out term papers like any other student, he continues to get outside almost every weekend when he heads home to Lake Kilby to help his now-settled parents manage their own campground.

With all of this outdoors experience—as a camper and as one providing campsites to others it should come as no surprise that Keith is a 1997 National FFA Proficiency Award winner in Outdoor Recreation.

Pick your style

Camping is a great way to not only get outside, but to get away from everyday worries and routines. And according to Keith, anyone can do it. "You have every different type of camper out there," he says, "and every different type of campground."

Those who prefer paddleboats and an arcade within walking distance of their tent or vehicle can



Camping Basics

Before you set up camp, be prepared and know the rules. If you're not camping at an established public site, find out who owns and manages the land and whether there are any special regulations. Campfires are often illegal; check before you build one. Finally, practice "Leave No Trace" camping so that the next group near your site doesn't know you've been there. It's nice to think that you're the first person to set foot in a wilderness setting.

Don't head for the hills without the following essentials:

Tent: waterproof and flame-retardant

Cookstove: compact; adjustable flame for easy cooking

Cooking set: lightweight and stainless steel

Sleeping bag: warm enough for chilly summer nights

Sleeping pad: foam or air-filled for insulation

First-aid kit: especially if you're camping in a remote area

Extra clothing: lightweight and warm layers

Miscellaneous: flashlight, map, compass, travel-sized games

"luxury" campground; while, on the other end of the spectrum, those that seek only mountain streams and starry skies can shoulder their packs and take to the woods.

"It all depends on what you're going to camp for," says Keith, explaining that even his family's oncebasic campground has evolved over the years to now offer both a pool and a whirlpool to its patrons. Yet with all of the various versions of camping from which to choose, Keith knows for sure which style he likes best: "If you ask me," he says, "I'd take 40,000 acres of nothing. I'd rather go out, kick back, and have the woods and the mountains."

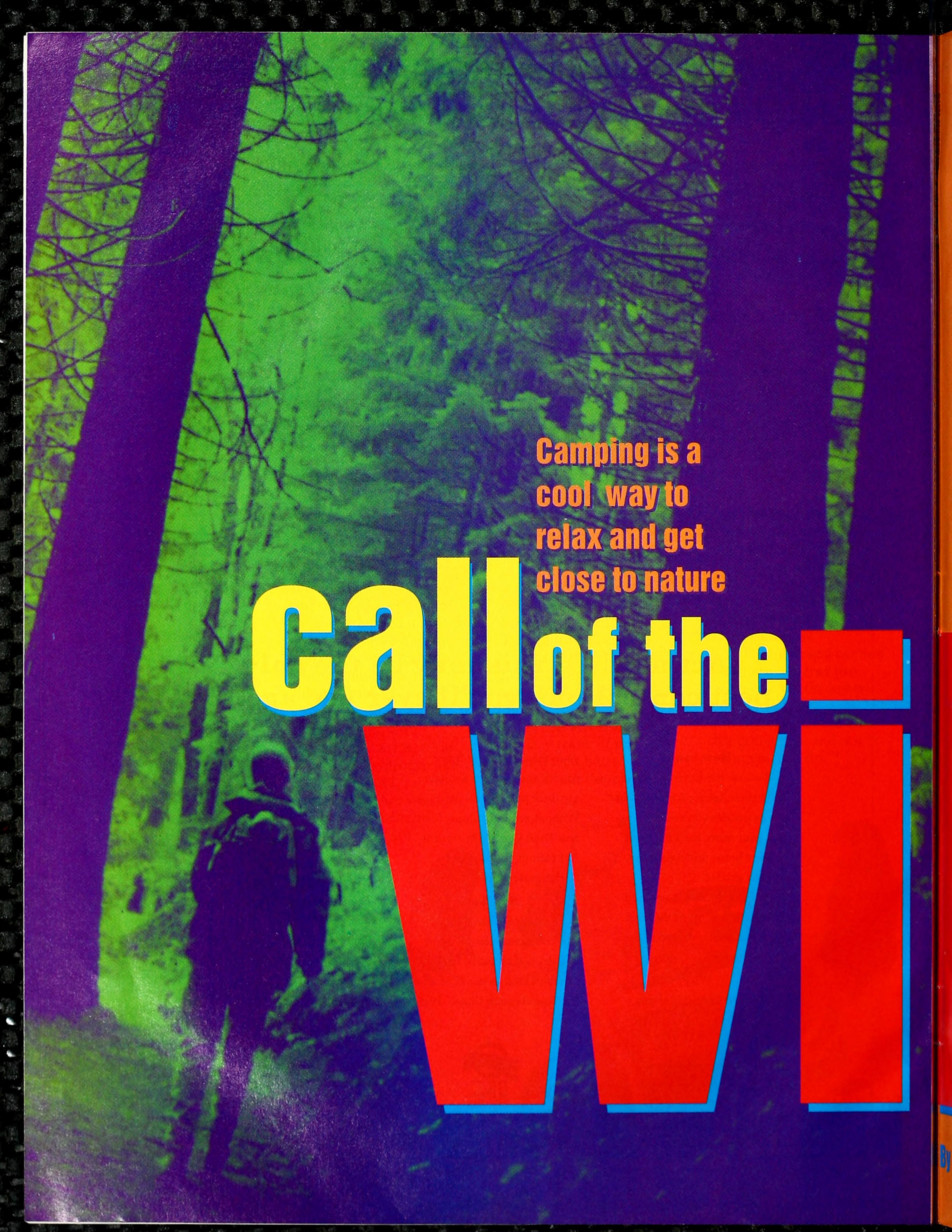
But camping in the true wilderness requires planning . . . and experience. There's a big difference between car-camping, where you can throw everything you'll need into the trunk of your vehicle and sleep within walking distance of your stash; and overnight backpacking, where you must plan ahead and carry all

of your food, gear, and emergency provisions into the woods with you.

Still, whether you're interested in the sleeping end of a five-month journey along the Appalachian Trail, or merely want to string up a tarp and curl up in a bag in your own backyard, camping by any means is a fun way to get out and enjoy the "call of the wild."

If you plan to go hard-core outdoor, a professional course may be in order. Both the National Outdoor Leadership School (307-332-6973) and the Colorado Outward Bound School (800-477-2627) offer courses in backcountry travel and camping for people of all levels of experience. For information on the "Leave No Trace" camping principles, call 800-332-4100.

The Outdoor Recreation
Agricultural Proficiency Award
Program is sponsored by
CHEVY TRUCKS, O.F. Mossberg
and Sons, Inc. and Schrade
Cutlery as a special project of
National FFA Foundation, Inc.



is a pro. In fact enrolled last far electrical engine major at the Mass far had man pitch his tent in ent states.

ent states.

"I've been control of my life,"
Montello, Wisser Chapter membre calls spending cant portion of hood following and nature-human around the control of their pop-up control of the only type control of the only type of

These days, eith attends c ranks out term ke any other so ontinues to get most every we "I've been camping all of my life," admits the Montello, Wisconsin, FFA Chapter member, who recalls spending a significant portion of his child-hood following his traveland nature-hungry parents around the country in their pop-up camper. "It's the only type of vacation I can remember."

These days, while Keith attends classes and cranks out term papers like any other student, he continues to get outside almost every weekend when he heads home to Lake Kilby to help his now-settled parents manage their own campground.

With all of this outdoors experience—as a
camper and as one providing campsites to others—
it should come as no
surprise that Keith is a
1997 National FFA Proficiency Award winner in
Outdoor Recreation.

Pick your style

Camping is a great way to not only get outside, but to get away from everyday worries and routines. And according to Keith, anyone can do it. "You have every different type of camper out there," he says, "and every different type of campground."

Those who prefer paddleboats and an arcade within walking distance of their tent or vehicle can

Camping Basics

Before you set up camp, be prepared and know the rules. If you're not camping at an established public site, find out who owns and manages the land and whether there are any special regulations. Campfires are often illegal; check before you build one. Finally, practice "Leave No Trace" camping so that the next group near your site doesn't know you've been there. It's nice to think that you're the first person to set foot in a wilderness setting.

Don't head for the hills without the following essentials:

Tent: waterproof and flame-retardant

Cookstove: compact; adjustable flame for easy cooking

Cooking set: lightweight and stainless steel

Sleeping bag: warm enough for chilly summer nights

Sleeping pad: foam or air-filled for insulation

First-aid kit: especially if you're camping in a remote area

Extra clothing: lightweight and warm layers

Miscellaneous: flashlight, map, compass, travel-sized games

stay at an established "luxury" campground; while, on the other end of the spectrum, those that seek only mountain streams and starry skies can shoulder their packs and take to the woods.

"It all depends on what you're going to camp for," says Keith, explaining that even his family's oncebasic campground has evolved over the years to now offer both a pool and a whirlpool to its patrons. Yet with all of the various versions of camping from which to choose, Keith knows for sure which style he likes best: "If you ask me," he says, "I'd take 40,000 acres of nothing. I'd rather go out, kick back, and have the woods and the mountains."

But camping in the true wilderness requires planning . . . and experience. There's a big difference between car-camping, where you can throw everything you'll need into the trunk of your vehicle and sleep within walking distance of your stash; and overnight backpacking, where you must plan ahead and carry all

of your food, gear, and emergency provisions into the woods with you.

Still, whether you're interested in the sleeping end of a five-month journey along the Appalachian Trail, or merely want to string up a tarp and curl up in a bag in your own backyard, camping by any means is a fun way to get out and enjoy the "call of the wild."

If you plan to go hard-core outdoor, a professional course may be in order. Both the National Outdoor Leadership School (307-332-6973) and the Colorado Outward Bound School (800-477-2627) offer courses in backcountry travel and camping for people of all levels of experience. For information on the "Leave No Trace" camping principles, call 800-332-4100.

The Outdoor Recreation
Agricultural Proficiency Award
Program is sponsored by
CHEVY TRUCKS, O.F. Mossberg
and Sons, Inc. and Schrade
Cutlery as a special project of
National FFA Foundation, Inc.



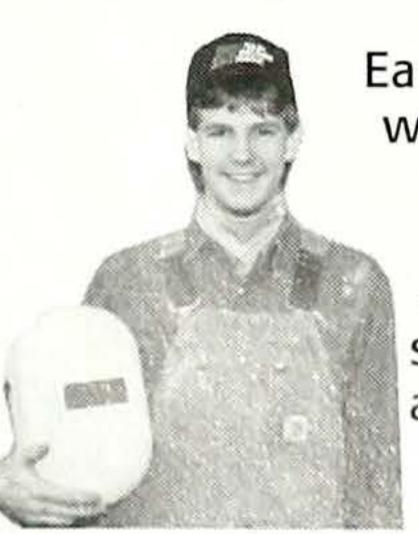
By Chris Hayhurst

Hats off to the members of the Moorefield, West Virginia, FFA Chapter! After sending in more "What's Hot/What's Not" surveys than any other FFA chapter, we officially bestow upon them our "Hot Chapter" award for the May/June issue of FFA New Horizons. Congratulations!

Don't forget to fill out the "What's Hot/What's Not" survey on page 22. The FFA chapter that sends in the most completed surveys will be recognized in our next issue!

market place market place market place market place market place market place

Become a Professional Welder!



Earn good money with a rewarding career. High School grads attend from 23 states. Financial aid for qualified students. Lic. by OBPVS

Aaron C. Leier, FFA-North Dakota

Seniors call for free Welding Video:

TULSA WELDING SCHOOL

3038 Southwest Blvd. Tulsa, Oklahoma 74107

American Royal 1998 Student Ambassador Program

\$30,000 in Scholarships

- \$5,000 1st Place Scholarships
- Paid Summer Internships
- \$2,500 2nd Place Scholarships
- \$1,000 3rd Place Scholarships

QUALIFIED APPLICANTS MUST BE:

- 18 years of age or older and single
- Enrolled in an accredited college or university in an agriculture-related field of study
- First-place winners must be prepared to stay in Kansas City one week after award presentation until November 22 and return the following summer for the eleven-week internship program.

For an application and more information, contact the Student Ambassador Coordinator c/o American Royal Association, 1701 American Royal Court, Kansas City, MO, 64102, or inquire via e-mail to amroyal@aol.com.

school policy

No smoking

No gum

after school activity

Basketball

Homework

career in agriculture

Farming

Manure spreader

career outside agriculture

Teacher

Lawyer

beverage

Mountain Dew

Surge

school lunch item

Pizza

Hamburger

road trip destination

Kansas City

Florida

subject in school

Agriculture

English

person in history

George Washington

Adolf Hitler

Animal lovers!

Home study prepares you for great jobs in animal care and veterinary assistance.

Free literature: 800-223-4542

Name ______Age ____
Address _____Phone _____
City/State _____Zip ____
School of Animal Science, Dept. CCF634

PCDI, 6065 Roswell Road, Atlanta, GA 30328



SAVAGE ARMS



- 10 Shot Detachable Clip Magazine
- 20¼" Button Rifled Barrel
- Length: 40" Weight: 5½ Lbs.

MARK II-G "REPEATER" RIFLE

- Bolt-Action 22 LR Repeater
- 10-Shot Detachable Clip Magazine
- 20¼" Button Rifle Barrel
- Length: 40" Weight: 5½ Lbs.

www.savagearms.com

Left-hand models available in Mark I-GL and Mark II-GL (Not Shown).



SPECIFICATIONS
Thumb operated rotary with red dot.
Adjustable open rear. Bead front.
Monte Carlo style hardwood stock.
Dovetailed for scope mounting.

For information on Savage firearms or Savage's full line of shooting ranges and accessories, contact Savage Arms/Savage Range Systems Inc. 100 Springdale Road, Westfield, MA 01085



Class/subject in school
Person in history
School lunch food item
Road trip destination
School policy
After school activity
Career in agriculture
Career outside agriculture
Novel
Weekend adventure
Sport to watch
Sport to play
Pro baseball team
Beverage
Type of music
Class/subject in school
Person in history
School lunch food item
Road trip destination
School policy
After school activity
Career in agriculture
Career outside agriculture
Novel
Weekend adventure
Sport to watch
Sport to play
Pro baseball team
Beverage
Type of music

sendyourpicksto:

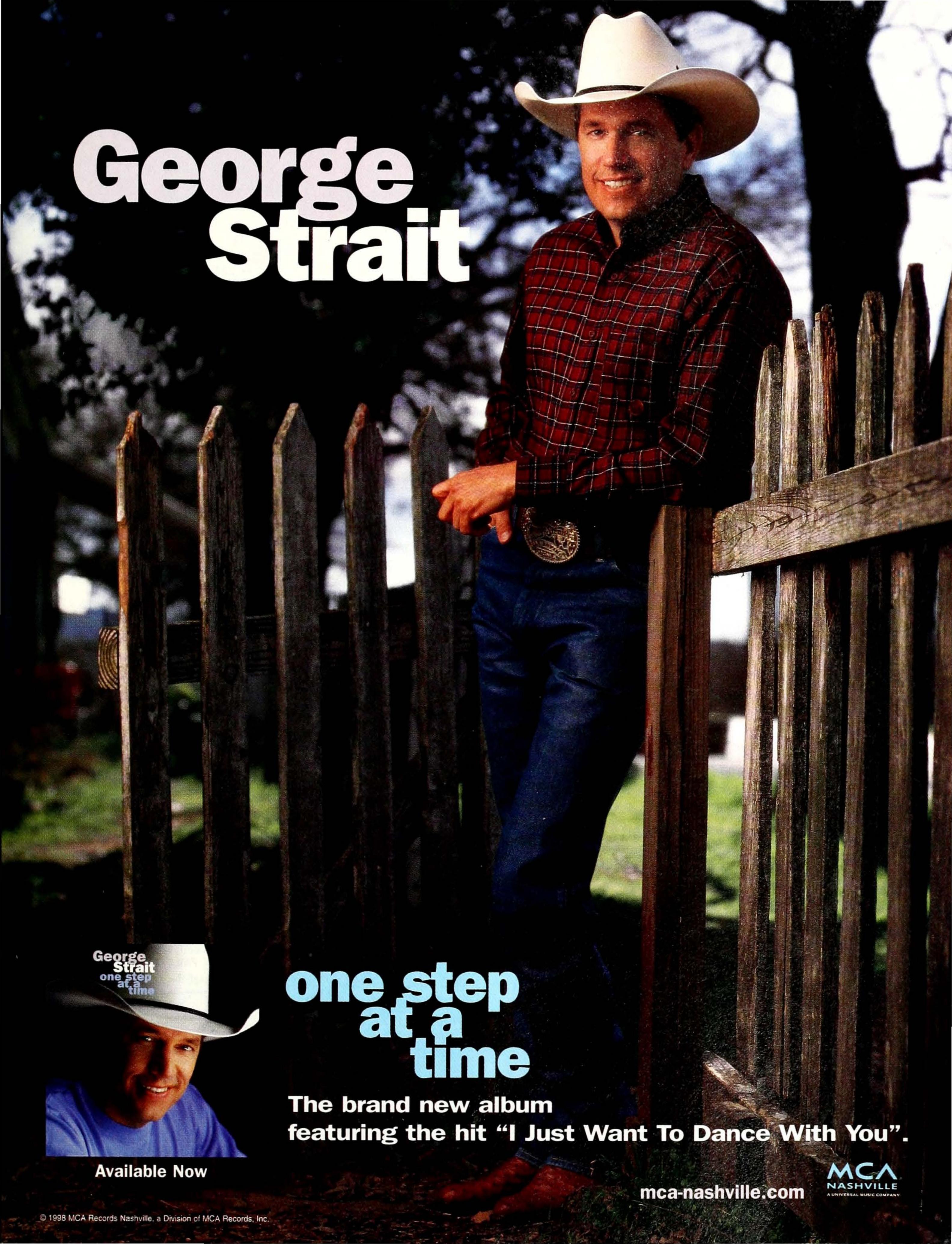
FFA New Horizons What's Hot

5632 Mt. Vernon Memorial Highway P.O. Box 15160 Alexandria, VA 22309-0160

The FFA Chapter that sends in the most "What's Hot/What's Not" surveys will be recognized in our next issue

Name	
Address	
City/Town	
State	
Zip	
Diversi	
Phone	

Chapter





Q: Why did the sea monster eat three ships full of potatoes?
A: Because you can't eat just one potato ship.

Ariane Russell
Dover, Delaware

Q: What do you call it when you rub two oranges together?
A: Pulp friction.

RyanGaudreau

Killingly, Connecticut

Q: What do you feed an invisible cat?
A: Evaporated milk.

Stephanie Palmer

Hemet, California

Q: What happens when oxen bump into each other?
A: They have an oxident.

AngieLay

Omak, Washington

Q: How many FFA members does it take to screw in a light bulb?
A: None. They're so bright they light up the room.

JaimePaulson

Cambridge, Wisconsin

Q: Why did the chicken cross the road?
A: To prove to the armadillo that it was possible.

JoshuaHerman

Magazine, Arkansas

Q: Why did the projector blush?

A: It saw the film strip.

BertMoreno

San Simon, Arizona

Q: Why do cemeteries have locked gates?
A: People are dying to get in.

Darlene Lamont

Grantsville, West Virginia

Q: Why did the man with vertigo stop at the bank?
A: To get his balance.

Jennifer Cudworth

West Plains, Missouri

Q: What kind of horse always has change?
A: A quarter horse.

MatthewLail

Staunton, Virginia

Q: The Trix Rabbit,
Toucan Sam, and Tony
the Tiger are dead. What
do the detectives think?
A: It's the work of a
cereal killer.

ChrisMullan

Santa Rosa, California

Q: What did the donut say to the loaf of bread?
A: If I had as much dough as you, I wouldn't be hanging around this hole.

Richie McClerkin

Hickman, Kentucky

FFA New Horizons will pay \$5.00 for each joke selected for Last Laff. In case of duplication, payment will be for the first one received.

To submit a nomination for "FFA Stars," tell us why you think you or your nominee is an "FFA Star." You must also include the following: color photo, name, address, phone number, chapter and birthdate of nominee, as well as your name and phone number (if different).

Jokes and nominations for "FFA Stars" must be addressed to:

FFA New Horizons
5632 Mt. Vernon Memorial
Highway P.O. Box 15160
Alexandria, VA 22309-0160

Contributions cannot be acknowledged or returned.

Agrinuts by Jim Bradshaw and Michael Bettendorf





OUI. AND WHEN I GET BACK,
I'II BE SPEAKING FRENCH ALL
THE TIME AND YOU WON'T BE
ABLE TO
UNDERSTAND
A WORD I'M
SAYING.





At home on the range

Whether you're putting up fence, loading feed, or just keeping the old homestead trimmed and fit, a New Holland Boomer™ compact tractor is the ultimate power tool. The quick-attach front loader slips on and off easily, without tools, and a wide array of hard-working attachments make sure Boomer earns its keep every day.

And Boomer's so easy to get along with. The sloped hood gives you an incredible view of the loader,

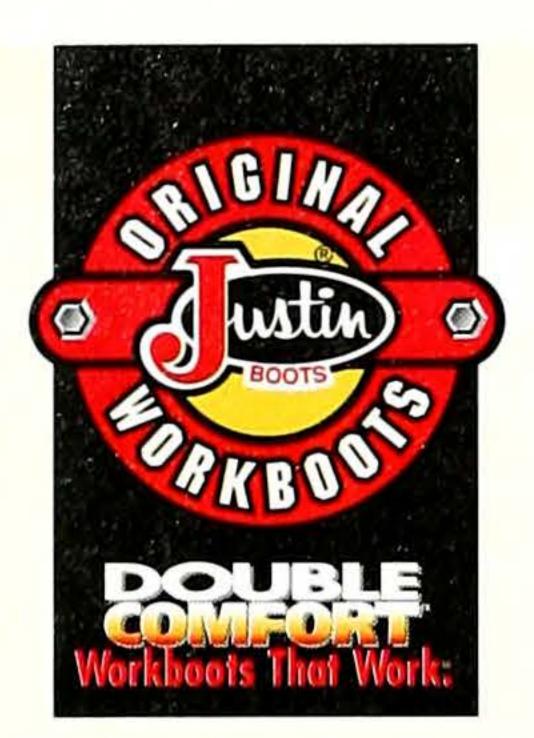
and it flips up, out of the way for total access to the engine. As for comfort, the seat is fully adjustable and the steering column telescopes and tilts. You'll feel absolutely at home...on the range or in the corral.

Boomer. Twenty-five to thirty-four horsepower at your New Holland dealer. It's the ultimate

power tool.



BOOMER THE ULTIMATE POWER TOOL



For Women.





Technically, It's A Workboot...



...Really, It's Pure Pleasure.