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The NEBLINE, February 1993

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Lincoln students redefining the three R's: Reduce, Reuse, Recycle

What is waste? Where does it come from and where does it go? How does it affect our ground water? And, what can we do about it?

Lancaster County residents produce approximately 4.2 pounds of garbage per person, per day and much of it goes to the landfill. How can we save our resources from being landfilled? Approximately 2,400 Lancaster County second, third and fourth grade students are discussing these questions in two 4-H school enrichment programs, "Garbology" and "Water Riches."

Arlene Hanna, extension assistant, 4-H and coordinator of school enrichment programs, received financial support from a national 4-H grant. Nebraska Department of Environmental Control, City of Lincoln Recycling Division, Lincoln Cooperative Extension, Lancaster County Clean Community System, Lincoln Center Kiwanis Club, Solid Waste Management, Inc. and University of Nebraska Cooperative Extension in Lancaster County. This project has become a part of the core curriculum of the Lincoln Public Schools’ science program.

"Water Riches" introduces the complexities of preserving one of our most precious natural resources——water. Arlene Hanna’s demonstrations with a ground water flow model, helps students become aware of what ground water is. Please turn to The 3 R’s: page 7

Laura Tegemeyer, teacher at Prescot Elementary, shows students how a properly constructed landfill prevents leaching of materials into the ground water.

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Office Hours:
8 a.m. to 4:30 p.m., Monday - Friday
**Yellow-bellied sapsucker can inflict damage on trees**

A type of woodpecker called the yellow-bellied sapsucker drills regularly spaced holes in the trunks of certain trees. They are at least two to three inches across and feed on the sapsucker. The bird's namesake, its enough to cause other problems. To discourage the sapsuckers. To with any insects that happen to be trunks, like other woodpeckers, white, star-shaped blooms. However, please drought tolerant annual that thrives be dotted with many holes.

**How to clean houseplants**

Washing the dust off your large-leaved houseplants can improve both their looks and their growth. Polishing, however, can damage them. A midwinter cleaning of dusty houseplants opens leaf pores so that plants can breathe properly and removes dust-catcher surface films that may be partially block-light falling on the foliage. And, of course, it makes the plant look home gardeners who want to make quick quality grapes need to come to a winery with some fruit intimidating: pruning. Pruning is an important cultural practice in the management of grapevines. Pruning must be done each dormant season, and it directly influences yield, fruit quality, vine vigor and hardiness. Failure usually results in a vine that sets much more fruit than it can mature and may incline the vine to winter injury. In the fall, vines mature their fruit crop, mature their wood for overwintering and store carbohydrates for spring growth. Because there is no long period after harvest during which vine physiology can shift from producing fruit to preparing wood and storing energy, the vines are doing all three at once. And a vine that is trying to ripen too many fruits won't be able to manage its other tasks. The results often include fruit that either doesn't ripen at all of poor quality, and reduced winter hardiness. Proper pruning, on the other hand, limits fruit production to quantities the plant can handle. If the crop is too heavy, use a procedure called balanced pruning. Using formulas develop-origin and applications, leaves often contain a certain number of buds for each pound of one-year-old cane prunings removed. This hones the fruit productivity of the vine, with its vegetative productivity as it controls fruit growth and maturation.

**Unusual vegetables for adventurous gardeners**

These vegetables are not for every gardener, but if you would like to try something different, grow a few or all of these.

**Cardoons**

This relative of the globe artichoke is a big ornamental with deep purple flowers. A variety is grown for its young leaf stalks, which are blanched. Plant the seeds 1 to 2 inches apart. In September, tie the leaves together in a bunch with paper or burlap and mound up the soil to Blanch the leaf stalks. Cut off the Blanching plants below the crown and trim off the outside leaves. Cut the heart into sections and simmer for an hour. Dress with oil and vinegar and serve chilled, or serve warm with butter or white sauce. The stalks can be deep-fried or deep-fried until crispy.

**Prune grapevines annually to produce better grapes**

Home gardeners who want to grow high-quality grapes need to come to a winery with some fruit intimidating: pruning. Pruning is an important cultural practice in the management of grapevines. Pruning must be done each dormant season, and it directly influences yield, fruit quality, vine vigor and hardiness. Failure usually results in a vine that sets much more fruit than it can mature and may incline the vine to winter injury. In the fall, vines mature their fruit crop, mature their wood for overwintering and store carbohydrates for spring growth. Because there is no long period after harvest during which vine physiology can shift from producing fruit to preparing wood and storing energy, the vines are doing all three at once. And a vine that is trying to ripen too many fruits won't be able to manage its other tasks. The results often include fruit that either doesn't ripen at all of poor quality, and reduced winter hardiness. Proper pruning, on the other hand, limits fruit production to quantities the plant can handle. If the crop is too heavy, use a procedure called balanced pruning. Using formulas develop-origin and applications, leaves often contain a certain number of buds for each pound of one-year-old cane prunings removed. This hones the fruit productivity of the vine, with its vegetative productivity as it controls fruit growth and maturation.

**Parsnips**

Parsnips have a nutty flavor. Seeds are slow to germinate, taking 5 to 25 days. The roots Blanch deep to 18 inches in 100 days. Parsnips should be parsley in their skins, then peeled and served steamed. mashed, cooked parsnips can be shaped into round cakes and fried. And mashed parsnips to a roast. They can also be cooked with a brown sugar glaze.

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**Florenc Fennel**

This is a variety of the common fennel that is grown for its bulb-like base. Plant in the spring and space six inches apart. Pull the plant from the ground when the fleshy base measures three to six inches long. Do not separate the overlapping leaf stalk until ready to use. The stalks can be eaten raw or you can cut the stalks into slices, boil in salted water and serve with butter.

**Rollettes**

This root has found its way into cuisines around the world. Start it from cuttings. Set the small end to three inches below the soil surface. Space 2 inches apart.

**Salsify**

The flavor of the salsify root The flavor of the salsify root can be slightly sweet. Can you feed the salsify root to a roast? You can also be cooked with a brown sugar glaze.

**Sorrel**

Sorrel is a perennial green used perfect for roast pork. But if you would like to try something different, grow a few or all of these.

**Parsoni**

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Alfalfa sellers: Beware of unscrupulous buyers

As in past years, a number of unscrupulous buyers have victimized Nebraska alfalfa producers this winter. These buyers often use simple steps to protect themselves from such buyers, who want to buy the safest, most transportable alfalfa.

One common technique these buyers use is to establish a false identity (usually a distant site), then claim the load was rejected at its destination. These buyers also claim to have come from home with no money and an expensive return trip if they want the alfalfa. The seller who produces prime quality alfalfa often is forced to sell the hay near the original destination just to pay the transportation costs. A second technique involves the buyer paying for one load to establish credibility. The buyer then orders several more loads for delivery. Low prices and payment of the loads with a check that will arrive the next day. Neither the last truck nor the check ever arrives. Again, the seller has no way to recover the hay. However, growers can protect themselves.

Never sell hay based on approval up-front. Always obtain a commitment from a new, unproven customer. Once the hay is gone it's nearly impossible to get back paying the hay at the farm. An honest customer will understand this is a legitimate request and will work with the seller.

How are Nebraska swine producers doing?

Data obtained from the Nebraska Swine Enterprise Records and Analyses Program indicate that the major difference between the high and low profit producers was in the cost and use of feed. (Table 1). Feed costs for the low profit producers continue to be 24.90 percent of crop produced higher. This is primarily due to poorer feed efficiencies and increased pricing of feed. The second major factor, with the high profit producers paying approximately four pigs more per sow per year than in the low profit category.

Table 1. Selected Income for Narrow-Finish enterprises.

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<th>Item</th>
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Many alfalfa growers are looking for alternatives to market their crop. Although local sales within the state are always possible, many producers market alfalfa outside of the state. Indeed, if producers grow high quality alfalfa, harvest it in a timely fashion, and market it in a timely portable package (usually small or large squares), then they will have access to markets to obtain top dollar returns for their product.

The value of NAMA membership is manifold. NAMA is not simply a listing of alfalfa growers. NAMA provides information and services that producers would find cost prohibitive as an individual. NAMA holds annual meetings and market Nebraska alfalfa by amending trade shows across the nation. The purpose is to provide the out-of-state alfalfa buyers aware that good hay is available in Nebraska that this hay may be of higher feed value and/or more competitively priced than the hay they are purchasing at home. In addition, the NAMA staff and members help each other with the latest information on hay equipment, truck lines and shipping. NAMA also provides the market area and tips on production, harvesting and storage methods.

NAMA will provide information on how to reach alfalfa growers who are not yet members. It is valuable to share the information with prospective buyers around the country.

The Nebraska alfalfa Marketing Association (NAMA)

NAMA holds an annual meeting and producers’ seminar which provides growers with advice that will make alfalfa a more profitable part of their farming enterprise. The Nebraska Alfalfa Marketing Association will hold its 32nd Annual Conference on February 2 and 3, 1993, in Kearney, Nebraska. For more information, contact Ward Shires, extension agent University of Nebraska Cooperative Extension Service, 201 Center Street, Kearney (402-773-2410) or (402-622-8180).
Avoiding colds and the flu bug

It is difficult to avoid getting a cold or the flu bug you can stay in a totally sterilized environment and keep everyone else out. Germs are so small you cannot see them with the naked eye. But they live around us every day.

Survive best in the following environments:
1. warm, (moist), 3 dark, (4) food
However, germs can live on dry surfaces in the light for hours. In ideal conditions bacteria can double in only 20 minutes. Avoid spreading germs or letting them grow by:
• Killing germs with: heat, sunlight, dryness, sanitizers.
• Keeping eating utensils and kitchen table clean.
• Adding a disinfectant or chlorine to the wash water and use an antibacterial soap.
• Avoiding coughing or sneezing

Choosing between plastic or paper

In almost all cases, unbleached paper or plastic bags are a second, time, for wastebasket liners, for gardening uses, for storing items or as a storage during travel. Some stores may accept used bags or boxes for recycling. Use cloth or other bag as an alternative to plastic. Consider the amount space of each bag or item from the time it was created raw materials they take and final disposal within your household.

Paper bags, on the other hand, take up much more of the space of an equal number of paper bags, which can be reused for mailing wrap, art projects or paper. They are recyclable in some communities.

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Body Image: What You Weigh or What You Wear

*Learn if your weight is "healthy", how self-esteem affects body image, and clothing choices that will enhance your body image.

Time: Saturday, February 28, 9:30 a.m. to noon
Fee: No charge for 4-H clubs or independent members; $5 per group for other youth organizations; adult-youth combinations, or adult attendants alone; $3 per youth attending alone.
To register: call 441-7180 by Friday, February 12. Groups or adult-youth combinations should be registered by one member of that group. Please bring: bring $4 for 4-H club or independent member when registering. For more information, call Alice Henneman.

Once-A-Month Cooking

Using the once-a-month cooking plan, you can reduce mealtime stress with your own heat-and-serve pre-prepared main dishes.

Time: Monday, April 19, 7 - 9 p.m.
Fee: $12
To register: advance registration and payment of class fees by April 13. Make check payable to Lancaster County Extension and send to: University of Nebraska Cooperative Extension in Lancaster County; ATTN: Alice Henneman; 444 Cherry creek Road; Lincoln, NE 68528-1500.

Food, Nutrition and Food Safety Update '93 for Child Care Centers

Four hours of educational credits, approved by the Nebraska Department of Social Services and Nebraska Department of Education, for child care center directors and cooks.
Time: One class, Wednesdays, April 21 & 28, 1 - 3 p.m.
Fee: $10
To register: advance registration and payment of fees by April 14. Call 441-7180 for a registration form or for more information.

Craft Marketing Workshop

Millions of Americans make beautiful and useful handcrafted objects, made from Chlosterley Vinyers, that can be sold or used by themselves or others.

Time: Saturday, April 28, 9:30 a.m. - 3:30 p.m.
Fee: $20, includes lunch
To register: Advance registration and payment of fees by April 16. Call 441-7180 for a registration form or for more information.

More information on these February workshops in related articles.

Sex after sixty

A recent report indicates that couples frequently have satisfying sexual relationships past 60 years of age, despite popular images in our culture of seniors as being sexually onlookers, or as frowns upon senior citizens’ love lives. Seventy percent of older couples who participated in a national telephone survey said sex is a “strong bond for marriage,” 16 percent of those over 60. In 1967, 1770 said they sex more than once a week. The quality sex the bed held up over the years, too. Many subjects from each age group said that they have sex at least once a week, are very much into each other mutually undressing, and make love outdoors. More than 90 percent of those over 60 who make love at least once a week say that their spouse is attractive — a higher proportion than people under 60. While pervasive opinion frowns upon senior citizens’ passion, they are having the last laugh, because they continue to find pleasure despite pressures against them.
Choosing the right camcorder

One of the most crucial gifts or family presents today, for those who can afford it, is undoubtedly the camcorder. If you're shopping for a camcorder for home use, you'll find prices range from comfort to price.

To be comfortable for most successful use, a camcorder must feel good in your hand and have components that are easy to use. Once you've narrowed the choices, you can choose which are comfort and price.

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The Nebraska Wheat Board is again sponsoring Bake and Take Days to promote wheat products. This annual event is an excellent opportunity to share home-baked foods with friends, neighbors, shut-ins and the elderly.

The Nebraska Wheat Board stresses the fun aspect of Bake and Take, and emphasizes the time spent with recipients is as important as the bread or other baked product. Stickers and pamphlets will be available at the extension office after March 1st for organizations and individuals to include with their baked product. Please stop by and pick up the amount needed for your group.

In addition to your baked product, please include a little hug, a card with a few words of sympathy or laughter and you will have created a memorable moment for someone special.

Bake and Take Days to be held March 26-27

There are some gains from an early emphasis on achievement in sports, academics or the arts. But there is a need to recognize individual differences in rates of development and to leave some room for later bloomers. Early identification can lock a child's developmental assets such as a safe, secure home and quality of care, to a variety of stimulating experiences.

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Bake and Take Days to be held March 26-27

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Body image: do you see what I see?

Clothing choices can make you look up to 20 pounds heavier. Could it be that rather than a diet, you need some new lines and designs in your wardrobe? 4-H members, parents and leaders are invited to learn more about whether they’re at a “healthy” weight and the effects of clothing choices on body image at “Body Image - What You Weigh or What You Wear” on Saturday, February 20, 9:30 a.m.–noon. This exciting workshop is free to 4-H clubs and independent members. The workshop will be particularly helpful for 4-H members enrolled in Clothing Level 2, Challenging Patterns, Challenging Fabrics, Teen Shopping Smart or Fit It All Together II, I, or III. You’ll learn how to determine if your weight is healthy; tips on using clothing lines, color, fabric selection and other ideas to flatter your body shape; clothing choices to wear while changing weight, and how body image affects self-esteem. The topics may help when selecting an item that will be exhibited at the county fair. Perhaps you are looking for additional lessons or presentation ideas for a 4-H meeting. The workshop focus may simply be a personal interest of 4-H youth. Parents and adults. Whatever your reason to attend, your time will be well spent! Alice Henneman, extension agent and registered dietitian, and Kristi Robertson, home economics student at the University of Nebraska-Lincoln, will lead the workshop.

4-H clubs and independent members are encouraged to come with their parent(s) and/or 4-H leader(s). A 15-page reproducible handout is included with each club or independent member registration. Pre-registration is requested by Friday, February 12, by calling 441-7180. Clubs should be registered by one member. Please identify yourself as a 4-H member or leader, or a 4-H parent when registering your club. If you have further questions, call Alice Henneman at the office. (MHB)

Special "helps" for 4-H projects

If you are enrolled in the 4-H clothing projects this year, there are new "help" resources to assist your progress. 4-H members in Clothing Level 2, Challenging Patterns, Challenging Fabrics, Teen Shopping Smart and Teens Shopping Smart will enjoy the Body Image Kit. This kit contains activities and a full outline for a presentation on the effects of clothing choices on body image. (See "Body Image" article for more information)

4-H members who have completed Challenging Patterns and Challenging Fabrics may decide to try the 4-H Tailoring project this year. A kit on pattern choice, fabric samples and tailoring resources may be checked out at the Lancaster County office. The Textiles, Clothing and Design Department of the home economics college, at UN-L, will also loan out an extensive tailoring kit. Call the extension office for more details about any of these kits.

“The Spotlight is on You”, a new modeling video, has been placed in the state’s video cassette library. This 15 minute video demonstrates presentation skills, modeling, grooming and nutrition education. Produced by McCall Patterns, it is designed to assist youth in developing self-confidence and self-esteem. A leader’s guide filled with activities comes with the video. Order this good resource video by contacting Betty Castell at 472-3035. (MHB)

Rabbit Clinic and Judging Contest set for February 27

4-H members enrolled in the rabbit project will want to head for Omaha on Saturday, February 27. That’s the date for the Pak 10 (Quad County) Rabbit Clinic and Judging Contest to be held at the Dousman County Extension Office.

The day will be packed with activities beginning with workshops on handling and inspection of rabbits, recognizing health problems, rabbit evaluation, nutrition, grooming and more. Adult lunch, 4-H members will judge four classes of rabbits and give oral reasons to the judges.

Presentation of awards will close the afternoon. If you’re interested and want more information, contact Dave Swarts. (DS)

SCHEDULE OF ACTIVITIES

8:45 - 9:00 a.m. Registration
9:00 - 9:30 a.m. Youth - Camp Fun & Games by Eastern Nebraska 4-H Center Counselors
Adults - Experiential Learning Experience hands-on, hands-on activities which help youth enhance their critical thinking skills — and have fun. Presenter: Arlene Hanaa, extension assistant, 4-H

9:40 - 10:30 a.m. Session A - Select one
Fun Ideas For After School Snacks Make and eat some tasty snacks which you’ll be able to create at home yourself. Presenter: Lorene Bartos, extension assistant, home economics
Creative Gift Bags And make your own personal touches as you create gift bags for your friends and family. Presenter: Joyce Vahila, 4-H volunteer
Bugs! Bugs! Bugs! Identify and mount insects and learn more about the 4-H entomology project. Presenter: Buzz Vance, 4-H volunteer

10:40 - 11:30 a.m. Session B - Select one
BLAST OFF!! Learn important tips which will help you “launch off” a successful rocketry project! Presenter: Bill Pugsley, 4-H volunteer

Twiw Wreathe Table Place Bug for spring by designing your own table wreath including red, yellow and pink silk flowers. Presenter: Vicki Cunningham, master gardener and third year floral design student. An additional $2 will be charged for each participant at the beginning of the class.

Environmental Grab Bag How do people fit into the scheme of life on earth? Transform a human figure into a beaver, test water and try to avoid extinction as you see how our actions impact the environment. Presenter: Ian Hygros, extension assistant, 4-H environmental education

11:30 - Noon Lincoln High Rap Group Lincoln High rappers will share positive messages through rap about how to keep your bodies and minds healthy!

HOSTS-ON HANDS-ON

SATURDAY, MARCH 6, 1993
9 A.M. - NOON
LANCASTER EXTENSION CONFERENCE CENTER
444 CHERRYCREK ROAD
LINCOLN

REGISTRATION

Register now! A form is needed for EACH PERSON. Please contact the extension office (441-7180) for additional registration forms or feel free to duplicate the attached form. Mail this form and $6 (supply fee) per person to: University of Nebraska Cooperative Extension in Lancaster County, 444 Cherry Creek Road, Lincoln, NE 68502-1507. Sorry, no phone registrations. Make checks payable to Lancaster County Extension. Call 441-7180 for more information. (MHB)

1993 4-H WORKSHOP REGISTRATION
SATURDAY, MARCH 6, 1993
9 A.M. - NOON

NAME

ADDRESS

YOUTH $5 ADULT (ATTENDING) $5 YOUR AGE: ADDITIONAL ADULT (ATTENDING AT THEIR SESSIONS) $5 JUNIOR LEADER (ASSISTING ONLY) NO CHARGE AGE NO CHARGE 

DAYTIME PHONE ZIP CODE

FOR EACH SESSION
MARK 1 FOR YOUR CHOICE MARK 2 FOR SECOND CHOICE

SESSION A
SESSION B

SNACKS BLAST OFF!!

GIFT BAGS

WREATH

BUGS!

ENVIRONMENTAL

CURRENTLY AVAILABLE FOR LIMITED RESOURCE FAMILIES.

PRESENTATION DUE. REGISTRATION DUE BY FEBRUARY 26, 1993. MAKE CHECKS PAYABLE TO LANCASTER COUNTY EXTENSION.
Swine

Farrow to feeder pig enterprises realize high reproductive rates, as indicated by number of pigs weaned per sow per year (Table 2). In addition they use facilities more efficiently as indicated by number of pigs weaned per crate per period (six months). The high profit producers, while having a higher investment in fixed costs, use this investment in facilities to their advantage, resulting in less labor per pig, more pigs sold per sow farrowed and more profit to the swine enterprise.

<table>
<thead>
<tr>
<th>Item</th>
<th>Average</th>
<th>High</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of pigs</td>
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<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Prooffeed pork produced</td>
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<td>$6.66</td>
<td>$4.23</td>
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<tr>
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<tr>
<td>Total variable cost per pig produced</td>
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<td>$16.61</td>
<td>$10.33</td>
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<tr>
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<tr>
<td>Average cost of disinfect</td>
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<tr>
<td>Prooffeed pork produced, lb</td>
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<tr>
<td>Production of feed pig sold</td>
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<tr>
<td>Profit of feed pig sold</td>
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<td>2.55</td>
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</tr>
</tbody>
</table>

**Table 3.** Selected items for feeder pig finishing enterprises.

**Weeds From Page 3**

and the Weed Control Authority is contracting for spraying in the spring and fall. Landowners with leafy spurge and Canada thistle infestations were very cooperative and almost all known infestations were controlled. All City County, and State agencies responded well to noxious weed control.

**The 3 R's**

how it is stored underground, where it comes from -- where it goes, and how it is affected when we pollute. Youths measure the percolation rate of four varieties of soil and begin to understand infiltration. They build a condenser, plant a terrarium and test water. From learning about leaching and how soluble materials get into the ground water to determining ways to manage our water supply, youths learn how they affect this natural resource. Ultimately, “Water Riches” solicits each student's commitment to preserve and conserve water, both in quality and quantity.

Youngsters from Pyrtle Elementary show how much water we use, offer some tips on water conservation and identify how we can help prevent the pollution of water.

**Weed Uses**

A fire prevention message from the Southeast Fire Department: As spring is rapidly approaching, now is a good time for NEBLINE readers to get outside, breathe some fresh air, and check the address numerals on your house where it comes from -- where it goes. (1) If you have a curbside or roadside mailbox, place reflective numerals at least three inches tall on both sides of the mailbox. (2) Stay away from script-type lettering for address numbers, as this proves difficult to read, especially in bad weather or at night. (4) Use contrast colors. As an example, use black address numerals on a white house.

**Conservation Tips**

1. Take short showers.
2. Don’t let water run when you brush.
3. Don’t use the toilet as a waste can.
4. If you do leaky, fix it yourself.
5. Water your lawn.
6. Don’t fill the hot tub very full.
7. Use a broom instead of a hose to clean sidewalks.

**“Water Riches” is funded by** University of Nebraska Cooperative Extension in Lancaster County, ISCO, Olsson Associates and Lower Platte South Natural Resources District.

Future education plans include piloting “The Waste Stream”, a fifth-grade waste management project, with approximately 200 rural Lancaster County students in March, April and May of this year. Also, a curriculum highlighting source reduction is in the developmental stages. The goal of this program is to educate youth and adults about environmentally wise choices in shopping, resulting in source reduction and ultimately volume reduction of waste. This program is being funded cooperatively by the City of Lincoln Recycling Division and University of Nebraska Cooperative Extension in Lancaster County and will include leader orientation and leader check-out kits for 4-H clubs and other community organizations.

What impact are 4-H school enrichment projects having on the students of today? “Kids feel that they can have an active part in doing something -- that they can help in their own way”, comments Ms. Suhr, teacher at Holmes Elementary. “Students gain a better understanding of how they affect their environment.” (ALH)

**Stress From Page 5**

ing experiences is not the same as early over-involvement for a child or teen. Each child’s unique rate of development must be recognized, and parents must provide guidance or direction for that child’s development. And remember, some late bloomers did not turn out badly, among them Eleanor Roosevelt, Albert Einstein and Thomas Edison.

**Garden Gossip Hotline**

Program, Summer Camp Scholarships for ages 6 to 16, free garden seeds, employment assistance information, and opportunities to attend the Job/Back-to-School Fair. Additionally, Judy publishes a bi-monthly newsletter informing local town officials of funding opportunities for their communities.

Judy Adams is a good resource for the residents of rural Lancaster County. If you ever have a rural client in need of services, do not hesitate calling Judy at 471-4515. Not only is she a good resource, but she can also send you a booklet published by LAP outlining all of the services available in rural Lancaster County.

**From Page 1**

Students at Brownell Elementary use screens to make recycled paper.

Adam Root, Sandra Wong, Troy Smith, Kim Schiermann and Ryan Pettigrew of HamlOW Elementary in Waverly, discuss how pollutants dumped onto the land may leach into the ground water.
The NEBLINE

Extension Calendar

All programs and events will be held at the Lancaster Extension Conference Center unless otherwise noted.

February 1
4-H Beef VIPS Meeting .................................................. 7:30 p.m.
February 1 & 2
55 Alive Mature Driver Course ..................................... 10 a.m. - 2:30 p.m.
February 3
Private Pesticide Applicator Training - Seward County Extension Office, Seward ........................................... 1 p.m.
February 4
Chemigation Training - 4-H Building, York ....................... 9 a.m.
February 5
Eastern Nebraska Grain Sorghum Seminar: Marketing Your Product .................................................. 8:30 a.m. - 3:30 p.m.
February 6
1993 Nebraska State Habitat Meeting - Mid-Town Holiday Inn, Grand Island .............................................. 8 a.m. - 3:30 p.m.
Mare and Foal Management Workshop - Animal Science, UNL East Campus ......................................... 9 a.m. - 4 p.m.
February 7
Private Pesticide Applicator Training - Veteran's Memorial Bldg, Basement, Wahoo ............................................ 7 p.m.
February 8
Critter Sitters 4-H Club Meeting ........................................ 7 p.m.
February 9
4-H Speech Contest Workshop ......................................... 7-9 p.m.
February 10
4-H Horse VIPS Meeting .................................................. 7 p.m.
February 11
Paws & Claws 4-H Cat Club Meeting ............................... 7 p.m.
February 12
Private Pesticide Applicator Training - Saunders County Extension Office, Wahoo........................................... 9 a.m. & 1 p.m.
February 13
4-H Club Officer Training .................................................. 9 a.m. - noon
Steam Team Club Meeting .............................................. 4 p.m.
4-H Beef Weigh-In ..................................................... 8 a.m. - noon
February 14
Teen Council Valentine's Day Party .................................... 2:30 p.m.
February 15
Body Image - What You Weigh or What You Wear? ........ 9:30 a.m. - noon
One County 4-H Rabbit Show - Syracuse Fair Center ........... 8 a.m.
4-H Horse Project Members Workshop - "Training to Win: Tools and Techniques" ........................................ 9 a.m. - noon
February 22
New Leaders Orientation-Part I ......................................... 9:30 a.m. or 7 p.m.
4-H Shooting Sports Club Meeting .................................. 7-9 p.m.
Critter Sitters 4-H Club Meeting ........................................ 7 p.m.
February 23
"Enhancing the Self: Your Clothing Image" Home Ext. Club Leader Training Lesson ...................................... 1 or 7 p.m.
Nebraska Microcomputer Conference, " Buyers Update" - Kearney Ramada Inn ........................................ 12:30-5 p.m.
Initial Commercial Applicator Pesticide Training - Nebraska Center, Lincoln
February 24
4-H Horse VIPS Meeting .................................................. 7 p.m.
Nebraska Microcomputer Conference, "Applications for Agriculture" - Kearney Ramada Inn........................................... 8:30 a.m.
February 25
Initial Commercial Applicator Training - Douglas County Extension Office, Omaha
February 26
Initial Commercial Applicator Training - Douglas County Extension Office, Omaha
February 27
Cost Effective Lawn Care .................................................. 10:30 a.m. - noon
PARK-10 4-H Rabbit Clinic & Judging Contest - Douglas County Extension Office ........................................... 8 a.m.
Private Pesticide Applicator Training - Saunders County Extension Office, Wahoo ........................................... 9 a.m.
March 1
Eastern Nebraska Ag Production Days - Weston
March 1-2
Urban Pest Management Conference - Comhusker Hotel, Lincoln
March 4
Chemigation Training - Dodge County Extension Office, Fremont .................................................. 1 p.m.
March 5
Eastern Nebraska Ag Production Days - Denton
March 6
Hands-On, Heads-On 4-H Event ........................................ 9 a.m. - noon
Capital Swine Producers Swine Show - Syracuse
Horsin' Around '93, Animal Science, UNL East Campus ........................................... 9 a.m. - 5 p.m.
March 7
Horsin' Around '93, Animal Science, UNL East Campus ........................................... 9 a.m. - 5 p.m.
March 9
4-H Sheep VIPS .................................................................. 7:30 p.m.
Chemigation Training - Saline County Extension Office, Wilber .................................................. 1 p.m.