



60455 U.S. 31 South * South Bend, Indiana 46614 * Telephone (219) 291-2300

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Editor: Rick Glassman
Beth Gushwa

COMPUTER SALE

The St. Joseph County Soil and Water Conservation District is selling a Tandy 4000 computer system. The computer is equipped with the following.

- Tandy 4000 HD/1M Ram, 3 1/2" Floppy Drive (1.44 MB)
12 Mhz
- 70 Meg Hard Disk and Controller Board
- One Megabyte SIMM Kit
- 80287 Math Co-Processor
- EGM - 1 Enhanced Graphic Monitor
- 1 Tandy Enhanced 101-Key Keyboard
- Deluxe Graphic Display Adapter
- Internal 20 Megabyte Disc Cartridge System
- 5 - 20 Megabyte Disc Cartridges
- 3 Serial Ports/1 Parallel Port
- Logitech Mouse & Driver
- MS-DOS 3.2
- Microsoft Windows 3.1

Sealed bids will be taken until September 15, 1993.

Bids will be opened September 20, 1993 at 7:00 p.m. Persons submitting sealed bids will have an opportunity to raise their bids on September 20 when the bids are opened. Highest bid will receive computer.



Viewing of computer will be by appointment only. Please call 291-2300 and ask for Beth to set up a viewing appointment.

THINKING ABOUT TREE PLANTING?

If you are pondering whether you want to plant trees or where to purchase tree seedlings to plant, the St. Joseph County Soil and Water Conservation District will try to answer all of your questions in just a phone call or better yet, just stop in and visit! The St. Joseph County SWCD is well on their way to making plans for their 9th Tree Sales Program. Order blanks for the upcoming tree sales program will be available in mid-October through March 1st.



This year, we will be promoting "Habipaks" and possibly groundcovers in addition to evergreens and deciduous trees. There will be four different "Habipaks" available for you to order: Homeowner's, Wildlife, Flowering Shrub and an Evergreen "Habipak". The "Habipacks" can be ordered all year long with trees being delivered in the spring and fall. The remaining species will be available in early April. Our tree sales program is open to anyone (no restrictions on location or purpose). Orders must be pre-paid, with discounts available for larger quantities. For additional information about our tree sales program, please contact the St. Joseph County SWCD at (219) 291-2300.



WETLAND RESTORATION

V.S.

WETLAND CREATION

As some of you may know, money is available to fund wetland restoration through different agencies. The major agency which is presently funded to do wetland restoration is the U.S. Fish and Wildlife Service.

However, the Agricultural Stabilization and Conservation Service (ASCS) will also fund wetland restoration on a limited basis. A wetland restoration involves returning an altered wetland to it's natural state or condition. This may involve discontinuing agricultural practices, eliminating drainage systems, or adding a more diverse plant community. In each area of the country, or even within a state, a wetlands natural state may be different. Plants may differ, animals may differ, size may differ, and depth of water may differ. The type of wetland funded is determined by topography, the kinds of wetlands originally



drained, and the kind of wetland that is in most need of restoration. In our area the priority has been given to restoring shallow wetlands. In contrast to deep water wetlands, shallow wetlands are only about 6" to 4 feet deep. In addition, most of the shallow water wetlands only hold water for a short time in spring. Therefore, they are not deep enough to support fish. Shallow water wetlands are designed to support dabbling ducks such as mallards and teals which can only reach food positioned down to 15 inches below the surface. Cattail marshes are a good example of the type of wetland that mallards prefer, which also serve as an excellent cover for nesting females. To restore a wetland the procedure usually involves removing a tile or blocking a ditch. Sometimes a dam is constructed to keep water out of neighboring fields or roads. In essence a wetland eligible for restoration is any low area or depression that is now tiled or drained and can support wetland vegetation.

In contrast to wetland restoration, wetland creation is much more difficult and complex. Creation of a wetland is the establishment of a wetland where wetland soils and /or plants have not existed before. Excavation to construct the basin is necessary and other measures have to be taken to ensure a water supply. The purpose of constructing these artificial wetlands differs slightly from natural wetlands, although they can achieve the same results.

Created wetlands are used to protect waterbodies from excess pesticides, nutrients, and sediment. Created wetlands are also used to treat wastewater and runoff from urban areas, from livestock production facilities, septic tanks, landfills, and cropland. At the present time the U.S. Fish and Wildlife Service and the ASCS Office is funding wetland restoration, and not wetland creation. Hopefully, in the future wetland creation will be funded as well.

If you are interested in restoring a wetland contact the U.S. Fish and Wildlife Service at 812-334-4261 or the ASCS Office at 291-7444.

SCHOOL PROGRAMS

The 1992-1993 School year was again a busy one for the District's Education programs. The District's programs are advertised through the Environmental Educator newsletter, which is distributed to the teachers of all six school districts and most of the private schools. (If you wish to receive this newsletter please contact the office at 291-2300). The teachers then make a reservation for the programs that they are interested in having presented in their classroom.

Totals for 1992-1993 programs were 603 programs presented, with over 21,000 student attending these programs. Programs were presented in all school districts with South Bend Community School District receiving 42% of the programs. Penn-Harris-Madison - 21%, Mishawaka School District - 7%, John Glenn School District - 7.9%, New Prairie School - 10%. These programs covered over 30 environmental topics.

Along with the programs the District is also working with the schools to develop Outdoor Environmental Education Laboratories on the school properties. Presently we are working with over 20 different schools.



So last year was indeed busy but also alot of fun and we look foward to continuing our work with the youth and teachers of our county with great expectations for 1993-1994 school year.

FORESTRY FIELD DAY 1993
SATURDAY, SEPTEMBER 11, 1993
RAYMOND HARTSOUGH FARM
24451 TYLER ROAD
PLYMOUTH, INDIANA

On Saturday, September 11, 1993, a "Tree" Mendous Forestry Field Day is planned at Raymond Hartsough's Farm in Plymouth, Indiana. The yearly event is sponsored by Kosciusko, Elkhart, Marshall and St. Joseph County's Soil and Water Conservation Districts. St. Joseph County is the host county to hold the field day for 1993. The program will begin with registration at 8:30 a.m. (EST) and run through 2:00 p.m. Some of the topics planned for the event include woodland management, timber buying, trespassing laws, windbreak planting and tree entomology. Lunch will be served for a nominal fee. There will also be special activities planned for children attending the program.

The purpose of holding the forestry field day is to help educate landowners, who own existing woodlands on the benefits of raising quality timber for production. The field day also provides information to landowners, who are thinking about buying land with woods and would benefit from learning about proper woodland management practices.

If you would like additional information on the field day, please contact one of the following SWCD Offices: Kosciusko County - 267-5726; Elkhart County - 533-3630; Marshall County - 936-2839 and St. Joseph County - 291-2300. **PLAN TO MARK YOUR CALENDAR FOR SEPTEMBER 11TH, 1993 FOR A "TREE-PACKED" DAY OF INFORMATION AND WISDOM ON ONE OF OUR MOST PRECIOUS NATURAL RESOURCES!**



OUTSTANDING CONSERVATION
DISTRICT EMPLOYEES HONORED

Sandra Althoff (second left), office manager of the Switzerland Co. Soil and Water Conservation District, was recognized as county SWCD administrative/secretarial/managerial staff category employee of the year at a recent statewide conservation agency staff/volunteer appreciation day. Jack Ruger, president of the Indiana Association of SWCDs presented the award. Also honored as category finalists were: St. Joseph County SWCD administrative secretary Elizabeth Gushwa (second right), Knox County SWCD secretary Lorene Sanneman-Mason (far right), and (not pictured) Madison County SWCD secretary Christine Miller and Hendricks County SWCD office manager Marlene Raiser.



ENVIRONMENTAL EDUCATION
PROGRAMS

Are you a member of the Lions, Kiwanis, Garden Club or other organization? Looking for a program topic about the environment. The St. Joseph County SWCD can help. Since 1985 the SWCD has had on staff an Environmental Education Coordinator to provide programs for not only youth, but adults as well. Programs cover topics from our local groundwater, to how you can improve your backyard for wildlife, to soils of our area and everything in between.

If you are interested in a presentation by the SWCD, just call the office, as far in advance as possible, and ask for Rick (291-2300). The District looks forward to working with you and your organization.

U.S. POSTAGE
PAID
SOUTH BEND, INDIANA
Permit No. 225

NON-PROFIT ORGANIZATION

ST. JOSEPH COUNTY SOIL
AND WATER CONSERVATION DISTRICT
60455 U.S. 31 South
South Bend, IN 46614

<p>AGP GRAIN, LTD. 1300 West 1st Road LaPaz, IN 46537 (219) 546-2491 1-800-552-2588</p>	<p>KUHARIC'S AG LIMESPREADING SERVICE CULVERT SALES 57890 Crumstown Hwy South Bend, IN 46619 (219) 288-9410</p>	<p>WILSON AGR-SERVICE Lakeville, IN (219) 289-2101 (219) 784-3115 Bremen, IN (219) 546-2491 1-800-552-2828</p>	<p>ZAHL'S ELEVATOR AND FEED MILL P.O. Box 66 New Carlisle, IN (219) 654-3625 Grain - Feeds Seeds - Fertilizer</p>
<p>Farm Credit Services <i>Experience built from the ground up</i> South Bend, Indiana (219) 291-1277</p>	<p>LAKE'S FARM SERVICE, INC. Conservation - Fertilization Custom Application of Dry or Liquid Fertilizers 54300 Walnut Road New Carlisle, IN 46552 (219) 654-3116</p>	<p>FRICK SERVICES - WYATT DIVISION P.O. Box 179 Wyatt, IN 46595 (219) 633-4065 Feeds - Grains Seeds - Fertilizers</p>	<p>ST. JOSEPH COUNTY FARM BUREAU, INC. 60455 U.S. 31 South South Bend, IN 46614 A Full Service Farm Organization</p>
<p>The programs and services of the St. Joseph County SWCD and the Soil Conservation Service are offered on a non-discriminatory basis without regard to race, color, national origin, religion, sex, age, marital status, or handicap.</p>	<p>WYATT FARM CENTER INC. 66400 State Road 331 Wyatt, Indiana 46595 (219) 633-4017/1-800-447-4141 White-Himiker-Kelley-New Holland-Kubota-Woods-Land Pride-M.F.-D.M.I.-Century Sprayers-Deutz-Allis</p>	<p>LINEBACK REALTY SALES AND APPRAISALS Land - Commercial County Real Estate P.O. Box 2701 South Bend, IN 46680 (219) 233-3740</p>	<p>PLYMOUTH FARM CENTER, INC. 10209 Iris Road Plymouth, IN 46563 (219) 935-5500 1-800-487-3337 John Deer Lawn & Farm Equipt  LEADERSHIP IN ACTION</p>