

Down on the Farm

Spring 2011 Newsletter



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Welcome “Down on the Farm”

At the March Friends meeting the newsletter staff asked the members to suggest new names for this publication over the next month. A total of eleven new names were suggested and as you can see, the new name selected was “Down on the Farm.” Certainly a very fitting moniker for this publication which is dedicated to keep readers informed about what’s going on at Kinder Farm Park. We hope you find the content interesting and that it will inspire you to join us “down on the farm.”

President’s Message

By Jim Rausch, FoKFP President

As I write this article, everything is turning that beautiful “spring green.” The weather is warming, fruit trees and flowers are blooming, the deciduous trees are leafing out, and our Kinder Farm livestock are producing many young. What a great time to visit Kinder Farm Park! The new lambs, kids, and piglets are playful and fun to watch and the miles of park trails beckon us to travel them on foot or on wheel. Hiking off trail is fun to discover places less traveled like the Bunk Pond area. All in all, 288 acres to explore.

The Friends of Kinder Farm Park have held several events already this year – most associated with the arrival of the new animals. In addition, the Volunteer Banquet hosted by the Park staff in March was an opportunity to recognize our hard-working volunteers and present some well-deserved awards. Planning for other activities this year is underway and we hope you will join us for some - or all - of these. We now have a Calendar of Events that will be posted on our website at www.kinderfarmpark.org.

The Friends group recently initiated work on restoration of the 85 year-old Kinder Farmhouse which eventually will be open for the public to tour. This is a long term project that will require both skilled and unskilled hands. We will accept all help! So please consider giving some time and making a difference.

One of the great things about Kinder Park is its volunteers and the educational, fun events they plan and sponsor for the public. We hope you will consider donating some time as a volunteer and better yet, becoming a “Friend.” By joining the Friends for just \$10 per year (\$15 for a family) you can show your support for this wonderful resource.

Park Superintendent's Message

By Bill Offutt, Kinder Farm Park Superintendent

Finally, spring has arrived! It seemed like it was teasing us for a while with a few nice days thrown in to lull us into a false sense of security followed by more frigid temperatures. This time it looks like it is here to stay.

It's nice to see our gardeners are able to finally get their crops in. The Apprentice Gardeners just planted the western border of the community gardens with a crop of Black-Oil Sunflowers. Unlike the tall, large single blossom sunflowers that most of us are familiar with, this variety is short with smaller, multiple flowers on each bush. Besides giving the area some nice color, our local Gold Finches and other birds will enjoy them when they go to seed in July or August.



Grass mowing season is upon us and any staff member who can is spending time on a machine. Between Kinder and Lake Waterford, we can barely keep up. Right now we are on a 10 – 14 day cutting cycle. Due to the speed that the grass is growing right now, things are looking a little bit shabby.

As usual, the Friends and our other volunteer groups have been doing programming and contributing to the park in a variety of ways. We are getting ready to redo the fence and gate of the Kinder cemetery as part of a restoration project. A special thanks to Diane Rausch for getting this going.

What's Behind the Scenes at Kinder Farm Park????

By Lisa Willis, Chairman, FOKFP Farm Education Committee

Come join the Friends of Kinder Farm Park for a Behind the Scenes Tour, highlighting the many clubs and activities offered at the park. The tour will take place on Monday, May 16th from 6-8pm. Pre-registration is required. Tickets may be purchased beginning April 18th at the Visitor Center park office, 9am-4pm on Mondays and Wednesdays, Thursdays, Fridays, and weekends 10am- 3pm. The cost is \$3 for an individual and \$5 for an entire family. The cost of tickets may be put towards purchasing a Friend of Kinder Farm Park (FoKFP) membership. FoKFP members are free. The gate house fee waived with purchased ticket.

Join us for a fun-filled hayride tour of the park and all it has to offer! This is a great family event, refreshments and snacks will be served. The tour will begin at Visitor Center. Hope to see you down on the farm.



Something for Everyone

The many organizations that make Kinder Farm Park home, provide unique opportunities that offer something for everyone. The following is a listing of those organizations along with a brief description about each:

- **The Kinder Farm Park 4H Livestock Club** puts 4-H's slogan "Learn By Doing" in practice by assisting with the care of the livestock that reside at the Kinder Farm Park. The club members collect the chicken eggs and feed the chickens, turkeys, cows, and rabbits. Some members also own animals such as pigs, sheep and goats that live at the park. Owning an animal is not a requirement to be a 4-H member. For additional information see their web site at <http://www.kinderpark4h.org/>.
- **The Antique Equipment and Sawmill Club** is a group that maintain and operate the farm's authentic sawmill. Most recently they constructed cabinets, counters and tables for the park's new Visitors Center from wood they cut and milled. The club usually works at the sawmill on Wednesday mornings from 9:00 AM and finish around lunchtime. New members are always welcome, contact the Park Office for details 410-222-6115.
- **The Antique Tractor Club** supported by the Friends of Kinder Farm Park, members maintain and operate the park's collection of antique tractors. They provide the popular hayrides at park events and drive in local parades representing the park. Please contact the Park Office for details 410-222-6115.
- **The Chesapeake Forge Blacksmith Guild** operates the Kinder Farm Park Blacksmith Shop and offers an excellent opportunity to learn a new skill. The Guild meets every Monday night from 7:00 to 10:00 P.M. and on Sunday afternoons from 1:00 to 4:00 P.M. at the park. For additional information see their web site at <http://www.chesapeakeforge.org/>.
- At the **Quilters Guild** monthly meetings each person brings their own projects. If someone needs help, they all pitch in and assist. Members have various skill levels in a variety of techniques and welcome visitors and new members. Meetings are held the 3rd Tuesday of the month at 1:00 PM in the Kinder Farm Park Visitors Center.
- **The Community Gardening Program** consists of about 125, 20' X 30' gardening plots. More than 100 gardeners rent plots each year for \$40/plot to grow a variety of fruits, vegetables, legumes, herbs, and flowers. Please contact the Park Office for details 410-222-6115.
- **The Apprentice Garden** is a program teaching eco-friendly, sustainable basic vegetable gardening skills to families, and is sponsored by the University of Maryland Extension Office Anne Arundel County Master Gardeners. For more information on this program, please contact Anne Nourse via email at aonourse@verizon.net or call 410-721-2723.
- **The Kitchen Garden** near the park farm house is maintained by volunteers of Chartwell Garden Club. They hold their meetings on the second Monday of each month at 10:00 a.m. at Our Shepherd Lutheran Church on Benfield Road in Severna Park. Guests are welcome.

The Friends of Kinder Farm Park is a park advocacy group that supports the park through fund-raising, advising Park staff as to the kinds of programs and projects they feel represent a Maryland Farm in the 20th century, and volunteer activities. Among the many activities that volunteers participate in and enjoy are the annual Behind the Scene Tours, the Fall Harvest Festivals, and the Jingle Bell Hayride. Meetings are held on the second Wednesday of each month at 6:30 p.m. in the Kinder Farm Visitor Center. For more information see their web site at <http://www.kinderfarmpark.org/>.

Beekeeper's Corner: The Importance of Honey Bees as Pollinators

By Lindsay Barranco, Beekeeper and FoKFP Secretary

There are many insects that pollinate plants, including bumblebees, wasps, butterflies, moths and honey bees. Pollination is the process where an insect transfers pollen, a substance produced by plants, from the male anther part of the plant to the female stigma part of the plant. The survival of plants depends on pollination. Honey bees are responsible for 80 percent of all pollination done by insects.

Without the honey bee, more than 1/3 of the fruits and vegetables that humans consume would be lost.

Honey bees make such effective pollinators because the honey bee's anatomy is well-suited for carrying pollen. The honey bee's body and legs are covered with small hairs that catch and hold pollen grains. The bee's hind legs contain something called "pollen baskets" that the bees use for transporting pollen back to the hive. When landing on a flower, the bee will gather nectar and in the process will brush against the stigma (the female part) of a plant of the next flower she visits and will brush some of those pollen grains onto another plant. In this way, the bee successfully cross pollinates and the plant will likely thrive and fruit. The honey bee is especially effective at pollinating plants because it tends to forage on blooms of the same kind, which makes for particularly good pollination. This is also how the beekeeper also winds up obtaining specific honey flavors, such as lavender honey, orange blossom honey or clover honey.



If you are interested in beekeeping, the Anne Arundel Beekeepers Association sponsors a "short course" which is a 5 session course on how to get started with beekeeping. While this year's course has already occurred, it is never too late to begin thinking about taking the course next year. The course typically begins in March and ends in April, and is held at the Arlington Echo Outdoor Education Center in Millersville. For more information on the class, please see the Anne Arundel Beekeepers Association's website at www.aabees.org. If you are interested in keeping bee hives at Kinder Farm Park, please call the park office at 410-222-6115.

Speakers Series

By Michele Rose, FoKFP Vice President and Speakers Series Chairman

The Speaker Committee has decided to present one speaker each quarter of the year at this time. Our first presenter, Santiago Guido spoke on Monday, April 18th at 6:30 pm in the Harvest Hall of the Visitor Center. He described whole foods versus processed foods, including gardening information, as well as healthy lifestyle recommendations.

Our next speaker will be from the Chesapeake Bay Foundation on Monday, July 18th at 6:30 pm in the Harvest Hall. By then, I'm sure we'll be appreciating the air conditioning that the Visitor Center can provide. They will be discussing the health of the bay and how it is related to agriculture and lawn care products.

In November, we are pleased to present Mrs. Diane Rausch, wife of our Friends president, Jim, who will present a program on the history of Kinder Farm Park. As part of her work with the Kinder Farm Park Historical Society and in preparation for the opening of the Visitor Center, she has done extensive research regarding the park's history and the history of agriculture in Anne Arundel County as well. The date has yet to be determined.

All of these events are free to members of the Friends of Kinder Farm Park. There is a \$5.00 fee for non-members, which can be utilized toward the purchase of a membership at the time of registration.

Farm Education Committee

By Lisa Willis, Chairperson of FoKFP Farm Educational Committee

The FoKFP Farm Education Committee has been very busy during the past several months. Starting on February 1st with the first birth of twin lambs at the start of the 4H Livestock Club birthing season, the committee has been sending birth announcements to all Friends members via email. Additionally, thanks to assistance from the Antique Sawmill Club, new birthing stork signs have been added to the farm area. Be on the lookout for new signage on the barns and along with cutouts of wooden pigs and chickens in the farm area.



In early February the committee made field trips to Frying Pan Farm Park in Virginia, and the Old Maryland Farm in Upper Marlboro. The two trips provided insight into their functional farm educational programs which will assist the committee in the development of KFP educational programs.

Before heading down to the barns to see the animals, check out the newly revamped “Farm News Center.” A series of outdoor bulletin boards located next to the Visitor Center which displays a pictorial journey of Penny Sue, our resident sow’s birthing experience.

As you head down to the farm, the plot of land on the right will be a new educational garden in partnership with the Apprentice Gardens. The new program will be named “Kinder Sprouts”, and is in its planning stage at this time.

The committee hosted the first annual Piglet Party on April 2nd, which was a fun educational program highlighting our 14 piglets and resident sow Penny Sue (featured in another article in this newsletter). Our next program to host will be the Behind the Scenes Tour on May 16th (also, featured in another article in this newsletter).



Our committee has put in for a community grant for money to buy interpretive educational signage for the farm area. We are waiting for an acceptance of our application.

The Farm Educational Committee is open to all. If you are interested in KFP’s educational growth please feel free to join us. For more information contact Lisa Willis via email at lisa23willis@gmail.com. See you down on the farm!

Kinder Farm Park 4H Club

By Mitzi Hardy, 4H Parent and FoKFP Member

This spring season has been a very busy time for the 4H members and their families. The births of many new Kinder babies - kids, lambs, piglets and hopefully soon a calf, has brought much excitement to the farm complex. Penny Sue – the club sow – gave birth to 15 piglets, and although one was stillborn the remaining 14 are thriving. Please stop by for a visit as they are all very entertaining to watch.

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Kinder Farm Park 4H Club (Cont.)

The 4H'ers have also been busy with many recent activities and events including the Skill-a-Thon (general knowledge quiz based on agriculture) which was held in Hagerstown. This year we had a record number of kids participate and the kids are already preparing for the next one which will be held at the Sheep and Wool Festival in early May. In April many 4Her's participated in the Anne Arundel County 4H Variety Show, and everyone received a blue ribbon. This event is sponsored by the County Foundation that supports 4Her's from all over the County.

Our 4H club members have also been busy tending their garden at the Fair Grounds during the first clean-up day of the year, and many of our members gave a helping hand to support the "Teen Leaders 4H Club" at the recent Easter Egg Hunt which was held at Kinder Farm Park.

The 4H club brought Karen Holloway to Kinder Park for a lecture on animal nutrition, and very soon Dr. Hartsock from the University of Maryland will be talking to the 4Her's about interacting with the public when discussing their livestock projects.

The 4Her's are also busy planning upcoming community service projects such as the visits to the Severna Park Library, the Smithsonian Environmental Research Center, the Ruth Eason School and of course the Behind the Scenes Tour with the Friends Group.

With the Summer shows, fairs and parades rapidly approaching; the 4Her's and all of the adult volunteers will become even busier – but you can be certain everyone will be laughing and having a good time together.

Animal Births

By Lisa Willis, Chairman FoKFP Farm Education Committee

If you are a member of the Friends of Kinder Farm Park you have enjoyed this year's farm animal birth announcements. Thus far (as of May 4th) this year there has been 9 lambs, 13 goats and 15 piglets born on the farm. There is still one more birth of a calf due in June.

A congratulation goes to all our 4H breeders. It takes a lot of time and energy to manage a breeding project at the farm. The children and their parents have endured sleepless nights, cold barns, and worry in caring for their animals through the birthing experience. It is an experience that is most often filled with joy, but can also be filled with heartbreak. If you haven't done it yet, come and enjoy the fruits of their efforts at the farm.



Piglet Party: April 2, 2011

By Brittney Warner, Piglet Party Chairperson

The Piglet Party hosted by the Friends of Kinder Farm Park, Education Committee was a great success. This was the first piglet party welcoming the newborn piglets. Over 200 people attended the party.



Pig crafts were made, pig souvenirs were sold and the hayrides offered by the Antique Tractor Club included a pig-calling contest, and pig trivia. The piglets enjoyed this day as well, since this was their first time they were able to roam free in the pig area along with Penny Sue. Talks were held providing pertinent information about the piglets, Penny Sue, and swine facts. A piglet-naming contest occurred and the winning name was PORKY.

A thank you is well deserved to all those hardworking volunteers that made this event happen. Be on the lookout for other educational programs from the Friends of Kinder Farm Park, Education Committee.

In Memory of Lucy: April 9, 2011

By Brittney Warner, Lucy's Owner: Kinder Farm Park 4-H Livestock Club

On April 9, 2011 Lucy, who had been at Kinder Farm Park for over two years, suddenly passed away. Lucy was born in December 2008. She was known well and enjoyed by all the friends/visitors of Kinder Farm Park.

Some of you may know my goat Lucy, she was known as being very friendly and loved attention. She matured from a young goat that was bottle fed to a mature goat that delivered a healthy baby kid. She was shown at the Maryland State Fair, Anne Arundel County Fair, Southern Maryland Spring Show and Field Day, and taken to other events. Lucy gave birth to twin goats on March 20 at 12:30p.m. Her first baby did not make it because of complications. In mere seconds, she gave birth to a beautiful boy goat named Ricky.

It has been nice to see that Lucy had made such an impression on others as she did with me. I bottle fed Lucy when she was just a week old. Lucy was a great goat, best friend, and good mom. I had many great experiences with Lucy since she was my first goat. When Lucy saw me, she would always come running to the front gate with her long ears flopping up and down.

I am now bottle-feeding Ricky and he is getting to be just like Lucy. Ricky is a month old, and I hope everyone will get to know and enjoy Ricky just as much as they did Lucy. Lucy's legacy continues through baby Ricky!



Spring Cleaning Kicks Off Restoration

By Mike Lowman, Chairman of the FoKFP Historical Society

On Saturday March 26th thirteen volunteers gathered at the farm house (the former Kinder Farm Park office), to do some “spring cleaning,” and kick off the restoration of the first floor of the house to resemble the way it might have looked during the 1930s and 1940s. All two and a half stories were generally cleaned; several truckloads of trash removed and items were donated to the Salvation Army and Habitat for Humanity. In addition, a treasure trove of documents, old photos/slides and a taped interview from 1999 with August Kinder (who was born and raised in the farm house) were discovered.



Henry Kinder's Farm House - April 1939

We already know some things about what the house looked like when it was occupied by the Kinders. Built around 1926 by Henry Kinder and his wife Hilda (Yanke) the first floor originally consisted of only four rooms, a living room, kitchen, dining room, and a bedroom/children's play room. Henry and Hilda would raise 8 children in this house.

The following is an excerpt from a document found during the clean-up and written by Joanne Andresen around 2003 that provides some additional information about the house:

“Situated on a hill surrounded by mature trees, this east facing, two and a half story building is constructed of brick laid in 3:1 American bond; it is a variation of the nationally popular style known as the “American Four Square”. This expression of the Prairie Style was most popular between 1900 and 1920. The house sits on a concrete foundation, and has a full basement with a west – side bulkhead entrance. The building's hipped - roof has wide, overhanging eaves and a boxed cornice, and is pierced on the front side by a two – light dormer windows. The front façade is divided into three, almost symmetrical bays. Windows are one – over – one and are topped by a two course segmental arch, while the centrally placed front entrance is distinguished by a three course segmental arch and flanking sidelights. A full width, hipped – roof porch spans the front façade and is supported by four wooden, Doric style columns and is enclosed by an unturned balustrade. The porch floor and front steps are poured concrete.

The large dwelling represents the continual growth and increasing prosperity of Kinder Farm between the years of 1898 to the Great Depression. The building, erected by the Kinders, shows a clear embrace of American architectural styles...”

The restoration of the house will be a multi-year project, requiring extensive interior rework, historical research and acquisition of appropriate furnishings. If you are interested in participating in the restoration of the farm house email Mike Lowman at mike_lowman@verizon.net or come to a FoKFP Historical Society meeting on the third Wednesday of the month.

Fall Harvest Festival Committee

By Michele Rose, FoKFP Vice President and Fall Harvest Festival Chairman

The first meeting of the 2011 Fall Harvest Festival Committee was held on March 28th. The date of this year's event is Saturday, October 8th from 10:00 am – 4:00 pm. We are trying to lessen the burden on the rangers, as well as add some fresh and imaginative thoughts by having coordinators for volunteers, crafts, games and events. Mitzi Hardy has stepped forward as the



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Fall Harvest Festival Committee (Cont.)

volunteer coordinator. Gina Degreenia has volunteered to chair the children's crafts and Kim McGrath was drafted to handle scarecrow clothing and business donations. We are still in need of coordinators for games and special events.

The Fall Harvest Festival is the major annual Friends fundraiser and allows us to purchase items for Kinder Farm Park that the county is unable to provide. It takes hundreds of volunteers and hundreds of hours of planning to produce this event.

Currently, we are meeting on a monthly basis on the 4th Monday of the month. Our next meeting is scheduled for May 23rd at 6:30 pm in the Visitor Center. Just drop by, we'd love to have your help! Please contact Michele Rose at 410-544-8302 (H) or 443-618-9555(C) or by e-mail at kpfriend@verizon.net with any questions, ideas or to volunteer.

NEWS FROM THE GARDENS

Beginning Tree Identification Course

WHEN: 10 AM to Noon on Saturday, June 11, 2011

WHERE: Visitor's Center at Kinder Farm Park

COST: \$1.00 (for materials)

INSTRUCTOR: Bonnie Pavlak, Master Gardener



COURSE DESCRIPTION:

- Learn to distinguish between simple and compound leaves, leaf arrangements, leaf shapes, and leaf margins
- Learn to use the Leaf Key to Common Trees in Maryland
- One hour class work, one hour outside identifying trees
- Participants should be ages 16 and older
- Class size limited to 25 people
- Call the Park Office at 410-222-6115 to register

Apprentice Garden News

By Anne Nourse, A.A. Co. Master Gardener Project Leader

Interest in this season's Apprentice Gardener Program was met with an overwhelming response. Approximately 35 families requested participation in this University of Maryland Extension Office Master Gardener Project. With only 8 family plots and 5 communal plots available in this 20' x 60' area located at the entrance of the Kinder Farm Park Community Gardens, it was difficult deciding who would be chosen.

At our first informational meeting held at the end of March, 8 families consisting of 11 adults and 11 children made the commitment to attend weekly meetings and the Apprentice Gardener Program began. Children took home self-watering containers that were created from plastic bottles planted with herb seeds.

The following week directions were given on reading seed packets and bean, pea and sunflower seeds were started in peat pots to be planted at a later date by our wire tunnel. Colorful pails were provided for carrying the peat pots and will be used each time we meet at the garden. After that meeting, families enthusiastically met at the garden, chose and prepared their plots and selected different types of radish, carrot and lettuce seeds as well as broccoli and cauliflower plants. Information on each vegetable was discussed and distributed to all.

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Apprentice Garden News (Cont.)

The garden was now taking shape and careful maintenance of it is the responsibility of each family member. One of the youngsters was so inspired by the day's activity that she wrote a poem after planting and read it to the group. It is included at the end of this article for you to enjoy. We were lucky that the following week's weather allowed for more planting of cold weather crops. The peas and beans that were started earlier were transplanted. Additionally, the individual gardens were planted with three types of onions and two kinds of potatoes. Estimates of harvesting dates are being recorded in a log the families are keeping on the vegetables.

Fortunately, for us the rain on off-Wednesdays has taken care of the watering and the sunny days have provided the energy these crops need. The Apprentice Gardeners are going to be pleasantly surprised when they come back from the Spring Holiday and check to see how their plants are growing.

In the next few weeks, the group will be learning about "dirt" and "soil" making a worm jar; and, receiving a composting demonstration. Sunflowers will also be sown in the rectangular strip by the water faucets, so keep your eyes out for the seeds that will be sprouting. Our project is well underway and as the weather gets warmer warm weather crops like peppers, tomatoes, squash, cucumbers, etc. will be joining the other vegetables in the plots. Till our next issue---HAPPY GARDENING!!!

Written by **ZOE** on April 9, 2011 after her first planting:

*If we work as a team
We will have a glowing beam.
If we follow the directions right
Our seeds will be as bright!*

Visit the bulletin board by our garden to see the pretty picture she drew to go with the poem.

Another Gardening Opportunity



In partnership with the Education Committee of the Friends of Kinder Farm Park (KFP), the A.A. Co. Master Gardeners under the leadership of Anne Nourse and Friends Member Roy Fielder, an extension of the Apprentice Garden is now open to interested families. A garden reflecting crops grown on KFP during the 1930's is being developed near the Sawmill/Antique Tractor Barn areas. Crops will include what is generally grown today as well as cotton, sweet corn, field corn, and tobacco. The project is expected to start very soon. This invitation is open to parents/guardians and their children (ages 8-13) who will be taught basic vegetable gardening by Master Gardeners. A family will be responsible for one type of crop but all will share in the bounty of the harvest. A nominal fee will be charged which will include membership in the Friends group. If you and your family would like to participate in this new project, please contact Anne Nourse at aonourse@verizon.net as soon as possible.

The Minneapolis Moline, G-1000

By Rod O'Brien, Member of the Antique Tractor Club

Excerpted from <http://tractorshop.com/articles/mm.html> by Jim Jansen

Let me introduce you to the largest, most powerful tractor in the Friends of Kinder Farms' fleet, the Minneapolis Moline, G-1000. The G-1000 was the first 100 horsepower plus row crop tractor to come to the United States market. It was introduced in the spring of 1965. The first production of just over 100 units was sold to a select group of farmers all over the United States. They agreed to keep records of its performance in all areas and report back to Minneapolis-Moline engineering and sales people. Their suggestions and complaints were all reviewed by Minneapolis-Moline and the first full production was planned for the winter of 1965-66.



One of the original purchasers of the test tractor was Wayne Kennedy of Kimball, Nebraska. He liked it so much that he bought four more in the next two years. The G-1000 was the biggest and most extensive introduction the company had ever done on any one single piece of equipment. The main features of this first 110 horsepower row crop tractor were as follows:

1. The whole purpose of this tractor was built for those who farm big.
2. It was built in both diesel and LP-gas models with a few gasoline models available in the initial production. (These really ate the fuel.)
3. The 504 cubic inch engine produced 111.00 horsepower in the diesel version and 110.76 in the LP-gas version. Other tractors in this class had engines of 301 to 404 cu.in.
4. This horsepower on both models was developed at 1800 RPM. Other tractors in this class ran at 2000 to 2400 RPM.
5. The tractor had only a 20 inch wide frame to give the operator maximum visibility and maneuverability.
6. The final drives were much heavier than in previous tractors such as the G-VI. Minneapolis-Moline engineers finally learned that you can't have 100 plus horsepower up front and final drives from 80 horsepower units.
7. The 504 cubic inch engine was six cylinders with blocks cast in pairs with a heavy cast iron oil pan and three main bearings crankshaft.
8. The G-1000 had a basic five speed transmission with two speeds in each gear. This shift on the go was called ampli torc. It gave a 25 to 30 percent reduction in each gear, providing speeds of 2.25 mph to 18.05 mph in forward and 1.86 mph to 3.57 mph in reverse.
9. The weight of the tractor was 10,100 pounds (diesel) and 10, 250 pounds (LP) with no extra equipment. This was about 1,500 pounds heavier than other tractors in its class.
10. The turning radius was 12 feet, 3 inches without brakes and fuel capacity was 40 gallons (diesel) and 39 gallons (LP).
11. The tractor came standard with both 540 and 1000 RPM PTO shafts. You could just hook up to the shaft that fit your implement.
12. The hydraulic system was a 9 cylinder Vickers piston pump which supplied the power to the power steering and draft sensitive three-point hitch and remote hydraulics. This system was much improved over earlier models.
13. The tractor was easy to service. Hood and grills could easily be removed by toggle latch and quarter-turn fasteners.

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The Minneapolis Moline, G-1000 (Cont.)

14. The G-1000 was also available in a Wheatland version. This is a fixed front I-beam axle and no three-point hitch, just remote hydraulics.
15. The G-1000 had tremendous pulling power. The 1800 RPM 504 cubic inch engine gave it a drawbar pull of 14,443 pounds at 2.22 mph. Compare this to a JD 4020 at 11,249 pounds at 2.63 mph.
16. The tractor was priced correctly as the G-1000 diesel had a list price \$8,882 FOB factory. This was up to \$1,000 less than comparable models even though they had 15-20 less PTO horsepower.

In late 1967, a new model G-1000 was introduced as the G-1000 Vista. It was basically the same tractor as the G-1000 except it had a higher operator's platform and more convenience operator controls. Operators really liked this high platform as it gave them great vision and was up and out of the dust. A disadvantage of this raised platform was that it covered up all the hydraulic lines so if they had to be worked on, it was quite a job. It also had a larger diesel fuel tank (56 rather than 40 gallons). The Vista went back to the original Minneapolis-Moline color of prairie gold, not yellow and brown as previous tractors had been since about 1963.

The G-1000 Vista was also available as a wheatland and row crop model. Both were available with full time power front axle. Minneapolis-Moline was a pioneer in the use of power front axles on tractors. It also was available with a three speed ampli torc which gave it 15 forward speeds and three reverse speeds. A factory installed cab was also available for \$995. The G-1000 Vista was produced until 1969 when it was replaced by the G-1050.

In summary, the G-1000 and the G-1000 Vista were very powerful tractors, comfortable to operate and had a long life with a minimum of troubles. On the first and second production of G-1000s, purchasing changed to a different rear axle bearing without telling engineering. These bearings failed in some cases and caused ring gear and pinion failure. As soon as this was discovered, the company had a program to change these bearings. Competition got wind of this and said it was a poor ring gear and pinion. The word got around and it certainly didn't help the G-1000 reputation. In retrospect, though, there were very few rear end failures in the G-1000 where the bearings were changed.

They were built for those who farm big and are still doing it. Total production of these two models was 7,397. This is small compared to the numbers of John Deere and IH, but one must remember that most of the MM tractors were sold in states west and south of Minnesota. Total tractor sales in this area were not as large as in the Corn Belt and east, so the MM sales in this horsepower class were about 8 to 10 percent of the market.

Thanks for taking some time down on the farm getting to know our "old trusty" tractors. Tune in next time and see what we can learn about our big ole Massey Ferguson.



Our MM G100 in action at the 2010 Fall Harvest Festival

Why Be a Member?

By Dennis Baker, FoKFP Membership Chairman

If you are reading this, you must have some interest in Kinder Farm Park, and Kinder Farm Park is not just another county park where people can go for relaxation, exercise, and special events. It is all that and much more. Kinder Farm Park also is being preserved, developed and operated to highlight a typical working farm set in Maryland during the 1930's. The new Visitors Center is only the latest and most visible aspect of that.

The Friends of Kinder Farm Park (FoKFP) are dedicated to that mission. We support the Park with funding; foster education and research programs that increase public awareness of, interest, and appreciation of the history and ecology of the Park; conduct and support volunteer activities; and sponsor affiliated organizations to facilitate these purposes. Our focus is on everything and everybody in the Park.

Of special note are the new Friends of Kinder Farm Park Historical Society and the Livestock Education Committee, started last year, both of which are working towards providing convenient access and insight to past and current farm life right in the middle of our increasingly urban county.

We support in various ways and to various degrees more than a dozen park-affiliated groups from the 4-H Livestock Club; to the Quilters Guild; the Chesapeake Forge Blacksmith Guild; the Antique Tractor Club; the Antique Farm Equipment and Sawmill Club; and, multiple Gardeners clubs and groups (these are independent of the Friends and our support varies with interest and needs).

Perhaps you are interested in some of the things that are going on in the Park, or you have an interest in something additional you would like to see in the Park. You can support it and encourage it through your FoKFP membership and involvement.

But members also can be content just to support the Park through their membership, which also lets the county know that one more person or family thinks the Park is worth supporting even if they do not actively participate in or help guide the many goings-on.

But there are also direct benefits of membership including: being kept up-to-date on goings-on through notices to members and personal delivery of our Newsletter; personal invitations to scheduled events like the Behind the Scenes Tour, Fall Harvest Festival, Speaker Series Events, & Jingle Bell Hay Ride; birthing announcements and member-only new farm baby visits; a member services booth at major events that provides shorter ticket lines, etc. for members; free hayride passes; and some local merchant discounts for members.

You can tailor your involvement to suit your own desires, and whatever degree of involvement you choose, you directly benefit, and in a most visible and countable way you are saying "I care about Kinder Farm Park in my community!"

For more information about becoming a member of the Friends of Kinder Farm Park, visit our website at http://www.kinderfarmpark.org/Join_Us.htm or come to a Friends monthly meeting at 6:30 PM in the Harvest Hall held in the Visitors Center on the second Wednesday of the each month.

Friends of Kinder Farm Park (FoKFP) 12 Month Calendar

May 2011

- 11 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 11 — Publish Spring Newsletter
- 16 — Behind the Scenes Tour from 6:00 – 8:00 PM, pre-registration required, free to FoKFP members, \$5 for non-members (will be applied to membership if you join at the event)

June

- 8 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 11 — Tree Identification Class from 10:00 AM – Noon in the Visitor Center Harvest Hall, \$1 pre-registration required
- 20 — 5:00 PM, Deadline for the Spring Kinder Farm Park Photo Competition
- 20 — Call for Summer Newsletter Articles

July

- 4 — Severna Park Independence Day Parade
- 13 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 18 — State of the Chesapeake (FoKFP 2011 Speakers Series) from 6:30 – 8:30 PM in the Visitor Center Harvest Hall, pre-registration required, free to FoKFP members, \$5 for non-members (will be applied to membership if you join at the event)
- 20 — Absolute deadline for Summer Newsletter articles

August

- 10 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 10 — Publish Summer Newsletter

September

- 14 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 14 — Call for Fall Newsletter Articles

October

- 8 — Fall Harvest Festival from 10:00 AM – 4:00 PM
- 12 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 19 — Absolute deadline for Fall Newsletter articles

November

- TBA - History of Kinder Farm Park (FoKFP 2011 Speakers Series) in the Visitor Center Harvest Hall
- 9 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 9 — Publish Fall Newsletter

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Friends of Kinder Farm Park (FoKFP) 12 Month Calendar (Cont.)

December

- 3 — Jingle Bell Hayride from 10:00 AM – Noon, preregistration required, \$3 fee, FoKFP can use their free Hayride passes in lieu of the fee but still need to preregister
- 12 — Call for Winter Newsletter Articles
- 14 — FoKFP Annual Meeting at 6:30 PM in the Visitor Center Harvest Hall

January 2012 — *2012 FoKFP membership dues are due*

- 11 — FoKFP Annual Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 18 — Absolute deadline for Winter Newsletter articles

February

- 8 — FoKFP Annual Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 8 — Publish Winter Newsletter

March

- TBA — Volunteer Banquet
- 14 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 19 — Call for Spring Newsletter Articles

April

- 11 — FoKFP Meeting at 6:30 PM in the Visitor Center Harvest Hall
- 18 — Absolute deadline for Spring Newsletter articles

Down on the Farm is a publication of The Friends of Kinder Farm Park

President: Jim Rausch

Vice President: Michele Rose

Treasurer: Joe Miller

Secretary: Lindsay Barranco

Please visit our web site:

<http://www.kinderfarmpark.org/>



Spring Photo Competition

ARE YOU A BUDDING PHOTOGRAPHER??

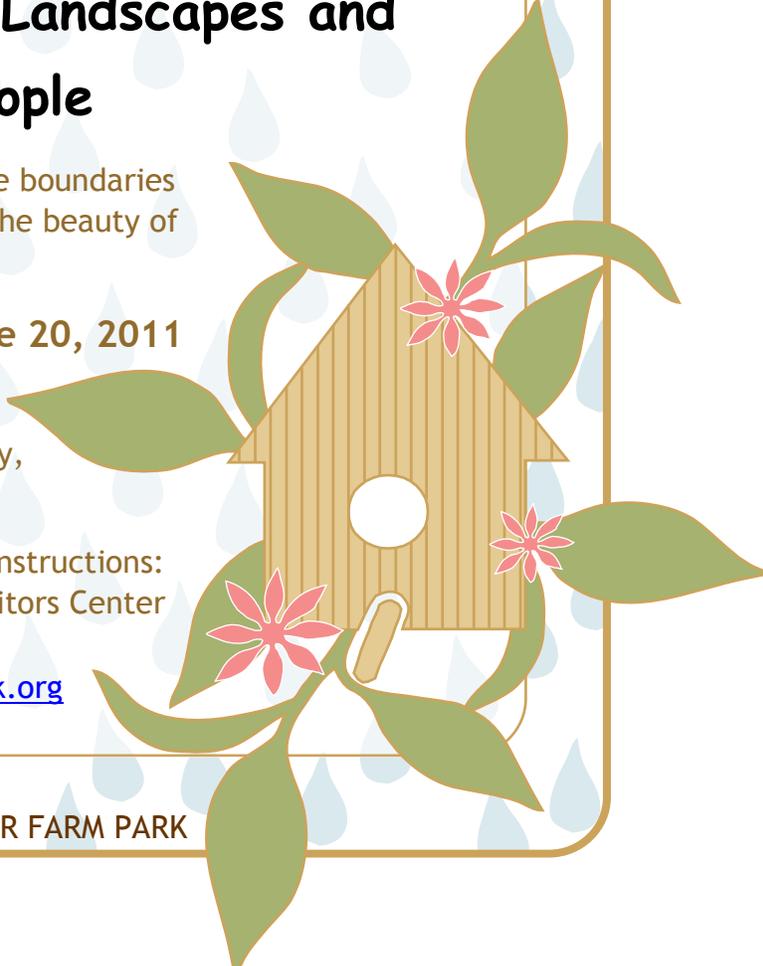
The Friends of Kinder Farm Park are holding an amateur photography competition for people of all ages to submit photos.

A \$35 gift certificate will be awarded to the winning photo in each of the following four categories:

Flora, Fauna, Landscapes and People

- ❖ Photos should be taken within the boundaries of Kinder Farm Park and reflect the beauty of the Spring season.
- ❖ The deadline for entries is: **June 20, 2011**
- ❖ A panel of judges will select one winning photo from each category, and winners will be notified.
- ❖ For competition rules and entry instructions:
 - ❖ Pick up a flyer at the Park Visitors Center
 - ❖ Visit our website at:

www.kinderfarmpark.org



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