

# The Juglans

July 2012, Volume 23, Issue 1  
[www.WalnutCouncil.org](http://www.WalnutCouncil.org)



Prez Says  
Jeremy Parish

So I guess this is a La Nina year. Either way, what a complete opposite of last winter it is. The down side has been the wet,

unfrozen soil conditions, but I'll take it considering what it's meant for my home heating bill. Even so, it seems firewood prices are holding steady. I recently read an advertisement for \$80 per truck load, I'm assuming delivered. To supplement what we cut ourselves here at Forest Glen, we purchase "ricks" (4'x 8' stacks, cut somewhere close to 16") for \$65.

Thus far, we've split about half of the wood from the trees cut in the chapter managed forest conversion site and we're up to 11 ricks. When all is said and done, the 5 acre thinning will save the park at least \$1,500. Another method for attaining firewood is to plant a tree row and coppice (cut near ground level), or pollard (top above an 8' butt log) the trees, continuing to harvest the resprouts on a rotation. Consider utilizing this time tested fuel source on the property you manage.

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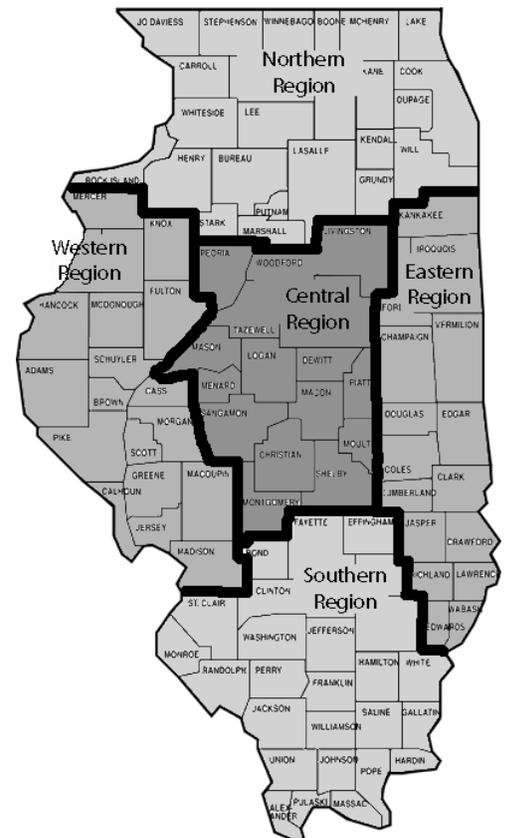
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# Golden Triangle Farm

by Mike Cochran, Timewell, IL

Welcome to you from the Golden Triangle! Our 72-acre farm is located in Pea Ridge Township in northern Brown County. There are no villages in the township, just 36-square miles of nothing! My wife Gail and I bought the farm in 1992 after I lost my hunting area down in Pike County the previous year. I bought the land strictly for hunting as it was comprised of 55 acres of mature timber and the rest was tillable ground on a corn and beans cycle. Three years later, we decided to move to the farm and we built our home here and put it right along the edge of the timber. We named the farm Night Hawk Farms.

Prior to our move here we decided to incorporate the help of IDNR Wildlife and Forestry personnel and along with the help of our local FSA folks, we came up with a game plan for the farm. We finally came up with four separate plans to manage the farm: Wildlife Plan, Forestry Plan, Row Crop Plan, and CRP Plan. We had some issues with erosion on the crop ground and so, after some significant repair work involving a rather large bulldozer, we came up with a long term plan to manage most of the crop ground in the CRP Forestry Program. In addition to that, in 1993, at the direction and with the help of the IDNR Forestry Personnel, we had a timber sale on the 55 acres of mature timber. I was somewhat leery of this part of the plan, but we had a really good outfit that harvested the timber and we had no problems whatsoever. Most of the timber harvested consisted of oaks, mostly black and red oaks, with some white oak, black walnut and some hickories. Subsequent to the harvest, my hunting buddy and I did 10 acres of TSI work per year for the next four years.

As part of our CRP plan, after we did the repair work on row crop areas, we put 10 acres of that ground in trees. We planted 10 acres of oaks, black walnut, and green ash in 1993. We did it with the help of a local farmer who had the necessary equipment to plant the trees. It took about a week to complete the planting because if you remember spring of 1993 - the flood year - I had to plant some of the area by hand since we couldn't get the tractor and planter in due to the wet soils. At any rate, due to the wet weather and good soil conditions, I estimated about a 95% survival of those trees. We subsequently planted approximately four more acres of trees several years later, but the survival rate in these areas were significantly lower. Not surprisingly, the reason for the lower survival rate is due to the reason we bought the farm in the first place: white-tailed deer!

To further embellish our plans, let me tell you it wasn't simple. I, being a city kid all my life, had no idea how difficult it would be to raise certain species of trees. As part of my wildlife plan we planted about 250 white pines along the edge of the gravel road along with some red buds for color. We were supposed to plant red cedars but the nurseries were all out of them that year and so we went with the white pines. Of the 250 we planted, only three survived and they are in front of my house. The deer ate the rest. We subsequently planted this area also with red cedars and they are doing just fine. I have also learned that deer really like black walnuts and so, I have had to resort to installing plastic tree shelters around those black walnuts to get them up to about 5 feet in height to prevent the deer from creating bonsai walnuts.

In summation, our efforts, while certainly not perfect, have really been worthwhile to us. We have a beautiful area that has been really rewarding. On a regular basis we see deer, turkeys, red fox, raccoons, opossums, and just about every species of bird one would expect to see in central Illinois, including bald eagles, pileated woodpeckers, and all kinds of hawks and owls. And not to brag...last year we were surprised to be awarded the Wildlife Landowner of the Year for Region IV. Sometimes, things really work out for the best.

# Hanson Project



In order to utilize some seedlings left over from earlier spring planting, swamp white oaks were planted in grass sod (in an area of about .75 acres) around the first week of July about 19 years ago. Seedlings were planted about 40" apart in the row with about 9 feet between rows west of the drainage way, and rows range from 9 to 12 feet east of the drainage way. This would result in 1100 to 1450 trees per acre. No herbicides were used and trees were heavily browsed- tree survival was deemed excellent all things considered! Around the third or fourth year, many saplings received corrective pruning to promote straightness. The grass has been totally shaded out so the area has been converted to a forest-like condition.

About 4 years ago, about 2/3 of the trees were removed taking the worst first and leaving those with straight stems and healthy crowns; most trees were pruned to 6 feet. Cut stumps sprouted several stems but these will eventually be shaded out.



# Hanson Project

Today, trees are roughly 19 years old, average diameter is 6 inches (stumps measure 7"), the average tree height is about 35 feet. Crop trees are being selected (orange ribbon) for release and pruned to a height of 8 feet. Crop tree selection is based on straightness and crown size. Ultimately, on this .75 acres stand, the site can support about 20-25 trees as trees reach maturity. A small area (slightly less than ¼ acre) was sampled to provide some data. There were 93 standing trees in this area. Extrapolating the stand to one acre, there would be approximately 372 trees per acre standing. Ideally, if our goal is to have 35 crop trees per acre (average spacing of about 35 feet between trees, there should only be about 9 trees in the sampled area when trees reach maturity. Oaks are pruned during the dormant season.



As trees are thinned out, 40" logs are harvested for shiitake mushroom culture. On the average about 3 logs are harvested per cut tree. In two afternoons, about 70 shiitake logs were harvested and they will be inoculated with shiitake spawn (mycelium in sawdust) in April. One tree was cut and 4 logs were collected for Shiitake mushroom inoculation. From bottom log to top log, the diameter at the small end were 4.5"; 4.0"; 3.75", and 3.25".

**Walnut Council 2012 Annual Meeting**  
**Sunday, July 29- Wednesday, August 1**  
**The Champaign/Urbana/Danville Area**  
**Holiday Inn, Urbana, IL**  
**“Where the Forest meets the Grand Prairie”**

**Sunday, July 29**

10 am- Noon	WC Foundation Board Meeting; Holiday Inn Hospitality Room
Noon-1 pm	Lunch (on your own)
1-8:30 pm	Registration Desk open
1-9:30 pm	Exhibits and Silent Auction open
1-4 pm	Walnut Council Board Meeting; Holiday Inn Hospitality Room
4-6 pm	Dinner on your own
6-7 pm	Reception (ballroom)
7-9:30 pm	Evening programs <ul style="list-style-type: none"> <li>• Welcome/housekeeping – Ken Konsis</li> <li>• Fossil Forest of Vermilion County, Scott Elrick, Illinois State Geological Survey</li> <li>• Field trip previews</li> </ul>
9:30-11 pm	Hospitality Room Open

**Monday, July 30**

6:30-7:45 am	Breakfast on your own (hotel buffet available)
8 am	Depart for Forest Glen Preserve, Danville
9 am-Noon	Tree Research Area field tours

Upon arrival, groups will be directed to each of the venues and given walking maps. Participants will be able to attend or visit what they are most interested in. Wagons will be available to connect the greater distances. A rest area providing a tent, seating, portable toilets, and refreshments, will be available.

Station #

1.
  - a. Walkthrough Soil pit- Ray Herman
  - b. Deer browse on Chinese elm- (poster)
  - c. WC Seed Source Study- Phil O'Connor/Jeff Dawson
2.
  - a. Crop Tree Release Thinning Demonstration-Kurt Bobsin
  - b. Deer Repellent Study Results- Gary Wilford
3.
  - a. HTIRC North Plot- Lenny Farlee
  - b. Shiitake Mushroom Production and Samples- Larry Gilliland/Susan Biggs Warner
4.
  - a. ½ Spacing Wheel Study- Jeremy Parish
  - b. HTIRC South Plot- Brian Beheler
  - c. Deer Fence Construction Demonstration- Don Carlson
5.
  - a. Tree Shelters- Dan Schmoker
  - b. Corrective Pruning- Dan Schmoker
6.
  - a. Forest Conversion Tour-Steve Felt/John Torbert
  - b. Effects of Garlon Herbicide on Autumn-olive and application techniques-Mike Kotcher
  - c. Invasive/Exotic Species-Roger Jansen
7. Michael G. Reddy Arboretum- Jim McKenna

## Monday, July 30 Continued

- 9:30 am-3 pm Optional Spouses Tour (leave from hotel lobby)  
Allerton Park/Krannert Center of the Performing Arts tour
- 11:30 am-1:30 pm Staggered lunch at Gannett Center  
Gannett Center Activities:
- Hydra hoe tree cutting demonstration- Joey Thomas
  - Wood turning-Dan Schmoker/John Sleva
  - Chainsaw wood carving- John Van Allen
  - Portable sawmill demonstrating quarter sawing- Dave Boyt
  - Nature Center open
- 1:00 -3 pm (alternative tour) - tree felling and Woodmizer demonstration at Forest Conversion site (stop 6) - Steve Felt, John Torbert, Larry Gilliland
- 1:30-3 pm Beech Grove and Big Woods Trails- Jeff Dawson, Kurt Bobsin, Jay Hayek, Steve Tondini, Bob Wagoner
- 3 pm Return to hotel
- 4:30-5:30 pm Exhibits and Silent Auction open
- 4:30 pm Free time or Optional chainsaw maintenance class – Dave Asbury
- 5:00 pm Free time or Optional pruner sharpening class - Dan Schmoker
- 4:30-6:45 pm Dinner on your own
- 7-9:30 pm Evening Concurrent Programs
- Introductory Forestry Class-Lenny Farlee OR
  - Advanced Forestry Class-Steve Felt, Dan Schmoker, Kurt Bobsin
  - Land Owner Show and Tell
- 9:30-11 pm Hospitality Room Open

## Tuesday, July 31

- 6:30- 7:45 am Breakfast on your own (hotel buffet available)
- 8:00 am Depart for Dream Shop or remain for hotel presentations
- 8:30 am-11:30 am Staggered departures to Dream Shop  
Dream Shop (see website) includes:
- Orientation
  - Tour of woodworking equipment
  - Demonstrations of woodworking equipment
- Hotel Presentations include:
- Update on TCD and other exotic pests/diseases- Kelly Estes (repeated twice)
  - Tree Identification of common tree species of the central hardwood region- Steve Tondini (repeated twice)
- 9:30 am-3 pm Optional Spouses Tour (leave from hotel lobby)
- U of I Conservatory/Parkland College Planetarium
- Noon-2 pm Staggered departure for lunch at Lake of the Woods; Champaign County Forest Preserve District  
Activities at Lake of the Woods:
- Museum of the Grand Prairie
  - Botanical Gardens

## Tuesday, July 31 Continued

2 pm-4 pm	Staggered return by buses to Holiday Inn
4:30 pm	Exhibits and Silent Auction Open
4:30-6 pm	Free Time and/or optional classes:
4:30 pm	Chainsaw maintenance- Dave Asbury
5:00 pm	Nursery production- Mike Thompson, Forest Keeling Nursery
5:30 pm	American Chestnut Foundation-Jim McKenna
6 pm-6:45 pm	Reception (cash bar)
7 pm-9:30 pm	Annual Awards Banquet <ul style="list-style-type: none"><li>• Walnut Council Awards</li><li>• Keynote Speaker- Andy Borbely; Canoeing the entire length of the Mississippi River</li></ul>
9:30 pm	Silent Auction ends/results
9:30 pm-11 pm	Hospitality Room open

## Wednesday, August 1

7:15-8:00 am	Breakfast buffet (provided by Walnut Council)
8 am-10 am	Presentations <ul style="list-style-type: none"><li>• Hammons Products</li><li>• Update on EQIP</li><li>• Northern Nut Growers Association</li></ul>
10-10:15 am	Break
10:15-11:30 am	State Chapter Reports, door prizes, closing remarks
11:30-2:30 pm	Optional Post Conference Afternoon Activities:

### *Option #1*

Tree Felling Instruction and Demonstration- Joe Glenn	
11:30am-12:30pm	Tree felling instruction (hotel)
12:30-1:15pm	Lunch on your own
1:15-1:45	Depart (car pool) to tree felling site at Lake of the Woods
1:45-2:30	Tree Felling Demonstration- Joe Glenn

### *Option#2*

Trelease Woods tour (old growth woodlands) - Jeff Dawson and Jay Hayek	
1:30pm	Depart from hotel (car pool) to Trelease Woods
2pm-3pm	Trelease Woods tour

*The Juglans* is a quarterly newsletter published by the Illinois Walnut Council to assist members in their efforts to stay informed on issues, resources, and opportunities. If you are receiving hard copies (paper) of the newsletter, but would like to receive it via e-mail, please send your email address to Lara Darling. If you have information, submissions, and/or suggestions, please send information to *The Juglans* editor:

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**Walnut Council Annual Meeting Registration**  
**July 29-August 1, 2012**  
**Champaign/Urbana/Danville, Illinois**

**Deadline for early registration discount is July 13.**

Name(s): \_\_\_\_\_  
*Please include first and last names of all that will be attending for nametags.*

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Please list any dietary needs or physical accommodations requests: \_\_\_\_\_

We will publish a registrant listing to share with all attendees. \_\_\_\_\_ Do not publish my name in a registrant listing

**Full Registration**

*Full registration includes: Indoor sessions, handouts, field tours (M, T) or spouse tours (M & T), bus travel to field, breaks (M & T), lunch (M,T), dinner (T), breakfast (W) and meeting favor. All Sunday meals, M, T breakfast and M dinner are on your own.*

**Member and Spouse Full Registration** \_\_\_\_\_ @ **\$135** each (before 7/13)      \$ \_\_\_\_\_

\_\_\_ Enter number going on Monday field tour      \_\_\_ Enter number going on Monday spouse tour

\_\_\_ Enter number going on Tuesday field tour      \_\_\_ Enter number going on Tuesday spouse tour

**Nonmember Full Registration** \_\_\_\_\_ @ **\$155** each (before 7/13)      \$ \_\_\_\_\_

*Nonmember registration includes a 2013 Walnut Council membership.*

Children (16 and under) \_\_\_\_\_ @ \$ 45 each or \$70 with banquet (before 7/13)      \$ \_\_\_\_\_

Name(s) of Children \_\_\_\_\_

Late registration fee, after July 13 \_\_\_\_\_ @ \$ 20 extra      \$ \_\_\_\_\_

“At the Door” Registration Fee, after July 28 \_\_\_\_\_ @ \$ 40 extra      \$ \_\_\_\_\_

**Daily or Banquet Only Registration**

*Daily registration for those not attending the full conference includes all scheduled activities for that specific day, except Tuesday’s banquet. Tickets must be purchased separately for the banquet.*

\_\_\_ Sunday @ \$20    \_\_\_ Monday @ \$45;    \_\_\_ Tuesday @ \$45;    \_\_\_ Wednesday @ \$15;

\_\_\_\_\_ Spouse Tour only, each day \$20;      \$ \_\_\_\_\_

All the above add \$5/day after 7/13 and \$10/day after 7/28

Extra banquet tickets (Tuesday, PM) \_\_\_\_\_ @ \$ 35 (children \$25)      \$ \_\_\_\_\_

**Total**      \$ \_\_\_\_\_

*(See reverse for hotel reservation and further meeting information)*

## Walnut Council Annual Meeting Registration Form Continued

\_\_\_\_\_ Check if you attending your first national meeting of the Walnut Council

\_\_\_\_\_ Enter number attending optional Wednesday afternoon (11:30 – 2:30) tree felling instruction and demonstrations. Starts at hotel and moves off site for demos.

\_\_\_\_\_ Enter number attending optional Wednesday afternoon (1:30 – 3:00) Trelease woods tour. Departs from hotel with carpool to woods.

\_\_\_\_\_ Check if you wish to make a Show and Tell Presentation Monday evening and indicate suggested title and length: (10 – 30 minutes is preferred)

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\_\_\_\_\_ We would like to donate a \_\_\_\_\_ for the silent auction.

\_\_\_\_\_ We are willing to help sponsor some aspect of the meeting – please give us a call.

\_\_\_\_\_ Check if you plan to bring an exhibit or display

\_\_\_\_\_ We would like to provide company brochures or handouts in registration packet.

### Hotel Information

#### **Deadline for Room Reservations is July 6, 2012.**

Reserve your room at the Holiday Inn Urbana at 1001 Killarney Street in Urbana, Illinois. Call 1-217-328-7900 for the special “VCO” group rate of \$115 plus 12% taxes per night for single or double occupancy. Call or book online with the group code. If there are any questions about the availability of rooms at the discount rate please contact the Walnut Council office. Check out <http://www.holidayinn.com/hotels/us/en/urbana/cmiub/hoteldetail> for more information.

Register online at <http://www.walnutcouncil.org/annual-meeting> to pay by credit card or send this registration form and check to:

Walnut Council  
1007 N 725 W

West Lafayette, IN 47906-9431

Phone [765] 583-3501, FAX [765] 583-3512

E-mail: [jackson@purdue.edu](mailto:jackson@purdue.edu)

# Member News and Information

## FINANCIAL REPORT

June 6, 2012

Checking Account Beginning Balance (September 10, 2011).....\$6,426.30

### Revenue:

Plantra Newsletter Advertising.....\$300.00

Tool Sales, 2 Pruners.....\$56.00

IN Walnut Council

Farm Progress Show Booth Reimbursement...\$179.65

TOTAL REVENUE: \$535.65

### Expenditures:

IWC March Workday (donuts).....\$17.01

Illinois Department of Revenue (sales tax).....\$30.00

TOTAL EXPENDITURES: \$47.01

Revenue over Expenditures.....\$488.64

Add to Beginning Balance.....\$6,914.94

(agrees with bank statement)

## IWC Board Proposes a Change in By-Laws

Currently, the By-Laws for the Illinois Walnut Council has the following terms for board members:

\* President serves a one-year term.

\* Vice-President serves a one-year term and is President-Elect.

\* Treasurer and Secretary serve a two-year term and are elected on even-numbered years.

\* Regional Directors for the North, Central, and Southern Regions serve two-year terms and are elected on odd-numbered years.

\* Regional Directors for the East and West Regions serve a two-year term and are elected on even-numbered years.

The proposed change is to have all officers serve a one-year term, and elections for all held annually. A majority vote of the general membership in favor of the change is necessary to make the change official. Please contact IWC headquarters via email or snail mail. If you do not register a 'no' vote, you are casting a vote in favor of the change.

Illinois Walnut Council  
*The Juglans*  
c/o Forest Glen Preserve  
20301 E 900 North Road  
Westville, IL 61883



Please keep your IWC membership address and dues current. Payment of \$35.00 should be sent to IWC Headquarters at Forest Glen at the address listed on the return label. You can also pay online at [www.WalnutCouncil.org](http://www.WalnutCouncil.org).

## Upcoming Events

- |                 |  |
|-----------------|--|
| July 13-15      | <b>National Tree Farm Convention in Burlington, Vermont</b><br>More info: <a href="http://www.treefarmssystem.org">www.treefarmssystem.org</a> |
| July 22-25      | <b>Northern Nut Growers Annual Meeting in Lexington, KY</b><br>More info: <a href="http://www.nutgrowing.org">www.nutgrowing.org</a>           |
| July 29-Aug1    | <b>Walnut Council Annual Meeting/Field Days in Urbana, IL</b><br>More info: <a href="http://www.walnutcouncil.org">www.walnutcouncil.org</a>   |
| August 9-11     | <b>Michigan Forest Association Annual Meeting</b><br>More info: <a href="http://www.michiganforests.com">www.michiganforests.com</a>           |
| August 23-26    | <b>Wisconsin woodland Owners Annual Meeting</b><br>More info: <a href="http://www.wisconsinwoodlands.org">www.wisconsinwoodlands.org</a>       |
| September 26-29 | <b>Black Walnut Festival in Stockton, MO</b>   |

