

President

Duane Grube, Jr.
320-815-5791

Vice-

President

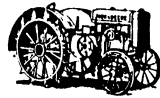
Orlynn Hegna
320-894-8698

Secretary

Galen Rud
320-226-3987

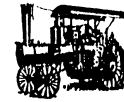
Treasurer

Leslie Bergquist
320-226-7878



Minnesota Valley

Antique Farm Power & Machinery Association



5030 Twentieth Avenue Southwest

Post Office Box 226

Montevideo, MN 56265

FEBRUARY 2019

<http://www.heritagehill.us>

<https://www.facebook.com/heritagehillshow>

Directors

Kyle Ashling
320-361-0599

Stephen Coon
320-841-2211

Beth Finn
320-226-6090

Dustin Johnson
320-226-1947

Scott Thissen
320-444-3861

Ex-Officio

Gerald Kleene
320-894-9149

PRESIDENTIAL STATE OF THE HILL ADDRESS:

As I write this, the weather forecast is for some extreme cold weather for most of the remainder of January. Extreme weather is certainly nothing unusual for this part of the country during the winter. I vaguely remember the winter of '68 and '69. We had tunnels going into the chicken coop and hog houses. I also remember drifts so deep they were approaching the power lines. Township roads were plowed out just wide enough for the school bus to go through. The snow was as deep as the bus was tall. The only item we had for snow removal on the farm was an F-20 Farmall (the one Stephen Coon now has) with a Farmhand "hay bucker" loader on it. I remember my father getting up at 3:30AM to start opening the driveway so the milk truck could get in the yard at about 8:15. With every storm, the snow in the driveway got deeper so eventually my father was unable to pile the snow any higher along the sides. We ended up exiting the farm through the field until spring came. When all that snow started melting, the driveway turned to slop. We ended up parking the car and pickup on the county road (with the keys left in them). My father would drive the Allis-Chalmers WD with the family riding in a flare box through nearly knee-deep gravel and mud to get to the vehicle to head to church on Sunday mornings.



Most of us also remember the 3 day blizzards in the 1970's. People today would have a tough lesson to learn as back then you couldn't go anywhere. I know we'd dash to the dairy barn between gusts as it would have been easy to get lost in the white out as the barn was not visible from the house most of the time. There was also a stretch in 1977 or 1978 where we didn't get above zero for 21 days. Oh the joys of doing chores when everything is frozen.

The winters of 1997 and 2001 also stand out with extreme snowfall and cold which led to extreme flooding. In 1997, every time it stormed, which seemed to be weekly, between my farm, my folks' farm and three neighbors, I had at least 8 hours of snow blowing. There was a day during the flooding of 1997, when our family was down in Montevideo filling sandbags, an emergency call went out in Appleton for sandbagging. By the time I got there it had started to rain. The rain became heavier and heavier and it got colder as the day went on. We sandbagged into the evening – that was on Saturday, April 5. I had muck boots on and they were half full of water just from being out in the rain sandbagging. By next morning, Sunday, April 6, we had subzero wind chills and several inches of snow on the ground.

It seems winters are not near as severe as they used to be. When I had livestock, we always had a handful of nights that was -30°F or less. Now we have hardly any nights that cold.

Heritage Hill has some potentially big opportunities coming up. Even though it is winter, I would strongly encourage all members to come out for the membership meetings and learn what may be coming down the road. It's good to be informed. During the last membership meeting we covered quite a list of things, but the meeting was over in 40 minutes. I hope to see you at the next membership meeting on February 18, 7PM at the Montevideo Community Center.

Thank you, Chip Grube, President

MEETING NOTICES & COMING EVENTS

Membership Meeting <i>Servers for February</i>	Monday, February 18, 7:00 PM @ the Montevideo Community Center <i>Beth Finn; Carla and Jeff Johnson</i>
Board Meeting	Sunday, March 3, 6:00 PM @ The Rivers, Montevideo
Heritage Hill 2018 Threshing Show	August 16 - 18, 2019

MEMBERSHIP MEETING MINUTES: January 14, 2019 – Galen Rud, Secretary

President Chip Grube called the meeting to order at 7:00 p.m.

Quorum: 29 members present.

The pledge of allegiance was recited.

M/S/P Doug Norman/Carla Johnson to accept the secretary's report.

M/S/P Curt Berg/Jim Roe to accept the treasurer's report.

- **Christmas Party:** Thank you to Carla Johnson and Beth Finn for the great job they did with the 2018 Christmas party.
- **Tractor Pull:** Need someone to be the head of the tractor pull
- **Pedal Pull:** The 2019 Pedal Pull will be held in the afternoon and the regular pull in the evening.
- **Show Coordinator:** Wesley has agreed to be the 2019 Threshing Show coordinator.
- **Threshers' Kitchen:** Need volunteer to work on the pictures in the Threshers' Kitchen area.
- **Promotions:** M/S/P Glen Coon/Jim Roe to have cups and plaques ,no buttons for the 2019 Threshing Show
- **Sponsorships:** Sponsorships for the Threshing Show are needed
- **Raffle:** Doug Norman will check on getting a Ford pedal tractor for the raffle. Raffle tickets and money will be discussed at the next board meeting.
- **Nominating Committee:** Need volunteers for the nominating committee.
- **Food Service:** Caterers being sought for the Threshing Show.
- **Remote Control Demonstrations:** Jim Roe suggested someone to talk to Harlan Garbe about flying remote controlled airplanes and drones at the Threshing Show.
- **Shingle Mill:** Ron Molde said there is a need to find cedar logs for the shingle mill.
- **HH Work Day:** Work day discussion of possibilities.
- **Lunch:** Thanks are extended to Glen and Jackie Grube, Stephen Coon, and Chip Grube for serving lunch.
- **Adjournment:** M/S/P Orlynn Hegna/Richard Emch to adjourn the meeting.

DIRECTOR MEETING MINUTES: February 3, 2019 – Galen Rud, Secretary

President Chip Grube called the meeting to order at 6:00 p.m.

Quorum: *Present* – Bergquist, Coon, Finn, Grube, Johnson, Rud. *Absent* – Ashling, Hegna, Kleene, Thissen. HH members – 7.

Pledge of Allegiance: Waived.

M/S/P Johnson/Coon to approve the Secretary's report.

M/S/P Coon/Finn to approve the Treasurer's report.

- **IRS 990:** The Directors reviewed and discussed the 2018 IRS 990 and related schedules as prepared by Treasurer Leslie Bergquist. M/S/P Johnson/Coon to approve the contents of the 2018 IRS 990 including all related schedules and direct Treasurer Bergquist to file the same with the Internal Revenue Service.
- **Audit:** The 2018 annual Heritage Hill treasury audit was discussed. Rud and Sally Phillips volunteered to serve on the audit committee. The committee is scheduled to meet February 18, 2019 at 6:15 to complete the review audit.
- **Raffle:** M/S/P Johnson/Rud to hold a 2019 raffle with the following prizes authorized: First - \$1,000; Second - \$500; Third - \$250; Fourth - \$100, and set the ticket price at \$10.00.
- **Feature Tractor 2020:** M/S/P Johnson/Finn to feature 1960's tractors in 2020.
- **Threshing Show Activities:** Discussed hosting Friday night bon fire.
- **Food Service:** Directors discussed Threshing Show food service options for 2019 and beyond.
- **Meeting Dates:** Membership meeting – February 18, 2019; Directors' meeting – March 3, 2019.
- **Adjournment:** M/S/P Coon/Johnson to adjourn.

Future Newsletters – Help Needed:

Heritage Hill is in need of someone willing to compile the newsletter. This task is very important and is needed to keep the membership abreast of Heritage Hill issues. If no one steps forward in the near future, the publishing of

a monthly newsletter could be in jeopardy. Please consider helping in this capacity. This task does not require physical exertion or a lot of time.

TREASURER'S REPORT: January 2019

Financial Statement: January 1, 2019

<u>Internal Accounts</u>	<u>Depository Accounts</u>
\$15,110.45 General Fund	\$4,186.19 Citizens Alliance Bank - Checking
\$411.90 Building Fund	\$41,155.00 CAB - Preferred Money Market
\$4,043.00 Chapel Fund	\$0.00 CAB - Certificate of Deposit
\$15,775.84 Farming Fund	\$45,341.19 TOTAL
\$10,000.00 Insurance Fund	
\$45,341.19 TOTAL	\$0.00 Loan Balance - Citizens Alliance Bank

Operating Statement

\$45,341.19	Balance: January 1, 2019		
	<u>RECEIPTS</u>		<u>DISBURSEMENTS</u>
	\$170.00 Dues/Memberships	(\$165.00)	Chamber of Commerce Dues
	\$17.49 Interest	(\$316.84)	Electricity
	\$43.00 Meeting Lunch Donation	(\$3,323.00)	Farming Expense
	\$230.49 TOTAL	(\$30.00)	Meeting Room
		(\$3,834.84) TOTAL	
\$41,736.84	Balance: January 31, 2019		

Financial Statement: January 31, 2019

<u>Internal Accounts</u>	<u>Depository Accounts</u>
\$14,829.10 General Fund	\$2,564.77 Citizens Alliance Bank - Checking
\$411.90 Building Fund	\$39,172.07 CAB - Preferred Money Market
\$4,043.00 Chapel Fund	\$0.00 CAB - Certificate of Deposit
\$12,452.84 Farming Fund	\$41,736.84 TOTAL
\$10,000.00 Insurance Fund	
\$41,736.84 TOTAL	\$0.00 Loan Balance - Citizens Alliance Bank

Leslie K. Bergquist, Treasurer

EXTRAS: Economy Engine History

Peter H. Holm founded the Holm Machine Mfg. Company sometime prior to 1909, since on that on July 16, 1909 Holm applied for Letters Patent on an engine governor. In the spring of 1909 the Holm Machine Mfg. Company, Sparta, Michigan, offered a new line of gas engines (referred to as "Sparta Economy" engines). In 1912 and Sears, Roebuck & Co., the largest mail order merchant in the United States, purchased the equipment, patents, and unfinished engines, then immediately resold the same assets to Hercules Buggy Company, Evansville, Indiana. Subsequently in 1912, the Hercules Buggy Company reorganized as Hercules Gas Engine Company. Through this purchase and sale, Sears, Roebuck & Co. retained the marketing rights of the Economy engines, selling gas engines via Mail order catalogs. By 1915 Sears, Roebuck & Co. and Hercules Gas Engine Company were marketing nearly identical



engines, the Economy and Hercules, respectively. During a time when many engine designs were somewhat complicated, Sears sought to market an engine design which would be simple to operate and maintain, desirable among the self-taught mechanics. Marketed through Sears, Roebuck & Co. mail order catalogs, the Economy engines were shipped directly to customers.

- The Sparta Economy engines were manufactured from 1910 to late 1913.
- Model A was the first Sparta Economy engine built at the Holm factory. About 1,500 of these were produced and 26 of them are known to exist among collectors today.
- The Model B had a simplified fuel system rather than the earlier Waterloo fuel system. Probably the biggest change from the Model A to B was in regard to the water hopper. The raised lip was removed and replaced with a flat top with removable "hopper ring." About 4,800 Model B engines were produced, serial numbers ranging from approximately 1200 to 6000.
- Model C engines were produced in 1910 with changes to the head, igniter trip bracket and fuel tank filler. Approximately 2,000 were built.
- Model CA was introduced in the spring of 1910. More of the Model CA was produced than any other Sparta-built engine, with close to 20,000 being manufactured. Similar to the Model C it did not have a speed control, the trip finger and holder was redesigned, and the Lunkenheimer fuel mixer became the standard. By that time Sears had also eliminated the Holm patent, a complicated speed control, replacing it with a simple governor.
- Model CX was introduced in mid-1912 at about serial number 25000. The CX had a newly designed water-cooled head, a spring-loaded intake valve latch, a newly designed side rod and a new blade-type igniter trip. The Elkhart low-tension magneto was also offered on the larger CX engines. Many of the features of the CX would be found on the soon-to-be-built Hercules engines.
- With few exceptions, production of engines from 1909 through 1933, changes from one model to the next were gradual and, for the most part, minor.
- A total of approximately 36,000 "Sparta" Economy engines were produced from 1909-1914.
- In late 1913 the factory, parts, machines and some people were moved to Evansville, Indiana. The first engines built in Evansville were assembled from parts shipped in from Sparta, Michigan.
- A total of were 15 different Economy models were produced, beginning with the Model A in 1909 until the last JK was produced in the fall of 1933.
- Of the approximately 400,000 engines built between 1909 and 1933, about 250,000 of these were sold as Economy engines.
- Like the model D through S Economy engines, the Hercules, Jaeger, and ARCO engines were assembled using the same parts as the Economy.

Minnesota Valley Antique Farm Power and Machinery Association

2019 MEMBERSHIP DUES

\$15 Individual - \$25 Family

If you have not paid your membership dues for 2019 please either cut this out, (or print it out) and return it to the address listed:

Name(s): _____
Address: _____
Phone: _____ Email: _____

**Please mail your membership renewal and check to:
Heritage Hill, Box 226, Montevideo, MN 56265**

Your Heritage Hill Membership is valued and greatly appreciated by many.

Thanks, Your Heritage Hill Board of Directors