

## "Owner's Report" On Corn-Burning Stoves

buckets. It works best if it's under 20 percent moisture. If it's wetter than that, it can bridge up in the hopper. We've used it right off the combine, but you do have to be careful to take out any bigger pieces of cobs or stalks."

**Mary Harris, Ridgeville, Indiana:** "We bought a **Grain Comfort** stove three years ago. It was an expensive investment, but it's more than paid for itself.

"We like the nice even heat it gives us. We live in a two-story uninsulated farmhouse, and we still have our old forced air furnace for backup, but most of our heat comes from the corn stove.

"Since we're not using the furnace ducts to heat the house, we found we had some cool spots on the second floor. We put in some floor vents to the first floor and that took care of warming those rooms.

"It doesn't take much corn. On the coldest days, we use two and a half 5-gal. buckets of corn at the most. On those days, we usually take the clinkers out twice, but on most days we clean it only once. We don't screen the corn, but if we see larger pieces of stalks or cobs in it, we pull those out.

**"On the coldest days we use 2 1/2 5-gal. buckets of corn at the most."**

"We haven't found anyone who can tell us why, but when we burned Bt corn in it, the clinkers formed quicker and were more like cement. We stopped using Bt corn for fuel and that took care of that problem."

**Joy McCarren, Belle Center, Ohio:** "We've heated our home with corn for four or five years. Last year, we bought our second **American Energy** Countryside stove.

"We're heating roughly 2,000 sq. ft. in a two-story house. The blower on the stove does most of the air circulation, but we also have a ceiling fan in the room with the stove to help move the air out to the rest of the house.

"There are no vents to move the warm air to the second floor, but we've not had any problems with the upstairs rooms being cold.

"The hopper on our stove holds about two 5-gal. buckets of corn, or 75 to 80 lbs. It burns about a bushel a day on most days, so we only fill it once a day, except when it's really cold. On the coldest days, we might have to fill it a second time.

"We dry all our own corn on the farm, usually do between 15 and 16 percent moisture. I don't know that we've ever had corn in it that's wetter than that.

"With this stove, there are no clinkers to clean out. The ash tray only needs to be emptied every two or three days when it's really cold out.

"We don't screen the corn before we burn it, but we do pick out any larger pieces of stalks or cobs. They say the larger stalk pieces can cause the auger to bind up a little, but we haven't had any problems with that.

"We're really impressed with the economics of burning corn. Even if corn gets up to \$2.40 or \$2.50 and burning it as much as five months, it's still reasonable and, because of the amount of time and money spent on cutting wood, it's probably still cheaper to burn corn."

**Fred Thompson, Carey, Ohio:** "We are

pleased with our **Superior Biomass Furnace**, by **Ja-Ran Enterprises**. We bought it after reading about it in **FARM SHOW**. It heats well and has been trouble-free. As I get older, I'm finding loading it could be a little easier. I understand the manufacturer now has a system that leads grain into the hopper automatically.

"We set up the furnace in our garage. I store 15 to 20 five-gallon buckets of corn there. When I'm running low, I load the empty buckets into my pickup and go to the barn where we have a gravity wagon full of shelled corn. I fill the buckets and take them back to the garage.

"I like the way the corn is fed up from the bottom so I don't worry about the clinkers smothering the fire out like it does in some stoves. Most of the ashes are pushed out of the fire pot. I do have to dig some out, but it isn't a major problem. We save the ashes and after a season of burning have only about two bushel baskets full.

"We fill a 250-bu. gravity wagon as our winter fuel supply, and we've only emptied it once."

**Orlynn Hurt, Savannah, Illinois:** "When our LP bill got to \$400 a month, I called the gas man and told him to take out the tank. We bought an add-on wood furnace so we could use the heating ducts in the house. This was a lot less expensive than gas. Then I hurt my back cutting wood. We figured there had to be a better way and went looking for a corn stove.

"We decided on a **Snowflake 2100**. It's a fireplace insert that only puts out about 40,000 btu's, but we've had it two years and it easily heats the whole house. After the first time we fired up the corn stove, we got rid of the wood furnace.

"Our corn stove has dual blowers that direct the heat to the most open part of the house. And it has screens that filter the air it circulates so there's no problem with dust and ash getting blown around.

"The hopper holds a bushel and a half, but on the coldest days it uses only about a bushel of corn. You can keep the whole house at 72 degrees with no problem, and it will get hotter if you're not careful. It has settings from 1 to 10 for the auger speed. We usually have it set at '1'.

"Last year, we started it in early September and didn't shut it off until the end of March and we used \$210 worth of corn. We don't raise corn, but we buy it from a neighbor at whatever the local elevator is charging.

"The corn I buy is clean as it comes from the bin, so I don't have to clean any more. If the corn has a lot of fines or trash in it, it doesn't burn as clean. We only clean it out once a day.

"The only other maintenance it needs is to oil the augers and fans once a year.

"Another thing I like about the corn stove is that it made the insurance man happy. He approved the wood stove we had but our rates went up. With the corn stove there's no chance of a chimney fire and our rates went down."

**Ron Pesek, Taunton, Minn.:** "We bought a **Superior** corn furnace from **Ja-Ran Enterprises** in the fall of 2001, so we're just going into our second winter with it. I'm so pleased with this thing I drag my neighbors in and make them look at it.

"We still have electric heat in the house,

*(Continued on next page)*

## Where To Buy A Corn-Burning Stove, Furnace

**American Energy Systems**  
150 Michigan St. SE  
Hutchinson, Minn. 55350  
ph 800 495-3196  
www.hearthdirect.com



American Energy Systems

**Austroflam Industries, Inc.**  
2210 Alexander St  
Salt Lake City, Utah 84119  
www.austroflam.com

**Big M Mfg Co.**  
928 East 1090 N Rd  
Taylorville, Ill. 62568  
ph 217 824-9372

**Bob Walker**  
**Bixby Energy Systems**  
PO Box 667  
Elk River, Minn. 55330  
ph 763 428-1806  
www.bixbyenergy.com



Golden Grain

**Caneco Mfg. Inc.**  
(Envirotech Stoves)  
Box 9042, Sub. 40  
London, Ontario  
Canada N6E 1V0  
ph 519 686-7298

**CornStoves.com**  
Box 10 - 5389 SR 613  
McComb, Ohio 45858  
ph 419 293-2465  
ph 888 764-8359  
www.amaizablaze.com

**Country Flame Technologies Inc.**  
1200 E Industrial Park Dr  
Mt. Vernon, Mo. 65712  
ph 417 466-7161  
www.countryflame.com



Grain Comfort Stove

**Cozy Cornburning Co.**  
RR 1 Box 62A  
Fisher, Minn. 56723

**Don Magelitz**  
13967 Thayer Rd  
W Waverly, Ill. 62692  
ph 217 435-9796  
ph 888 856-8540  
www.cornburner.com

**Golden Grain Corn Burning Stoves**  
Box 5000  
Sterling, Colo. 80751  
ph 800 634-6097  
www.goldengrainstove.com

**Goodwin Enterprises**  
Rt 2 Box 9  
Burns, Kan. 66840  
ph 620 726-5534

**Grain Comfort Stoves**  
6123 N Co Rd 700E  
Union City, Ind. 47390  
ph 765 964-6412

**Grain Comfort Stoves Inc.**  
RR 3  
Blythe, Ontario N0M 1H0  
Canada

**Grain Stoves Inc.**  
RR 3  
Blyth, Ontario N0M 1H0  
ph 519 523-9897  
ph 888 320-4042  
www.grainstovesinc.com



Kernelburner

**Harman Stove Co.**  
352 Mountain House Road  
Halifax, Penn. 17032  
ph 717 362-9080  
www.harmanstoves.com

**Ja-Ran Enterprises**  
3541 Babcock Rd  
Lexington, Mich. 48450  
810 359-7985  
www.ja-ran.com

**Kernelburner Biomass Systems**  
25108 429th Ave  
Spencer, S.Dak. 57374  
ph 605 246-2700

**Pinnacle Stove Sales**  
4252 Dog Prairie Rd  
Quesnel, B.C. V2J 6K9  
Canada  
ph 250 747-1714  
www.pinnaclepellet.com



Ja-Ran Enterprises

**Rural Energy Products**  
9296 Van Wert - Willshire Rd  
Van Wert, Ohio 45891  
ph 800 546-3319

**Snowflake, Inc.**  
Box 745  
Arden, N.C. 28704  
ph 828 684-4444  
www.snowflake.com

**Top Hat Chimney Services & Products**  
3719 Broadway  
Grove City, Ohio 43123  
ph 614 539-4444

**Year-A-Round Corporation**  
Box 2075  
Mankato, Minn. 56002  
ph 507 625-9381