Fisher's Supply, Inc.
659 SW 1st Ave
Canby, OR 97013

Phone: 503-263-8557
Fax: 503-263-8369
Web: www.fisherssupply.com

Well Chlorination Treatment

If you rely on a well for your water, you may have to chlorinate it from time to time. Chlorination refers to the process of flushing your well and water system with a chlorine solution.

This process is usually applied in order to accomplish one of the following:

- Disinfecting to "neutralize" coli form bacteria
- Disinfecting after making repairs to your well or following extended periods of non-use
- Temporary elimination of hydrogen sulfide (or "rotten egg") odors
- Temporary removal of iron and manganese build-up
- Removal of bacteria that create slime

PLEASE BE SURE TO READ ALL OF THE INSTRUCTIONS BEFORE PROCEEDING!!!

1. Before you begin the chlorination process, store enough water to meet your household needs for a minimum of 24 hours.

2. Next, remove any filter, water conditioners, or any type of water treatment system, or find a way to by-pass them during chlorination.

3. Use the chart below to determine the amount of chlorine solution that is recommended for your water system.

Total Gallons per Foot = 1.47 gallons per 1 foot of water in a 6" well casing

50 PPM Total Chlorine- Household Bleach: 1 Quart will treat 600 gallons

100 PPM Total Chlorine - Household Bleach: 1 Quart will treat 300 gallons

200 PPM Total Chlorine - Household Bleach: 1 Quart will treat 150 gallons

4. Pour the chlorine solution into your well.

5. Attach a garden hose to an outside faucet and place the other end into the well. Turn on the outside faucet and allow the water to circulate for approximately 1 hour.

6. Open each faucet in your water distribution system, (including inside and outside faucets, cold and hot water faucets, dishwashers, toilets, baths and showers), one at a time, until the smell of chlorine is apparent, then quickly shut them off. This will thoroughly chlorinate your water distribution system.

Note: During this procedure, chlorinated water that is permitted to enter your sewage system should be kept to a minimum, as an excess amount of chlorine may affect the biological activity of a septic tank system.

7. Do not operate your water system for a minimum of 8 hours (overnight, for example) or longer if possible. A 24 hour period is recommended, but may not always be practical.

8. Place the end of your garden hose in an outside location where the chlorinated water will not run into a natural waterway (such as a stream, brook, lake, etc) or damage any desired vegetation (like your vegetable garden). Allow the water to flow until a strong chlorine odor is no longer apparent (generally 2 to 3 hours). If you have a low yield well, be careful not to pump the well dry.

9. Turn on each faucet in the house (one at a time), and run the water until the odor of chlorine is no longer present. It is recommended that you do not drink the water during this flushing period.

10. Once the flushing process is complete you may resume normal use of your water, keeping in mind that it may be two to three days before the chlorine odor and taste is completely gone.