

# Quantity of Disinfectant Necessary for Well Water Disinfecting

## Drilled Wells

Casing Size diameter in inches	Gals. of water per ft. of casing  * see below to determine depth	Ounces of product needed to disinfect one foot of water per casing size		
		5.25% to 6% Chlorine (liquid bleaches such as Clorox, Purex, or other brand)	10% Chlorine (liquid-bleach)	70% Chlorine (calcium hypochlorite in dry form)
2	0.16	0.041	0.021	0.0031
3	0.37	0.094	0.049	0.0071
4	0.65	0.165	0.087	0.0124
5	1.00	0.259	0.136	0.0194
6	1.50	0.381	0.200	0.0286
8	2.60	0.660	0.347	0.0495
10	4.10	1.036	0.544	0.0777
12	6.00	1.490	0.782	0.1118

1 cup=8 oz measuring cup

1 oz=1 heaping tablespoon granules

For example:

Casing Diameter	Oz Bleach	Depth of Casing	Total Amount of Bleach
5"	0.259	X 100 ft	= 25.9 oz

\* To determine the depth of the casing, use a string or cord at least 200 feet long and fasten a weight to one end. Lower the weight to the bottom of the well and mark the cord to indicate the top of the casing. Pull up the cord, watching for the point where it became wet, and mark that point. Pull up the remaining string and measure the length which was wet.

## DUG OR BORED WELLS

Diameter of Well (in feet)	3	4	5	6	7	8	10
Amount of 5.25% laundry bleach to use per foot of water (in cups)	1.50	3	4.25	6	9	12	18
Amount of 70% hypochlorite granules to use per foot of water (in ounces)	1	2	3	4	6	8	12