

Recommended Borate Rod Sizes and Spacing for Various Wood Dimensions

Nominal Size	Rod Size (Dia. x Length)	Hole Size (Dia. x Length)	Space Between Holes	No. Of Rods Per Hole
Dimensional Lumber				
1" x 1"	¼" x ½"	⅜" x ¾"	12"	1
1" x 2"	¼" x ½"	⅜" x 1"	8"	1
1" x 4"	¼" x ½"	⅜" x 2 ¼"	6"	2
1" x 6"	¼" x ½"	⅜" x 3 ¼"	4"	2
2" x 2"	¼" x ½"	⅜" x 1 ½"	7"	2
2" x 2"	⅜" x 1"	⅝" x 1 ½"	12"	1
2" x 4"	⅜" x 1"	⅝" x 2 ¾"	8"	1
2" x 6"	⅜" x 1"	⅝" x 3 ¾"	10"	2
2" x 8"	⅜" x 1"	⅝" x 4 ½"	7"	2
2" x 10"	⅜" x 1"	⅝" x 6"	8"	2
2" x 10"	½" x 2"	⅝" x 5 ½"	12"	1
2" x 12"	⅜" x 1"	⅝" x 7"	7"	3
2" x 12"	½" x 2"	⅝" x 6 ½"	10"	1
Sawn Timbers				
4" x 4"	½" x 2"	⅝" x 2 ¾"	14"	1
4" x 6"	½" x 2"	⅝" x 3 ¾"	9"	1
4" x 8"	½" x 2"	⅝" x 4 ¾"	6"	1
6" x 6"	½" x 2"	⅝" x 4 ¾"	11"	2
6" x 6"	¾" x 3"	1⅜" x 4 ¾"	15"	1
6" x 8"	½" x 2"	⅝" x 5 ¾"	8"	2
6" x 8"	¾" x 3"	1⅜" x 5 ¾"	14"	1
6" x 12"	¾" x 3"	1⅜" x 7 ¼"	9"	1
8" x 8"	¾" x 3"	1⅜" x 5 ¾"	10"	1
10" x 10"	¾" x 3"	1⅜" x 6 ¾"	13"	2
12" x 12"	¾" x 3"	1⅜" x 7 ¼"	9"	2
Round Logs, Posts And Poles				
4" Diameter	½" x 2"	⅝" x 2 ¾"	14"	1
6" Diameter	½" x 2"	⅝" x 4"	12"	2
6" Diameter	¾" x 3"	1⅜" x 4 ½"	15"	1
8" Diameter	¾" x 3"	1⅜" x 5"	12"	1
10" Diameter	¾" x 3"	1⅜" x 6"	7"	1
12" Diameter	¾" x 3"	1⅜" x 9"	10"	2
14" Diameter	¾" x 3"	1⅜" x 10"	7"	2
16" Diameter	¾" x 3"	1⅜" x 12"	9"	3
<p>Note: Recommended application rates are based upon rods being installed in a linear pattern. If necessary, holes can be drilled on an angle in order to have room for plug and expansion.</p> <p>Caution: When drilling into structural support members, such as a joist, consult your local building code authority for restrictions. Extensive drilling could result in structural weakening.</p>				