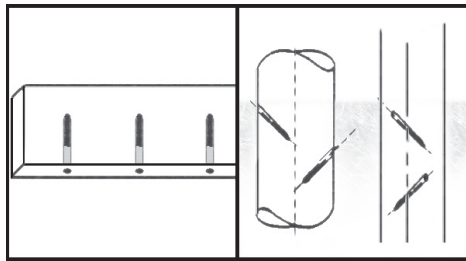


SUGGESTED SPACING & LOADING FOR HORIZONTAL APPLICATIONS

| Lumber size inches | 1/3" x 1" <i>Suggested hole size - 3/8"</i> <i>Spacing/Rods per Hole</i> | 1/2" x 2" <i>Suggested hole size - 1/2"</i> <i>Spacing/Rods per Hole</i> | 1/2" x 4" <i>Suggested hole size - 1/2"</i> <i>Spacing/Rods per Hole</i> | 3/4" x 3" <i>Suggested hole size - 13/16-7/8"</i> <i>Spacing/Rods per Hole</i> |
|--------------------|--|--|--|--|
| 2 x 4 | 14"/1 | -- | -- | -- |
| 2 x 6 | 9"/1 | -- | -- | -- |
| 2 x 8 | 7"/1 | -- | -- | -- |
| 2 x 10 | 11"/2 | -- | -- | -- |
| 2 x 12 | 9"/2 | -- | -- | -- |
| 4 x 4 | 7"/1 | 14"/1 | -- | -- |
| 4 x 6 | 9"/2 | 14"/1 | 14"/1 | -- |
| 4 x 8 | 7"/2 | 13"/1 | 14"/1 | -- |
| 6 x 6 | 6"/2 | 11"/1 | 14"/1 | 15"/1 |
| 6 x 8 | -- | 8"/1 | 14"/1 | 14"/1 |
| 6 x 12 | -- | 11"/2 | 10"/1 | 14"/1 |
| 8 x 8 | -- | 13"/2 | 12"/1 | 14"/1 |
| 10 x 10 | -- | 8"/2 | 8"/1 | 14"/1 |
| 12 x 12 | -- | 8"/3 | 11"/2 | 11"/1 |
| 4" | 9"/1 | 14"/1 | -- | -- |
| 6" | 8"/2 | 14"/1 | 14"/1 | -- |
| 8" | -- | 8"/1 | 14"/1 | 14"/1 |
| 10" | -- | 10"/2 | 10"/1 | 14"/1 |
| 12" | -- | 7"/2 | 7"/1 | 14"/1 |
| 14" | -- | 8"/3 | 10"/2 | 10"/1 |
| 16" | -- | 8"/4 | 8"/2 | 8"/1 |

Horizontal beams extending beyond the eaves are exposed to the elements and can easily rot. **Cobra™ Rods** are ideal for these situations and should be installed before decay sets in. Where significant decay has already occurred and repairs are being made, **Cobra™ Rods** should be installed in the remaining solid wood to prevent further decay.



The above chart shows loading and spacing to achieve a minimum loading of 2.0 oz. BAE per cubic foot. Individual situations may require calculating the volume of wood to be treated and placing sufficient **Cobra™ Rod** material (see packaging for exact amount of material per rod) to effect treatment. *Note: for best results rod spacing should not be more than 14".*

Normally, vertical posts and piles are treated in the ground line area. This is the area with the greatest decay potential - moisture and oxygen. To treat wood in this type of situation a minimum of one treatment hole should be drilled at or just below the ground line. A second treatment hole six to eight inches below this, in a different 'side' of the post is also very beneficial.

PACKAGE SIZES AVAILABLE

-  **20012** 25pk **Cobra™ Rod 1/3" x 1"**
-  **20305** 10pk **Cobra™ Rod 1/2" x 2"**
c/w 10 x 9/16 reusable plugs
-  **20096** 50pk **Cobra™ Rod 1/2" x 2"**
-  **20098** 100pk **Cobra™ Rod 1/2" x 2"**
-  **20376** 6pk **Cobra™ Rod 3/4" x 3"**
-  **20352** 12pk **Cobra™ Rod 3/4" x 3"**
c/w 12 x 15/16 reusable plugs
-  **20355** 100pk **Cobra™ Rod 3/4" x 3"**
-  **20341** 6pk **Cobra™ Rod 1/2" x 4"**
Includes: 6 x 9/16 reusable plugs
-  **20311** 50pk **Cobra™ Rod 1/2" x 4"**



www.genicsinc.com
1-877-943-6427

DIRECTIONS FOR USE

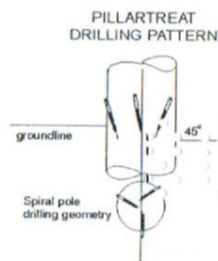
Cobra™ Rods are for remedial treatment of utility pole structures, dimensional lumber (round stock, square stock) or any non-food contact piece of wood. **Cobra™ Rods** are recommended for protection against fungal decay and insects. **Cobra™ Rods** can be used for all wood species.

Cobra™ Rods are effective against some kinds of termites. **Cobra™ Rods** are used internally in wood with a permanent or periodical moisture content above the fibre saturation point (30%) for Poles, etc. The rate of application for **Cobra™ Rods** is dependent upon the volume of wood to be treated. The recommended load is up to 6 oz. Boric Acid per cubic foot of wood. **Cobra™ Rods** contain 1.39 times equivalent Boric Acid (BAE).

To install **Cobra™ Rods**, the three step process is as follows:

1. Drill holes to accommodate the rod size needed.
2. Insert the correct size and quantity of **Cobra™ Rods** needed into the pre-drilled holes (determined from area to be treated)
3. Leave enough headroom to accommodate a 1/16" oversize plug. Never hammer the **Cobra™ Rods** during installation. Avoid dust formation. Do not break, crush, grind, mill or powder this product. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Inspections can be carried out every 5-8 years for industrial wood and every 8-10 years for commercial wood. If reusable plugs are used new rods may be inserted into the existing holes during the reinspection process and the same plugs tapped back into place. The angle at which the rods are installed should be 45° for commercial wood and 60-80° for industrial (large round stock) wood using a drill guide as the groundline zone. This will ensure the rods as placed in the most advantageous location for best diffusion results. The sapwood and heartwood interface in the outer shell is the best area, ensuring chemical loads are sufficient to provide adequate decay protection. If the wood is decayed sufficiently to be condemned and no reinforcement is mandated, DO NOT install **Cobra™ Rods**. Be careful during installation to not cause unacceptable structural damage to the wood during installation of rods.



Cobra™ Rods are placed into holes drilled in wood at specific locations and depend upon moisture to work. The rods are positioned so that moisture distributes the desired loadings throughout the target area. For remedial treatments of existing decay 6 oz. of Boric Acid Equivalent (BAE) per cubic foot of wood is recommended. For preventative treatments, 2 BAE/cf is sufficient.



Wood Preservative for Remedial Treatment of Utility Poles, Posts, Pilings, Millwork, Decks, Window Joinery and any non-food contact piece of wood

Protection of Wood Against Fungal Decay and Insects

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. **Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.**

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call poison control center or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling a poison control center or doctor.

CONTAINS INGREDIENTS LISTED BELOW FUSED AT HIGH TEMPERATURE TO FORM WATER SOLUBLE, CLEAR HARD AND GLASS-LIKE ROD. COMPARED TO THE CRYSTALLINE INGREDIENTS, THE GLASS RODS FUNCTION AS A SLOW RELEASE SYSTEM. **Cobra™ Rods** ARE MANUFACTURED IN DIFFERENT SIZES AND WEIGHTS INCLUDING SMALL WAFERS AND PELLETS.

ACTIVE INGREDIENTS:

- Disodium Octaborate Tetrahydrate 90.6%
- Boric Acid 4.7%
- Cupric Hydroxide (CAS 20427-59-2) 2.9%
- (as Copper Metal 1.89%)

- INERT INGREDIENTS 1.8%
- TOTAL 100.0%

US EPA Reg. No. 71653-2 **US EPA Est. No.** 71653-CAN-01

Genics Inc.
561 Acheson Rd. – 53016 Hwy 60
Acheson, Alberta T7X 5A7
(780) 962-1000 fax: (780) 962-1052

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

READ THE ENTIRE LABEL BEFORE USE

Cobra™ Rods BY SIZE AND BORIC ACID EQUIVALENT

| Dimensions Size Imperial | Weight Ounces | BAE Ounces |
|-----------------------------|------------------|---------------|
| ¼ x ½ " | 0.031 oz. | 0.043 oz. |
| 1/3 x ½ " | 0.056 oz | 0.077 oz |
| 1/3 x 1" | 0.111 oz | 0.154 oz |
| 1/3 x 2 5/8" | 0.291 oz | 0.405 oz |
| ½ x 2" | 0.499 oz | 0.694 oz |
| ½ x 4" | 0.749 oz | 1.041 oz |
| ¾ x 3" | 1.764 oz | 2.451 oz |
| 25/64 x 4 ½ " | 0.705 oz | 0.961 oz |

Precautionary Statements

Hazards to Humans and Domestic Animals: Harmful if swallowed. Avoid contact with eyes and skin. Avoid rubbing eyes while working with product. Avoid breathing dust, use only in well ventilated area.

Personal Protective Equipment (PPE): Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes and socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have become drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in a dry location at all times, out of reach of children and out of contact with food or feed.

Disposal: Excess rods may be disposed on site or at an approved waste disposal facility.

Container Disposal: Non-refillable container, Do not re-fill or re-use. If empty, offer for recycling if available or dispose of packaging in a sanitary landfill through ordinary trash collection, by incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke. If partly filled, dispose of on-site or call 1-800-CLEANUP or local authorities for disposal instructions.