

Farm & Ranch

Wolmanized®
HEAVY DUTY™
WOOD

WolmanizedWood.com

TOUGH. DURABLE. EFFECTIVE.

There are solid reasons why wood remains an ideal material to use in agricultural construction. It is widely available, has a higher ratio of strength to stiffness than steel or concrete, has greater electrical resistivity than metals and is easy to work. Wood also has a relatively high insulation value and, when used as siding, may help reduce heating bills. Furthermore, wood is the only major building material that's renewable, and it requires less energy to produce than other building products.

Wolmanized® CCA Heavy Duty™ wood combats the insect exposure and deterioration that occurs in barns and utility sheds.

Wolmanized® CCA Heavy Duty™ wood also resists decay-producing fungi when used in the construction of stables, greenhouses and laying parlors.

This wood even helps withstand other similar problems encountered because of the controlled atmosphere necessary to endure

- summer's heat or winter's cold in milk plants,
- cold storage warehouses, and
- tobacco storage buildings.

Fences and gates built with Wolmanized® CCA Heavy Duty™ wood have created strong, long-lasting barriers that have stood up to pressure from livestock, soil and weather conditions.

Although Wolmanized® CCA Heavy Duty™ wood's primary strength lies in its resistant qualities, it also has other advantages:

- It's clean — paintable, if desired.
- It's odor-free, oil-free, and easy to handle.
- It's so durable that it may well outlast conventional hardware, therefore hot-dipped galvanized fasteners are recommended.
- It should not affect shingles or tar paper underlayment.

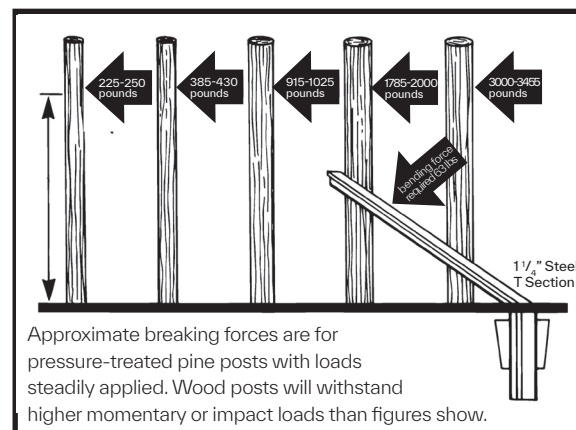
Build a Dependable Fence with a Dependable Product

An ideal agricultural fence post should be strong, long-lasting, economical, and available when you want it. This is why it makes practical sense to use Wolmanized® Heavy Duty™ posts, pressure-treated with CCA (chromated copper arsenate) preservative.

STRENGTH. RENEWABILITY.

Wood is exceptionally strong for its weight. Because of its superior strength, wood is nearly always recommended for end posts, gates, and braces.

And wood offers another advantage that has grown in importance: it is a renewable resource. Wood is also economical, requires less energy to produce than other building materials, and is readily modified during construction.



RETENTION REQUIREMENTS

Standards of the American Wood Protection Association

Application	Required Retention (pcf)
Foundation Lumber, Timbers, and Plywood	
Ground/ Fresh Water Contact	0.40
Salt Water Splash	0.60
Wood Foundation	0.60
Salt Water Immersion	2.50
Piling and Columns	
Structural Poles	0.60
Foundation/Fresh Water	0.80



Wolmanized® CCA Heavy Duty™ wood is an ideal structural material for today's farmers and ranchers in post frame construction as well as in the construction of pole barns.

TRIED. TESTED. PROVEN.



Wolmanized® wood has undergone extensive use and testing around the world.

The Bell Telephone Laboratories, the United States Department of Agriculture Forest Products Laboratory and agricultural departments of leading universities have

performed test after test on the use of wood pressure-treated with CCA chemicals. When properly used, no significant harmful effects to the environment, food or livestock have been found.

LIFE CYCLE ASSESSMENT

An independent life cycle assessment confirmed that wood treated with CCA uses less energy and resources, offsets fossil fuel use, and has a reduced environmental impact when compared to concrete, steel and fiber-reinforced composite. For more information see the report at www.WolmanizedWood.com.



TREATMENT PROCESS

In the treating process, CCA preservative is applied by pressure. The solution is reduced by the wood sugars to form precipitates in the wood cells, well below the surface area. Dip treatments and brush-on preservatives can't provide the penetration, and therefore lasting resistance, of pressure-treated wood.

The Wolman® CCA preservative in Wolmanized® wood is leach resistant, nonvolatile, and will not evaporate. Wolman® preservatives dramatically extend wood longevity and minimize maintenance.



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