



**Department of  
Renewable Natural  
Resources**

Disclosure 0812

## Fly Ash Wood Treatment

### **Description:**

Agcenter scientists have discovered a new fly ash based wood treatment to reduce water penetration and movement in wood and prevent boron leaching. This invention adds small fillings into the void spaces in wood, trapping the boron inside the wood and keeping wood degrading organisms out. Unlike many treatments, this can be used with wood for exterior construction like decking and fencing.

### **Advantage:**

- Greatly reduces boron leaching
- Preserves wood longer
- Works with exterior construction
- Low cost

### **Commercial Uses:**

- Wood treatment

### **Intellectual Property on the Web:**

[http://www.lsuagcenter.com/en/administration/about\\_us/chancellors\\_office/intellectual\\_property/](http://www.lsuagcenter.com/en/administration/about_us/chancellors_office/intellectual_property/)