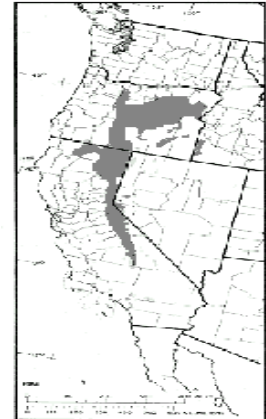


# NewAg Juniper

*Juniperus Occidentalis ~ Western Juniper*

## The Organic Solution



Native Range of Western Juniper

**No Chemicals  
Burnable - Disposable**

**Natural Durability  
Very Resistant to Rot and Decay**

### Natural Heartwood Durability

“For woods that have a natural durability, such as juniper, preservative treatment is not necessary”(1).

In a long-term fence post service life study since 1928, Oregon State University reported Western Juniper to last 30+ years, longer than any other untreated western species (2).

Western Juniper has been used for decades for fence posts, poles, corrals, and firewood because it is extremely durable and resistant to rot (4).

### Heartwood For In-Ground Use

“Because decay resistance is imparted by chemicals that occur only in heartwood, sapwood of all species is readily susceptible to decay.” (5)

### Easy Disposal

Western Juniper burns clean and produces little ash, eliminating the disposal problems associated with treated wood and steel (4).

### ..... Durability Classification Scale (3) .....

1. Very Resistant	Western Juniper	= 1
2. Resistant	Redwood	= 2
3. Moderately Resistant	Western Redcedar	= 2
4. Nonresistant	Fir & Pine (Untreated)	= 3-4

#### References:

- (1) S&PF Technology Marketing Unit. 2001. Wood Fence Posts. USDA Forest Service, Forest Products Laboratory, Madison, WI
- (2) Morrell, J.J.; Miller, D.J.; Scheider, P.F. 1999. Service life of treated and untreated fence posts: 1996 post farm report. Research Contribution 26, Forest Research Laboratory, Oregon State University.
- (3) Scheffer, T.C.; Morrell, J.J. 1998. Natural Durability of Wood: A Worldwide Checklist of Species. Research Contribution 22. Forest Research Laboratory, Oregon State University.
- (4) Dealy, J.E. 1990. *Juniperus occidentalis* Hook. western juniper. In: Burns, R. M.; Honkala, B.H., technical coordinators. *Silvics of North America. Volume 1. Conifers. Agric. Handb. 654.* USDA Forest Service, Washington, DC
- (5) Haygreen, J.G. and J.L. Bowyer. 1994. *Forest Products and Wood Science.* Iowa State University Press, Ames IA Page 33.