

# Wood Ash

Jay, ME



## PRODUCT INFORMATION:

Wood Ash is produced from the combustion of clean wood and bark to produce electricity. The resulting product is a agricultural soil amendment ideal for balancing soil pH and enhancing nutrient levels. Wood Ash contains significant amounts of magnesium, potassium and many other micronutrients important to healthy crop growth. Since 1983, Wood Ash has been chosen by farmers to increase soil pH, improve soil fertility and increase crop yield. Wood Ash is easily applied with conventional lime or manure spreading equipment.



## PRODUCT ANALYSES

	Average	lbs/ton
pH	12.3	n/a
Organic Matter	33.0%	416
Total Calcium	14.9%	188
Calcium Carbonate Equivalency	42.9%	540
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	0.38%	4.8
Available Potash (K <sub>2</sub> O)	1.1%	13.9
Total Magnesium	0.69%	8
Iron	0.8%	10.1
Manganese	0.5%	6.3
Total Solids	63.0%	n/a

Data based on averages (dry weight) of representative analyses. Lbs/ton values based on product as received.

## USE RECOMMENDATIONS:

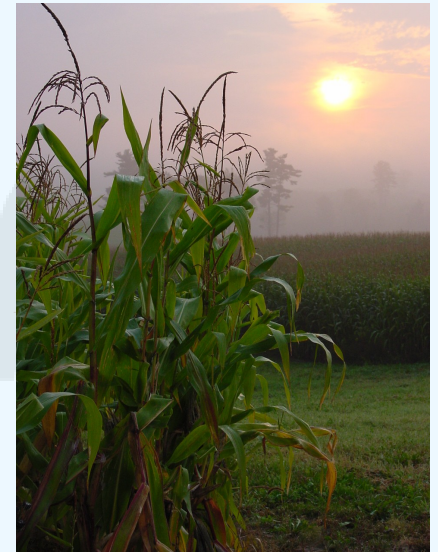
**Composting:** Wood ash is used as a bulking agent at compost operations throughout New England. Wood ash helps control compost odors, improves handling of wet materials, and provides beneficial nutrients.

**Topsoil:** Wood Ash serves as an important ingredient in topsoil production. Wood Ash balances soil pH, darkens blended materials, add valuable micronutrients and organic matter. Check with your Casella Organics representative for state by state use guidelines.

**Agriculture:** An application of 2.5 tons/acre of Jay, ME Wood Ash is approximately equivalent to the liming value of one ton of commercial lime and provides 35 lbs of soluble K, 20 lbs of Magnesium, and 12 lbs of available P.

## CONTACT US:

Saco, ME	207.347.3600
Hermon, ME	207.948.5350
Concord, NH	603.228.6482
Clifton Park, NY	518.383.0137
Chateaugay, NY	518-497-6496



PRODUCT VALUE:	Nutrient Cost per lb <sup>1</sup>	Nutrient Value in one ton of product
Available Phosphoric Acid (P)	\$0.54	\$2.59
Soluble Potash (K)	\$0.31	\$4.31
Magnesium (Mg)	\$2.03	\$16.24
Lime (CaCO <sub>3</sub> )	\$0.05	\$27.00

**Total value of nutrients in one ton of Jay, ME Wood Ash = \$50.14/ton.**

<sup>1</sup>Cost per pound of commercial fertilizer for Nitrogen (\$385/ton), Monoammonium Phosphate MAP (\$520/ton), Muriate of Potash (\$375/ton), KMag (\$450/ton), Kieserite Mg (\$510/ton), and Lime (\$70/ton).

