

INVESTMENT IN EUCALYPTUS PLANTATION

Eucalyptus is a tree rather unpretentious and good growing. The density of dry wood is of 700 to 900 kg/m³. Wood has high durability and bio persistence. Eucalyptus is used in construction, in manufacture of furniture, flooring, windows, doors and finishing materials. Eucalyptus wood has color ranges of light (almost white) to pink and dark red. The texture of the tree is very beautiful and very well to varnish.



Eucalyptus leaves are green all year round. They are flying into the air and a lot of volatile essential oil that heals the air and repel insects. Eucalyptus leaves contain up to 10% tannins, a bitter substance, resin, organic acids, volatile, 1.5-3% essential oil, as well as macro-(potassium, calcium, magnesium, iron) and minerals (manganese, copper, zinc, cobalt, molybdenum, chromium, aluminum, barium, selenium, nickel, strontium, lead, iodine and boron). Eucalyptus leaves and essential oils made of Eucalyptus leaves have strong antibacterial, healing and disinfectant properties. In medicine, infusion of leaves of Eucalyptus and Eucalyptus oil is widely used for inhalation for respiratory diseases (laryngitis, tracheitis, bronchitis, catarrhal and purulent, abscesses and gangrene of the lungs), wash infected wounds, fistulas, ulcers. The infusion of eucalyptus is also recommended for acute gastro-intestinal diseases, blepharitis in ophthalmic practice.

Eucalyptus wood is widely used for pulp production. In addition, Eucalyptus can be used to make charcoal (is widely used in Bolivia).

The leaves can be harvested from the third to seventh year of growth. In the volume of leaves collected around 10 tons per hectare.

By the seventh year, under normal conditions, the minimum amount of eucalyptus wood per hectare - 280 m³.

At the beginning of 2014, the minimum export price of wood was about USD 170 per 1m³. The price of 1 kilogram of eucalyptus leaves is about 2 dollars.

The cost of planting eucalyptus seedlings per hectare is about USD 1,800. The cost of maintaining 1 hectare does not exceed USD 700 per year.

Investment in plantations of eucalyptus beneficial for the following reasons:

- ✓ Eucalyptus is a hard wood with high strength, good and fast growing, little exposed to destruction by insects;
- ✓ In a tropical climate, with sufficient rainfall, the productivity of wood is more of 40 m³ per hectare per year;
- ✓ In addition to the sale of Eucalyptus wood makes it possible to collect and sell the leaves of eucalyptus, and eucalyptus honey;
- ✓ Eucalyptus wood is used for charcoal production, pulp, furniture, paneling, doors, windows, flooring....

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