



Dye-plant extracts

**Plant dyes ready for use
For textile, wood, paper dyeing**

ADVICES TO DYE WITH NATURAL DYES

Our products

Natural dyes Couleurs de Plantes® are produced in France, mainly from plants grown on the Atlantic Coast (Poitou-Charentes region) under specifications and respect the principles of sustainable agriculture. An important work on plant selection, field management and innovative environmentally-friendly extractions provide these reach and easy to use water soluble dye extracts. Products from mild regions complete our selection.

Both innovative and carrying historical values, these products will dye any kind of fibre or substrate to create your own household linen, garment, furnishing fabrics, decorative and craft products.

Textile dyeing

Natural dyes Couleurs de Plantes® will provide a large range of nice shades on natural fibres (silk, wool, linen, hemp, cotton, bamboo...) and can also dye some synthetic fibres (polyamide...).

Dyeing from natural dyes (except for indigos – different process) needs a step of mordanting consisting in a preliminary treatment with a metallic salt (potassium alum being the most known) that will allow a good fixation of the natural dye.

The shade obtained will depend of the nature and quantity of dye and mordant used.

Instructions and advices

1. Use preferably **stainless steel or enamel** houseware or tanks, large enough to contain an important volume of water (15-20 L x WOF); wear gloves. Soft water will help mordanting, especially for cellulosic fibres;
2. Weigh dry fibres before rinsing to determine WOF (Weight Of Fibre), then calculate the mordant and dye extracts necessary from the table below;
3. **Fibres must be rinsed** in mild water with soap **prior to dyebath**. For cellulosic fibres (cotton, linen, hemp) add a few crystals of soda or potash;
4. Dilute the mordant into mild water (40°C), then immerse fibres;
5. Heat to 80°C for 45 mn while stirring. Allow fibres to cool **into the bath**;
6. Remove fibres from mordanting bath and rinse them with plenty of cold water;
7. Dilute the dye extract into mild water (40°C), pour into the dyebath, then immerse mordanted wet fibres;
8. Heat to 80°C for 45 mn while stirring. Allow fibres to cool **into the bath**;
9. Remove dyed fibres from bath, rinse with mild water, leave them drying;

Indicative quantities to dye 1 Kg fibre

Fibres	Mordant	Qty of mordant	Qty of dye extract*	Shade
Wool, silk, polyamide	Alum, ferrous sulfate, copper sulfate...	10 - 30 g	10-30 g	Intense
			10 g or less	Light
Cotton, linen, hemp	Alum, ferrous sulfate, copper sulfate + sodium carbonate	30 - 50 g	30-50 g	Intense
			30 g or less	Light

* Note : Dye extracts from chlorophyllin and cochineal are more concentrated. Quantities given can be divided twice.

IMPORTANT

**Our products are only intended for textile dyeing or decorative products
Do not use for food. Keep away from Children.**

COULEURS DE PLANTES®

24D, Z.I. des Sœurs Ouest; Rue Emile Penaud; F-17300 ROCHEFORT; FRANCE

Tél. +33 (0)5 46 99 32 49 - Fax +33 (0)5 46 99 35 21 - contact2@couleurs-de-plantes.com - www.couleurs-de-plantes.com