

# Instructions for dyeing with the WEJA Plant Dye Kit



## Cotton or linen

### Depth of color shades

With the WEJA dyeing kit different levels of color intensities can be produced. Generally, an increase in the amount of textile and / or water leads to a decrease in color intensity. The following table will serve as a reference for the choice of the amount of textile and water. For dyeing in the washing machine refer to the amounts corresponding to 20 l and 25 l.

| depth of color shades | amount of water [l] | WEJA-dyeing kit | weight of textile [g] |
|-----------------------|---------------------|-----------------|-----------------------|
| strong                | 7,5                 | 50 g            | 100                   |
|                       | 20                  | 250 g           | 500                   |
|                       | 40                  | 2 x 250 g       | 1000                  |
|                       | 80                  | 1000 g          | 2000                  |
| standard              | 10                  | 50 g            | 150                   |
|                       | 25                  | 250 g           | 750                   |
|                       | 50                  | 2 x 250 g       | 1500                  |
|                       | 100                 | 1000 g          | 3000                  |
| pastel                | 20                  | 50 g            | 300                   |
|                       | 50                  | 250 g           | 1500                  |
|                       | 100                 | 2 x 250 g       | 3000                  |
|                       | 200                 | 1000 g          | 6000                  |

**Tip:** WEJA Elderberry blue is not suitable for pastel-dyeing.

## Dyeing in the washing machine

1. Take the numbered bags from the WEJA dyeing kit.
2. Insert the material to be dyed into the drum of your washing machine. Close the drum.
3. Empty the PE bag with the No. 1 in the cleaned compartment for prewash of your washing machine and rinse with little water.
4. Set the temperature and washing time on your washing machine as indicated on page 2. Select a programme with rinsing process, but do not spin if possible. Start the programme.
5. Open the washing machine after completion of the programme, leave the textile in the drum, place the bag marked with the next higher number into the washing machine and proceed with section 4. Attention: With the colors elderberry blue and mistletoe green the pre- and after-mordant has to be emptied as described in section 3. With the color elderberry blue the dyeing bag must be removed before using the mordant in bag No.4.

**Tips for use:** If you can't set the time and/or temperature on your washing machine, select the boiling-programme. If the boiling programme is shorter than the required duration, you will have to turn off the washing machine before the rinsing starts, reset the boiling-programme to the start and turn the washing machine on again. The boiling programme will start again. Using this technique you can extend the duration of the boiling programme to meet the requirements. With dyeing, a color change of the rubber, plastic and PVC pipes in the washing machine cannot be excluded. We recommend a boiling programme without any content directly after dyeing, to clean the machine. During the dyeing process, foam formation may occur.

# Dyeing in an open pot



1. See page 1 regarding the depths of the color shades in connection with the amount of water needed.
2. Place bag 1 and the textile to be dyed in a pot containing cold water.
3. Heat up slowly to the temperature indicated on page 2.
4. Keep temperature at a constant level for the duration indicated and keep moving the textile around in the fluid.
5. Let fluid cool down.
6. Take textile out of the pot and rinse it with water.
7. Empty the pot.
8. Replace the rinsed textile in the pot, refill it with cold water, add the bag marked with the next higher number and proceed as described in steps 3 - 7. Use any remaining bags in the same way.

**Tips for use:** Through the slow heating and cooling process, you retain the natural fibre structure. Through the movement of the textile, the formation of stains is reduced. Dyeing in washing machines usually produces a more even dye.

| Dye               | Bag | time (min) | temperature (°C) |
|-------------------|-----|------------|------------------|
| Mignonette yellow | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Lac-red           | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Nut brown         | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Catechu russet    | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Madder apricot    | 1   | 30         | 98               |
|                   | 2   | 60         | 80               |
| Elderberry blue   | 1   | 30         | 98               |
|                   | 2   | 30         | 80               |
|                   | 3   | 60         | 98               |
|                   | 4   | 30         | 80               |
| Mango             | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Anthracite        | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Olive green       | 1   | 30         | 98               |
|                   | 2   | 60         | 98               |
| Mistel green*     | 1   | 30         | 98               |
|                   | 2   | 30         | 80               |
|                   | 3   | 60         | 98               |

\* low fastness to light

**Tip:** Treating cotton or linen at 98°C usually doesn't harm the fibre. However, please follow the washing instructions on your textiles.

## Washing the dyed textiles

Dyed textiles should only be washed with a detergent for color, free of brighteners/bleach at temperatures up to 40°C. Dyed textiles should the first time be washed separately.