

## ***Alchemilla mollis*** **Thriller®**

Lady's Mantle

### ***Culture guide***

#### **Uses:**

Vigorous bed and border perennial for open positions, medicinal herb, shrub plants, cut flower production

#### **Exposure:**

Sun - Partial shade

#### **Garden height:**

20" / 50 cm

#### **Crop time:**

11-13 months

#### **Sow time:**

November-March for green pots; April-July for flowering pots

#### **Sowing method:**

2-3 seeds per plug

#### **Germination:**

7-12 days at 68-72 °F (20-22 °C), in media with low soluble salt levels and a pH range of 5.8-6.5. Cover seed lightly. Finish plugs at 65-72 °F (19-22 °C) for 4-6 weeks. Can also be treated as cold germinator.

#### **Growing On:**

Grow on and force plants at 55-65 °F (12-18 °C).

#### **Media:**

Use a well-drained, growing perennial substrate with 0-15 % clay, 0-15 % organic parts (e.g. wood fibres, bark, compost), 1-1,5 kg/m<sup>3</sup> complete balanced fertilizer, 2-3 kg/m<sup>3</sup> slow release fertilizer (3-9 months), iron-chelate, micronutrients, pH: 5.8-6.5. Field: humus, loamy soils. Alchemilla have low demands to the soil. Standard fertilization: 50-80 g/m<sup>2</sup> slow release fertilizer.

#### **Temperature:**

Grow at 12-15 °C. In winter indoors frost free at 3-5 °C or outdoors. In spring the plants start to grow at 12-18 °C.

#### **Fertilization:**

Moderate fertilization levels are required. Fertilize the crop weekly with 80-100 ppm nitrogen (at 3 kg/m<sup>3</sup> slow release fertilizer in substrate), using a potassium balanced fertilizer (N: K<sub>2</sub>O-ratio: 1:1,5). Avoid high ammonium and high nitrogen levels. Don't fertilize after mid September. In spring fertilize with 80-100 ppm nitrogen of a complete balanced fertilizer. Prevent magnesium deficiency by applying magnesium sulphate (0,025 %) 1-2 times and in case of iron deficiency apply iron-chelate for 1-2 times. Field: If necessary according to analysis, improve the soil with 80-100 g/m<sup>2</sup> slow release fertilizer per year, applied in several portions. N min soil value: approximately 50-60 g N/m<sup>2</sup>.