



Kalsnava Tree Nursery

The tree nursery at Kalsnava was started already in 1928.

In 1977, the Forest Research Station *Kalsnava* launched the container stock for use in forest regeneration.

With the joint stock company „Latvijas valsts meži” established in 2000 the cultivation of ornamentals of broadleaved and conifer species was enlarged.

The planting stock of distinguished ornamental qualities offered for sales is derived by using the scions and cuttings obtained from our own collection of trees and shrubs having excellent traits of the respective species. Our aim is to cultivate superior quality and winter-hardy ornamental trees and shrubs that would meet the requirements of any customer.

Sales of forest and ornamentals planting stock

- Fast-growing aspen – the container stock in HIKO V–310 cell trays
- Ornamentals stock
- Broadleaved trees and shrubs
- Conifers suitable for hedges and planting in groups
- Grafts
- Bareroots
- Potted stock
- Christmas trees (spruces and firs) in pots

Address:

Kalsnavas kokaudzētava, Pārupes iela 7,
 Jaunkalsnava, Madonas novads, LV-4860
 Phone: 371 64826532; Fax: 371 64826532

Website address: www.lvm.lv

Manager Mr Jānis Lapše

Cell phone: 371 29435141; e-mail: j.lapse@lvm.lv

Deputy manager Mr Raimonds Rudzītis

Cell phone: 371 26668522; e-mail: r.rudzitis@lvm.lv

Head of the Plant Cultures Laboratory Ms Natālija Krivāre

Cell phone: 371 29243403; e-mail: n.krivare@lvm.lv

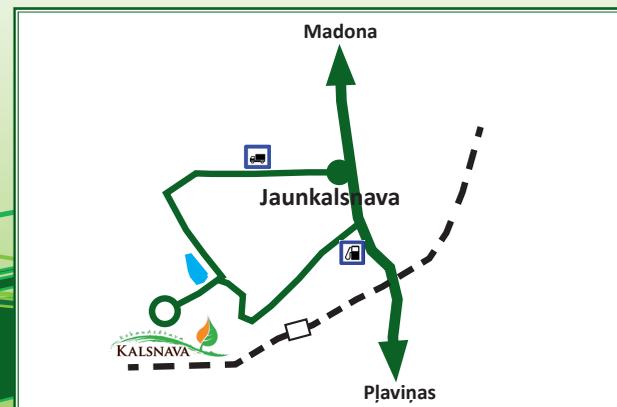
Sales manager of ornamentals Ms Aija Vītoliņa

Cell phone: 371 26528088

Working hours

On weekdays from 8 a.m. to 6 p.m.

On Saturdays from 9 a.m. to 2 p.m.





Ornamentals stock

Bareroots

- Cultivation in separate sites on the nursery precincts with due care for optimum growth and development of the plants.
- To achieve a compact root ball the roots of plants are sheared off on a regular basis.
- To improve the ornamental qualities the plant crowns are shaped during the spring and summer season.



Potted stock

- Plants are grown in container-type pots of the volume between 1 and 35 litres. The advantage of this stock, when planted out on the customer's site, is good survival over the whole growing season.
- After potting the stock is set out in the field to adapt it to the climate of the Central Vidzeme Uplands.
- To ensure optimum growth the stock is re-potted annually in pots of the required volume accompanied by mineral nutrition; watering is by drop irrigation or by using pipe sprinklers on movable frame.

Kalsnava Tree Nursery offers the most winter-hardy planting stock for the climate of Latvia. The nursery has at its disposal totally 400 varieties of conifers and 400 of broadleaves.



Fast-growing aspen

The fast-growing aspen cultivated in Latvia is an interspecies hybrid of the American aspen *Populus tremuloides* and the common aspen *Populus tremula*.

Plantation cultivation of the fast-growing aspen

- Site preparation improves the soil structure and aeration and suppresses the growth of undesired vegetation.
- Intensive control of competing vegetation in the first 3 to 5 years of growth is a must.
- The most common planting pattern is 3 x 3m, resulting in 1,100 plants per hectare.
- To protect the plantation against rodents (hare, mice) plants are encased in plastic tubes (length 15–30cm) and repellents are used.

Advantages

- Convenient planting as with planting out the container stock.
- Once the plantation is harvested, the coppice growth ensures two more harvests.
- The rotation cycle for fast-growing aspen is accepted to be 25 years (compared to 50 years for common aspen).
- The assortment yield is not only energy wood but also pulpwood and timber for sawn wood.
- The mean height of plantation crops is 25m, diameter 25 cm, stock volume 300–400 m³/ha.