



## Alnus x spaethii 'Spaeth'



|                              |                                                                                                                   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Height</b>                | 15 - 20 m, fast growing                                                                                           |
| <b>Crown</b>                 | broad conical, half-open crown                                                                                    |
| <b>Bark and branches</b>     | grey                                                                                                              |
| <b>Leaf</b>                  | green, purple                                                                                                     |
| <b>Flowers</b>               | brown/yellow, flowers in January                                                                                  |
| <b>Fruits</b>                | dark violet                                                                                                       |
| <b>Spines/thorns</b>         | None                                                                                                              |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                                                           |
| <b>Soil type</b>             | clay soil, loamy soil, sandy soil, peaty soil                                                                     |
| <b>Soil moisture</b>         | suitable for dry soil, withstand short flood, withstand long flood                                                |
| <b>Paving</b>                | tolerates paving                                                                                                  |
| <b>Winter hardiness zone</b> | 6a (-23,3 to -20,6 °C)                                                                                            |
| <b>Wind resistance</b>       | good                                                                                                              |
| <b>Other resistances</b>     | resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt                                     |
| <b>Application</b>           | avenues and broad streets, parks, squares, cemeteries, coastal areas, industrial areas, large gardens, windbreaks |
| <b>Shape</b>                 | clearstem tree                                                                                                    |

Fast-growing sturdy tree, a hybrid between *A. japonica* and *A. subcordata*. Initially, the branches grow straight up, later bending horizontally. Young branches are grey-green and older branches turn brown-green and have many lenticels. The leaf buds are on small stalks. The scattered, sharply serrated and dark green leaves grow to about 15 cm and unfurl purplish. It is oblong to ovate, appears early in spring and stays on the tree for a long time. The first brown-yellow catkins often appear as early as the end of January. Grows on all types of soil and is very hardy. Has no problems with (sea) wind. *Alnus spaethii* is a highly valued and frequently used alder found by Ludwig Späth in the Späth Arboretum near the Späth Baumschulen in Berlin.