



## Sequoia sempervirens 'Korbel KT'



|                              |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>Height</b>                | 20 - 30 (65) m                                                                           |
| <b>Width</b>                 | 5-7m                                                                                     |
| <b>Crown</b>                 | columnar                                                                                 |
| <b>Bark and branches</b>     | twigs reddish brown, bark orange brown, thick and softly fibrous, flaking in long strips |
| <b>Leaf</b>                  | needles, arranged in spiral shape, dark green, 1.5 - 2,5 cm, green                       |
| <b>Flowers</b>               | inconspicuous                                                                            |
| <b>Fruits</b>                | hanging, ovoid cones, about 1,5 - 3 cm                                                   |
| <b>Spines/thorns</b>         | None                                                                                     |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                                  |
| <b>Soil type</b>             | sandy, loamy soil, well-permeable                                                        |
| <b>Soil moisture</b>         | suitable for wet soil                                                                    |
| <b>Paving</b>                | tolerates no paving                                                                      |
| <b>Winter hardiness zone</b> | 8a (-12,2 to -9,5 °C)                                                                    |
| <b>Wind resistance</b>       | good, also tolerates sea wind                                                            |
| <b>Other resistances</b>     | can withstand wind                                                                       |
| <b>Application</b>           | coastal areas                                                                            |
| <b>Shape</b>                 | clearstem tree, clearstem conifer, specimen conifer                                      |
| <b>Origin</b>                | U.S. National Arboretum, Washington D.C., USA, 2003                                      |

'Korbel KT' is a large tree that, despite its eventual size, grows "only" half as tall as the species *Sequoia sempervirens*. Most striking difference from the species is the narrower crown shape; 'Korbel KT' has a dense, columnar crown. The tips of the lower side branches face upwards. In 1966, cuttings from six downed wild trees near Korbel, California, were cut, recorded and rooted for a study. In 1970, six of these cuttings were found to have abnormal growth form; all six of these cuttings had been cut from one branch (mutant) from the top of one of the trees. All other cuttings cut from (other parts of) this tree did not show this aberrant shape. After further study, these six aberrant plants were marketed in 1983. Initially as an alternative Christmas tree. Applicable as a solitary in parks and large gardens. But also as avenue tree in green spaces.