

Tabla de coeficientes correspondientes a la especie según su zona climática (Revisión año 200

CONIFERAS

<u>Nombre Botánico</u>	<u>Cfb</u>	<u>Csb</u>	<u>Csa</u>
Abies alba	33.82	41.35	37.59
Abies cephalonica	85.86	104.94	95.4
Abies concolor	152.79	186.75	169.77
Abies homolepis	80.14	97.94	89.04
Abies koreana	160.27	195.89	178.08
Abies nordmanniana	85.86	104.94	95.4
Abies pinsapo	152.79	186.75	169.77
Abies procera	90.63	110.77	100.7
Araucaria araucana	193.19	236.12	214.65
Araucaria heterophylla	96.6	118.06	107.33
Calocedrus decurrens	81.52	99.65	90.59
Cedrus atlantica	88.25	107.86	98.05
Cedrus atlantica 'Glauca'	96.54	118	107.27
Cedrus deodara	100.65	123.01	111.83
Cedrus libani	97.79	119.52	108.65
Chamaecyparis lawsoniana	76.32	93.28	84.8
Chamaecyparis nootkatensis	76.32	93.28	84.8
Chamaecyparis obtusa	143.1	174.9	159
Chamaecyparis pisifera	138.33	169.07	153.7
Cryptomeria japonica	71.55	87.45	79.5
Cunninghamia lanceolata	100.65	123.01	111.83
Cupressocyparis x leylandii	75.67	92.49	84.08
Cupressus arizonica	75.37	92.11	83.74
Cupressus macrocarpa	90.66	110.8	100.73
Cupressus macrocarpa 'Gol creast ' cone '	100.84	123.25	112.04
	82.67	101.04	91.85
Cupressus sempervirens	76.32	93.28	84.8
Cupressus sempervirens 'fastigiata'	76.95	94.04	85.49
Cupressus sempervirens 'tottem'	92.11	112.58	102.34
Juniperus chinensis	35.78	43.73	39.75
Juniperus communis	37.68	46.06	41.87
Juniperus sabina	35.78	43.73	39.75
Juniperus virginiana	76.32	93.28	84.8
Larix decidua	78.23	95.61	86.92
Larix kaempferi	78.23	95.61	86.92
Libocedrus chilensis	23.85	29.15	26.5
Metasequoia glyptostroboides	42.93	52.47	47.7
Picea abies	46.27	56.55	51.41
Picea breweriana	370.15	452.41	411.28
Picea engelmannii	119.25	145.75	132.5
Picea glauca	58.19	71.13	64.66
Picea omorika	46.27	56.55	51.41
Picea orientalis	58.3	58.3	58.3

<i>Picea pungens</i>	95.4	116.6	106
<i>Picea pungens koster</i>	58.19	71.13	64.66
<i>Pinus banksiana</i>	59.06	72.19	65.62
<i>Pinus brutia</i>	74.79	91.41	83.1
<i>Pinus halepensis</i>	53.42	65.3	59.36
<i>Pinus leucodermis</i>	59.06	72.19	65.62
<i>Pinus nigra laricio</i>	48.02	58.68	53.35
<i>Pinus nigra nigra</i>	48.02	58.68	53.35
<i>Pinus pinaster</i>	62.01	75.79	68.9
<i>Pinus pinea</i>	72.5	88.62	80.56
<i>Pinus radiata</i>	65.75	80.36	73.06
<i>Pinus strobus</i>	65.75	80.36	73.06
<i>Pinus sylvestris</i>	48.02	58.68	53.35
<i>Pinus uncinata</i>	48.02	58.68	53.35
<i>Pseudolarix</i>	40.26	49.21	44.73
<i>Pseudotsuga menziesii</i>	24.94	30.48	27.71
<i>Sciadopitys verticilata</i>	152.79	186.75	169.77
<i>Sequoia sempervirens</i>	53.42	65.3	59.36
<i>Sequoiadendron giganteum</i>	70.84	86.58	78.71
<i>Taxodium distichum</i>	24.74	30.23	27.49
<i>Taxus baccata</i>	124.02	151.58	137.8
<i>Thuja occidentalis</i>	66.78	81.62	74.2
<i>Thuja orientalis</i>	85.86	104.94	95.4
<i>Thuja plicata</i>	83.48	102.03	92.75
<i>Thujopsis dolabrata</i>	138.55	169.34	153.94
<i>Tsuga canadensis</i>	62.01	75.79	68.9

FRONDOSAS

<u>Nombre Botánico</u>	<u>Cfb</u>	<u>Csb</u>	<u>Csa</u>
<i>Acacia dealbata</i>	15.26	16.96	18.66
<i>Acacia melanoxylon</i>	24.4	27.11	29.83
<i>Acer buergerianum</i>	16.79	18.66	20.52
<i>Acer campestre</i>	16.79	18.66	20.52
<i>Acer freemanii 'Autumn Blaze'</i>	30.19	33.54	36.89
<i>Acer ginnala</i>	30.19	11.63	12.79
<i>Acer griseum</i>	30.19	11.63	12.79
<i>Acer monspessulanum</i>	57.2	63.56	69.92
<i>Acer negundo</i>	10.46	11.63	12.83
<i>Acer negundo 'Flamingo'</i>	24.36	27.06	29.76
<i>Acer negundo 'Violaceum'</i>	10.63	11.81	12.99
<i>Acer opalus</i>	48.68	54.08	59.49
<i>Acer platanoides</i>	12.27	13.64	15.01
<i>Acer platanoides 'Columnare'</i>	40.84	45.38	49.92
<i>Acer platanoides 'Crimson King'</i>	40.62	45.13	49.65
<i>Acer platanoides 'Drummondii'</i>	38.4	42.67	46.94
<i>Acer pseudop. 'Atropurpureum'</i>	12.74	14.15	15.57

Acer pseudop. 'Leopoldii'	18.65	20.71	22.78
Acer pseudoplatanus	12.27	13.64	15.01
Acer sacchari. 'Laciniatum Wieri'	16.44	18.26	20.09
Acer sacchari. 'Pyramidale'	15.13	16.8	18.49
Acer saccharinum	11.16	12.4	13.64
Aesculus carnea (X)	69.93	77.7	85.47
Aesculus carnea (X) 'Briotti'	69.93	77.7	85.47
Aesculus hippocastanum	42.64	47.38	52.12
Ailanthus altissima	7.25	8.06	8.86
Albizia julibrissin	28.61	31.79	34.97
Albizia julibrissin 'Umbrella'	38.59	42.88	47.17
Alnus cordata	10.71	11.89	13.08
Alnus glutinosa	10.71	11.89	13.08
Alnus incana	10.71	11.89	13.08
Betula pendula	22.48	24.98	27.49
Betula pendula 'Purpurea'	28.42	31.58	34.74
Betula pendula 'Youngii'	42.53	47.25	51.98
Betula pubescens	24.61	27.35	30.08
Betula pubescens 'Celtiberica'	24.61	27.35	30.08
Betula utilis	36.15	40.16	44.18
Betula utilis 'Doorenbos'	36.15	40.16	44.18
Betula utilis Ssp. Jacquemontii	36.15	40.16	44.18
Broussonetia papyrifera	16.86	18.74	20.62
Carpinus betulus	26.86	29.85	32.84
Carpinus betulus 'Fastigiata'	43.56	48.4	53.24
Castanea sativa	46.3	51.44	56.58
Casuarina equisetifolia	22.76	25.28	27.81
Catalpa bignonioides	10.36	11.5	12.66
Catalpa bungei	23.97	26.63	29.29
Celtis australis	23.54	26.16	28.78
Celtis occidentalis	18.33	20.36	22.4
Cercis canadensis	37.26	41.39	45.54
Cercis siliquastrum	39.11	43.46	47.81
Chitalpa tashkentensis	24.39	27.1	29.82
Citrus aurantium	44.27	49.18	54.1
Corylus avellana	11.12	12.36	13.6
Corylus colurna	27.45	30.51	33.56
Crataegus laevigata 'Paul's Scarlet'	47.71	53.01	58.31
Crataegus monogyna	28.3	31.45	34.6
Cydonia oblonga	11.12	12.36	13.6
Diospyros kaki	11.12	12.36	13.6
Elaeagnus angustifolia	20.88	23.2	25.52
Elaeagnus angustifolia 'Caspica'	22.08	24.53	26.98
Eucalyptus camaldulensis	4.17	4.63	5.1
Eucalyptus globulus	3.77	4.2	4.62
Fagus sylvatica	51.87	57.63	63.4
Fagus sylvatica 'Purpurea'	54.36	60.4	66.44
Fagus sylvatica 'Riversii'	65.47	72.74	80.01

Ficus carica	20.99	23.32	25.65
Firminiana simplex	13.78	15.31	16.83
Fraxinus americana	9.81	10.9	11.99
Fraxinus angustifolia	18.15	20.16	22.18
Fraxinus angustifolia 'Raywood'	31.35	34.84	38.33
Fraxinus excelsior	10.5	11.67	12.84
Fraxinus ornus	19.42	21.58	23.74
Ginkgo biloba	41.13	45.71	50.28
Gleditsia tr. 'Inermis'	15.67	17.41	19.14
Gleditsia tr. 'Sunburst'	18.48	20.53	22.59
Gleditsia triacanthos	12.06	13.4	14.73
Hibiscus syriacus	43.17	47.97	52.77
Juglans nigra	9.13	10.14	11.16
Juglans regia	11.12	12.35	13.59
Koelreuteria paniculata	25.26	28.07	30.88
Laburnum anagyroides	45.12	50.14	55.15
Laurus nobilis	66.01	73.34	80.68
Ligustrum japonicum	24.4	27.11	29.83
Ligustrum japonicum 'Variegatum'	35.88	39.87	43.85
Ligustrum ovalifolium	24.4	27.11	29.83
Liquidambar styraciflua	39.5	43.88	48.27
'Worplesdon'	39.5	43.88	48.27
Liriodendron tulipifera	31.92	35.47	39.02
Maclura pomifera	21.05	23.39	25.74
Magnolia grandiflora	93.3	103.67	114.03
Malus 'Evereste'	31.86	35.4	38.94
Malus domestica	11.12	12.36	13.6
Malus floribunda	26.9	29.89	32.88
Melia azedarach	17.16	19.07	20.98
Mespilus germanica	35.3	39.22	43.14
Morus alba	8.78	9.75	10.73
Morus alba 'Fruitless'	21.05	23.39	25.74
Morus alba 'Multicaulis'	10.32	11.47	12.61
Morus alba 'Pendula'	28.86	32.08	35.29
Morus bombycis	23.61	26.22	28.84
Olea europaea	46.07	51.19	56.31
Ostrya carpinifolia	26.86	29.85	32.84
Parrotia persica	41.69	46.32	50.95
Paulownia tomentosa	12.86	14.29	15.72
Platanus hispanica (X) 'Acerifolia'	10.41	11.56	12.72
Platanus orientalis 'Fastigiata'	20.79	23.1	25.41
Populus alba	10.45	11.62	12.78
Populus alba 'Nivea'	10.45	11.62	12.78
Populus alba 'Pyramidalis'	10.68	11.87	13.06
Populus euramericana (X)	3.77	4.2	4.62
Populus euramericana (X) 'Eridano'	4.17	4.63	5.1
Populus nigra	5.86	6.51	7.16
Populus nigra 'Italica'	6.91	7.67	8.44

Populus simonii	6.91	7.67	8.44
Populus simonii 'Fastigiata'	6.91	7.67	8.44
Populus teixana	6.91	7.67	8.44
Populus tremula	14.61	16.23	17.85
Prunus armeniaca	11.12	12.36	13.6
Prunus avium	26.62	29.57	32.53
Prunus avium 'Plena'	46.39	51.54	56.69
Prunus cerasifera 'Nigra'	43.44	48.26	53.08
Prunus cerasifera 'Pissardii'	41.36	45.96	50.56
Prunus dulcis	11.12	12.36	13.6
Prunus persica	11.12	12.36	13.6
Prunus serrulata 'Amanogawa'	51.02	56.69	62.36
Prunus serrulata 'Kanzan'	46.39	51.54	56.69
zakura'	51.02	56.69	62.36
Prunus virginiana 'Shubert'	38.16	42.4	46.64
Pterocarya fraxinifolia	20.38	22.65	24.92
Pyrus calleryana	55.19	61.33	67.47
Pyrus calleryana 'Bradfort'	55.19	61.33	67.47
Pyrus calleryana 'Chanticleer'	55.19	61.33	67.47
Pyrus calleryana 'Redspire'	55.19	61.33	67.47
Pyrus communis	11.12	12.36	13.6
Pyrus salicifolia 'Pendula'	55.19	61.33	67.47
Quercus canariensis	46.3	51.44	56.58
Quercus cerris	53.67	59.63	65.59
Quercus faginea	46.3	51.44	56.58
Quercus ilex ilex	67.88	75.43	82.98
Quercus palustris	44.05	48.95	53.85
Quercus petraea	42.93	47.7	52.47
Quercus pubescens	46.3	51.44	56.58
Quercus pyrenaica	46.3	51.44	56.58
Quercus robur	44.51	49.46	54.41
Quercus rubra	46.16	51.29	56.42
Quercus suber	67.88	75.43	82.98
Rhamnus catharica	27	30	33
Rhus typhina	13.31	14.79	16.27
Rhus typhina 'Dissecta'	17.32	19.24	21.17
Robinia pseudo. 'Bessoniana'	19.74	21.93	24.13
Robinia pseudo. 'Casque Rouge'	19.78	21.97	24.17
Robinia pseudo. 'Frisia'	19.78	21.97	24.17
Robinia pseudo. 'Pyramidalis'	24.53	27.25	29.98
Robinia pseudo. 'Umbraculifera'	20.77	23.08	25.39
Robinia pseudo. 'Unifolia'	17.82	19.8	21.78
Robinia pseudoacacia	11.25	12.5	13.75
Salix alba	8.36	9.3	10.23
Salix alba 'Liempde'	8.42	9.35	10.28
Salix alba 'Vitellina'	11.96	13.28	14.61
Salix babylonica	11.96	13.28	14.61
Salix babylonica 'Tortuosa'	10.34	11.48	12.62

Salix sepulcralis (x) 'Tristis'	12.27	13.64	15.01
Sophora japonica	16.5	18.34	20.17
Sophora japonica 'Pendula'	29.9	33.22	36.54
Sophora japonica 'Pyramidalis'	36.37	40.41	44.45
Sorbus aria	45.99	51.1	56.21
Sorbus aucuparia	45.99	51.1	56.21
Sorbus intermedia	45.99	51.1	56.21
Tamarix gallica	34.87	38.74	42.62
Tamarix ramosissima	34.87	38.74	42.62
Cascade'	34.87	38.74	42.62
Tamarix ramosissima 'Rubra'	34.87	38.74	42.62
Tamarix tetrandra	34.87	38.74	42.62
Tilia americana	25.68	28.54	31.39
Tilia americana 'Nova'	30.72	34.13	37.55
Tilia cordata	27.75	30.84	33.92
Tilia cordata 'Greenspire'	31.31	34.79	38.27
Tilia euchlora (X)	30.72	34.13	37.55
Tilia platyphyllos	27.75	30.84	33.92
Tilia tomentosa	32.88	36.54	40.2
Tipuana tipu	32.65	29.68	32.65
Ulmus glabra	12.58	14.73	15.38
Ulmus glabra 'Hudson Pendula'	24.22	26.91	29.61
Ulmus pumila	8.43	9.36	10.29
Zelkova serrata	17.27	19.19	21.1
Zizipus jujuba	11.12	12.36	13.6

PALMERAS

Tabla constante de crecimiento k para las palmáceas (Revisión año 2007)

<u>Nombre Botánico</u>	<u>k</u>	<u>Vc</u>
Acrocomia armentalis	12	3.624
Acrocomia totai	12	3.624
Aiphanes caryotaefolia	10	3.162
Archonthisphoenix alexandrae	25	3.778
Archonthisphoenix cunninghamiana	22	3.47
Areca triandra	5	1.774
Arenga engleri	2	0.501
Bismarkia nobilis	45	2.506
Butia capitata	5	3.007
Caryota mitis	8	3.431
Caryota urens	18	2.082
Chamaedorea elegans	2	0.147
Chamaedorea erumpens	3	0.231
Chamaedorea metallica	1	0.254
Chamaedorea seifrizii	2	0.154
Chamaerops humilis	5	0.239

<i>Chrysalidocarpus lucubensis</i>	9	0.424
<i>Chrysalidocarpus lutescens</i>	8	0.308
<i>Coccothrinax crinita</i>	8	1.619
<i>Coccothrinax miraguama</i>	5	1.234
<i>Cocos nucifera</i>	28	3.47
<i>Copernicia rigida</i>	10	4.164
<i>Cordyline australis</i>	29	0.51
<i>Cycas revoluta</i>	25	12.35
<i>Cyrtostachis lakka</i>	6	0.386
<i>Dictyosperma album</i>	10	3.933
<i>Dracaena draco</i>	24	1.1
<i>Erythea armata</i>	12	5.166
<i>Erythea edulis</i>	10	4.896
<i>Gaussia princeps</i>	8	3.778
<i>Howea belmoreana</i>	7	3.933
<i>Howea forsteriana</i>	16	5.321
<i>Jubaea chilensis</i>	24	4.241
<i>Latania borbonica</i>	10	3.2
<i>Latania loddigesii</i>	15	5.937
<i>Licuala grandis</i>	2	0.447
<i>Licuala spinosa</i>	4	0.447
<i>Livistona australis</i>	20	4.665
<i>Livistona decipiens</i>	3	4.704
<i>Mascarena lagenicaulis</i>	4	5.937
<i>Mascarena revaughanii</i>	4	7.634
<i>Mascarena verschaffeltii</i>	8	5.668
<i>Neodypsis decaryi</i>	6	1.928
<i>Phoenix canariensis</i>	18	2.429
<i>Phoenix dactylifera</i>	25	3.007
<i>Phoenix reclinata</i>	10	0.54
<i>Phoenix roebelenii</i>	2	0.655
<i>Phoenix sylvestris</i>	15	2.468
<i>Pritchardia pacifica</i>	10	2.468
<i>Ptychosperma elegans</i>	8	2.159
<i>Ptychosperma macarthurii</i>	6	2.468
<i>Raphis excelsa</i>	3	0.154
<i>Roystonea regia</i>	20	2.545
<i>Sabal causiarum</i>	14	1.928
<i>Sabal mexicana</i>	16	6.554
<i>Sabal palmetto</i>	20	3.47
<i>Sabal umbraculifera</i>	18	3.624
<i>Syagrus coronata</i>	9	2.699
<i>Syagrus romanzoffianum</i>	12	1.465
<i>Thrinax radiata</i>	8	0.524
<i>Trachycarpus fortunei</i>	12	0.779
<i>Trithrinax campestris</i>	4	5.012
<i>Veitchia merrillii</i>	5	2.082
<i>Washingtonia filifera</i>	16	1.774

Washingtonia robusta	26	1.573
Yucca Aloifolia	42	1.02
Yucca elephantipes	26	1.02
Yucca gloriosa	49	1.01