

TREES

Common name	Latin name	Useful parts	Crop (honey/ha)
FIR TREE	<i>Abies alba</i>	buds, resins, essential oils, pollen, sap for honeydew honey	15-20 kg/ha
SWEET CHESTNUT	<u><i>Castanea sativa</i></u>	fruits, nectar, pollen	30-120 kg/ha
HORSE-CHESTNUT	<u><i>Aesculus hippocastanum</i></u>	nectar, pollen, <u>seeds</u>	30-100 kg/ha
BEECH TREE	<i>Fagus silvatica</i>	leaves, bark, nectar, pollen, sap for honeydew honey	20 kg/ha
ASH TREE	<i>Fraxinus excelsior</i>	leaves, pollen, sap for honeydew honey	15-20 kg/ha
FIELD MAPLE	<i>Acer campestre</i>	bark, nectar, pollen, sap for honeydew honey	200-400 kg/ha
BIRCH TREE	<u><i>Betula alba</i></u>	leaves, resins, resins and balsams, pollen, sap for honeydew honey	8-10 kg/ha
ROUND LOGS SPRUCE	<i>Picea excelsa</i>	Resins, essential oils, pollen, sap for honeydew honey	15-20 kg/ha
WALNUT	<u><i>Juglans regia</i></u>	Leaves, <u>fruits</u> , pollen	----
GOLDEN RAINTREE	<i>Koelreuteria paniculata</i>	Flowers, nectar, pollen	100-200 kg/ha
NORWAY MAPLE	<i>Acer platanoides</i>	Flowers, bark, nectar, pollen, sap for honeydew honey	100-200 kg/ha
PINE	<i>Pinus silvestris</i>	Resins, buds, essential oils, pollen, sap for honeydew honey	----
POPLAR	<u><i>Populus nigra</i></u>	buds, resins and balsams, pollen, sap for honeydew honey	----
JAPANESE PAGODA TREE	<i>Sophora japonica</i>	Leaves, flowering buds; small, young branches; fruits nectar, pollen	300-350 kg/ha

ACACIA	<i>Robinia pseudoacacia</i>	Flowers, pollen, nectar	1000 kg/ha
WHITE WILLOW	<i>Salix alba</i>	bark, nectar, pollen, sap for honeydew honey	100-120 kg/ha
GOAT WILLOW	<i>Salix caprea</i>	bark, nectar, pollen	100-200 kg/ha
OAK	<i>Quercus robur</i>	bark, pollen, sap for honeydew honey	----
SILVER LINDEN	<i>Tilia tomentosa</i>	flowers, nectar, pollen	1200 kg/ha
LARGE LEAVED LIME	<i>Tilia platyphyllos</i>	flowers, pollen, nectar	800 kg/ha
SMALL LEAVED LIME	<i>Tilia cordata</i>	flowers, nectar, pollen	1000 kg/ha
ELM TREE	<i>Ulmus campestris</i>	bark, pollen, sap for honeydew honey	8-10 kg/ha

SHRUBS

Common name	Latin name	Useful parts	Crop (honey/ha)
BILBERRY BUSH	<i>Vaccinium myrtillus</i>	Leaves, fruits, nectar, pollen	10-12 kg/ha
GOOSEBERRY BARBERRY	<i>Ribes grossularis/uva crispa</i>	fruits, nectar, pollen	25-70 kg/ha
GOLDEN FLOWERING CURRANT	<i>Ribes aureum</i>	fruits, nectar, pollen	----
HAZELNUT TREE FILBERT	<i>Corylus avellana</i>	fruits, pollen, sap for honeydew honey	15-20 kg/ha
BOX TREE	<i>Buxus sempervirens</i>	Leaves, roots, wood, nectar, pollen	----
SNOWBALL TREE	<i>Viburnum opulus</i>	bark, nectar, pollen	25-40 kg/ha
COMMON SEA BUCKTHORN	<i>Hippophae rhamnoides</i>	fruits, nectar, pollen	25 kg/ha
SALT CEDAR	<i>Tamarix</i>	bark, roots,	25 kg/ha

	<i>ramosissima/galica</i>	branches, flowers, leaves with branches, nectar, pollen	
BLACK CURRANT. CASSIS	<i>Ribes nigrum</i>	leaves, fruits, nectar, pollen	10-30 kg/ha
ALDER BUCKTHORN	<i>Rhamnus frangula</i>	bark, nectar, pollen	35-100 kg/ha
BARBERRY	<i>Berberis vulgaris</i>	bark from the roots and stem, fruits, nectar, pollen	30 kg/ha
IVY	<i>Hedera helix</i>	leaves, nectar, pollen	----
ROSEHIPS Hipberry	<i>Rosa canina</i>	pseudofruits, fruits, nectar, pollen	10-20 kg/ha
BLACKBERRY	<i>Rubus fruticosus</i>	leaves, fruits, nectar, pollen	----
EUROPEAN DEWBERRY	<i>Rubus caesius</i>	fruits, nectar, pollen	30-50 kg/ha
	<i>Rhus glabra/tiphina</i>	nectar, pollen	30-60 kg/ha
HAWTHORN	<i>Crataegus sp.</i>	flowers, leaves, fruits, nectar, pollen	35-100 kg/ha
CHRIST'S THORN	<i>Paliurus spina christi</i>	fruits, nectar	
BLACKTHORN	<i>Prunus spinosa</i>	flowers, fruits, bark of the roots + stem; pollen, nectar	25-40 kg/ha
ROSEMARIE	<i>Rosmarinus officinalis</i>	flowers, nectar	----
CORNEL TREE (BLOODY TWING)	<i>Cornus sanguinea</i>	fruits, bark, nectar, pollen	20-30 kg/ha
VINE Grape-vine	<i>Vitis vinifera</i>	fruits, nectar, pollen	5-10 kg/ha
SWEET MOCK ORANGE. ENGLISH DOGWOOD	<i>Philadelphus coronarius</i>	flowers, nectar, pollen	30 kg/ha

RASPBERRY	<i>Rubus idaeus</i>	leaves, fruits, nectar, pollen	50-200 kg/ha
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FRUIT TREES

Common name	Latin name	Useful parts	Crop (honey/ha)
BLUEBERRY, Billberry	<u><i>Vaccinium myrtillus</i></u>	leaves, fruits, nectar, pollen	15-30 kg/ha
HAZELNUT	<i>Corylus avellana</i>	fruits, pollen, sap for honeydew honey	15-20 kg/ha
APRICOT TREE	<i>Prunus armeniaca</i>	fruits, nectar, pollen	25-40 kg/ha
CHERRY TREE	<i>Prunus avium</i>	fruits, nectar, pollen	20-40 kg/ha
WAX CHERRY TREE	<i>Prunus cerasifera</i>	fruits, nectar, pollen	25 kg/ha
CORNEL TREE	<i>Cornus mas</i>	leaves, bark, fruits, nectar, pollen	20 kg/ha
MULBERRY TREE (White fruits)	<i>Morus alba</i>	leaves, fruits (i)mature bark of roots, pollen	----
MULBERRY TREE (Black fruits)	<i>Morus nigra</i>	leaves, fruits (i)mature, bark of roots, pollen	----
QUINCE TREE	<i>Cydonia oblonga</i>	fruits, nectar, pollen	30 kg/ha
LEMON TREE	<i>Citrus limon</i>	fruits, nectar, pollen	----
APPLE TREE	<i>Malus domestica</i>	fruits, nectar, pollen	20-30 kg/ha
ALMOND TREE	<i>Prunus amygdalus</i>	fruits, nectar, pollen	
HAWTHORN	<i>Crataegus sp.</i>	flowers, leaves, fruits, nectar, pollen	35-100 kg/ha
PEAR TREE	<i>Pyrus communis</i>	leaves, fruits, bark, nectar, pollen	8-20 kg/ha
PEACH TREE	<i>Prunus persica</i>	flowers, leaves, fruits, nectar, pollen	20-40 kg/ha
PLUM TREE	<i>Prunus domestica</i>	fruits, nectar, pollen	20-30 kg/ha
CHERRY TREE	<i>Prunus</i>	fruits, nectar, pollen	30-40 kg/ha

(Sour fruits)	<i>cerasus</i>		
VINE (Grape-vine)	<i>Vitis vinifera</i>	leaves, grapes, spring sap, wine, nectar, pollen	5-10 kg/ha
RASPBERRY	<i>Rubus idaeus</i>	leaves, fruits, nectar, pollen	50-200 kg/ha

TREES, SHRUBS for HEDGES

Common name	Latin name	Useful parts	Crop (honey/ha)
BILBERRY	<u><i>Vaccinium myrtillus</i></u>	nectar, pollen, leaves, fruits	15-30 kg./ha
BOX TREE	<i>Buxus sempervirens</i>	leaves, roots, wood, nectar, pollen	----
ALDER BUCKTHORN	<i>Rhamnus frangula</i>	bark, nectar, pollen	35-100 kg/ha
BARBERRY	<i>Berberis vulgaris</i>	bark of roots and stem, fruits, nectar, pollen	30 kg/ha
HONEY-LOCUST TREE (Gleditsia)	<i>Gleditschia triacanthos</i>	fruits, nectar, pollen	----
LILAC	<i>Syringa vulgaris</i>	flowers, nectar, pollen	10-20 kg/ha
ROSEHIPS	<i>Rosa canina</i>	pseudo-fruits, fruits, nectar, pollen	10-20 kg/ha
HAWTHORN	<i>Crataegus sp.</i>	flowers, leaves, fruits, nectar, pollen	35-100 kg/ha
CHRIST'S THORN	<i>Paliurus spina christi</i>	fruits, nectar	----
BLACK THORN	<i>Prunus spinosa</i>	flowers, fruits, bark from roots + stem; pollen, nectar	25-40 kg/ha
ROSEMARIE	<i>Rosmarinus officinalis</i>	flowers, nectar	----
ACCACIA	<i>Robinia pseudoacacia</i>	flowers, pollen, nectar	1000 kg/ha !!

BUCKTHORN	<i>Rhamnus cathartica</i>	fruits, nectar	----
HIBISCUS SP.	<i>Hibiscus esculentum.</i> <i>Hibiscus trionum</i>	herba, nectar, pollen	----
VERVAIN	<i>Verbena officinalis</i>	nectar	----

PERENNIAL BEE AND MEDICINAL PLANTS

Common name	Latin name	Useful parts	Crop (honey/ha)
ANGELICA	<i>Archangelica officinalis</i>	fruits, roots, nectar, pollen	90 kg/ha
ARTICHOKE	<i>Cynara scolymus</i>	leaves, nectar, pollen	150-400 kg/ha
BEAR'S GARLIC	<u><i>Allium ursinum</i></u>	nectar, pollen, <u>leaves</u>	1kg./day/hive
COMFREY	<u><i>Symphitum officinale</i></u>	nectar, pollen, roots	130-220 kg./ha
MARJORAM	<i>Origanum vulgare</i>	herba, essential oils, nectar, pollen	----
CATMINT	<i>Nepeta cataria</i>	nectar, leaves, flowers with stems	
CHICORY	<i>Cichorium intybus</i>	herba, roots, rhizome, nectar, pollen	100 kg/ha
SHEPHERD'S THYME	<i>Thymus serpylli</i>	herba, nectar, pollen	200 kg/ha
FOENICULUM Fennel	<i>Foeniculum vulgare</i>	Seeds, nectar, pollen	25-100 kg/ha
SNOWDROP	<i>Galanthus nivalis</i>	bulb, nectar, pollen	----
BIRD'S FOOT TREFOIL	<i>Lotus corniculatus</i>	leaves, flowers, nectar, pollen	15-30 kg/ha
HOPS	<i>Humulus lupulus</i>	cones, nectar	----

HYSSOP	<i>Hyssopus officinalis</i>	herba, essential oils, nectar, pollen	50-100 kg/ha
LAVENDER	<i>Lavandula angustifolia</i>	flowers, essential oils, nectar, pollen	50-100 kg/ha
ALFALFA	<i>Medicago sativa</i>	germinated seeds, nectar, pollen	25-200 kg/ha
MINT	<i>Mentha piperita</i>	herba, nectar, pollen	100-200 kg/ha
MALLOW	<i>Malva silvestris</i>	ripped seeds, nectar, pollen	30-50 kg/ha
DANDELION	<i>Taraxacum officinale</i>	herba, roots, nectar, pollen	200 kg/ha
COLT'S FOOT	<i>Tussilago farfara L.</i>	flowers, leaves, nectar, pollen	----
EPILOBIUM, Willow herb	<i>Chamenerion/Epilobium hirsutum</i>	herb, nectar, pollen	40-60 kg/ha
BALM MINT	<i>Melissa officinalis</i>	leaves, nectar, pollen	100-150 kg/ha
MEADOW SAGE, GARDEN SAGE	<i>Salvia pratensis, Salvia off.</i>	leaves, nectar, pollen	280 kg/ha
SEA HOLLY; FIELD ERYNGO	<i>Eryngium planum, campestre</i>	herba, nectar, pollen	100-150 kg/ha
ASPARAGUS	<i>Asparagus officinale</i>	plant, nectar, pollen	----
GOLDEN ROD	<i>Solidago virgaurea</i>	herba, nectar, pollen	
SWEET CLOVER (Melilot)	<i>Melilotus officinalis</i>	young branches, nectar, pollen	150-300 kg/ha
MOTHERWORT	<i>Leonurus cardiaca</i>	young branches, nectar, pollen	200-400 kg/ha
WHITE CLOVER	<i>Trifolium repens</i>	flowers, nectar, pollen	100-250 kg/ha
RED CLOVER	<i>Trifolium pratense</i>	flowers, nectar, pollen	25-50 kg/ha

HOREHOUND	<i>Marrubium vulgare</i>	young branches, nectar, pollen	50 kg/ha
DEAD NETTLE	<i>Lamium album</i>	herba, nectar, pollen	50-150 kg/ha
MISTLETOE	<i>Viscum album</i>	leaves, branches, nectar	----
	<i>Eupatorium cannabinum</i>	herba, nectar, pollen	----
SPEEDWELL	<i>Veronica officinalis</i>	flowers, nectar, pollen	40 kg/ha
SAINT JOHN'S WORT	<i>Hypericum perforatum</i>	herba, pollen	----

ANNUAL BEE AND MEDICINAL PLANTS

Common name	Latin name	Useful parts	Crop (honey/ha)
CORN FLOWER	<i>Centaurea cyanus</i>	flowers, nectar, pollen	60 kg/ha
DILL	<i>Anethum graveolens</i>	herba, nectar, pollen	-----
ANISE	<i>Pimpinella anisum</i>	fruits, essential oils, nectar, pollen	50 kg/ha
BASIL	<i>Ocimum basilicum</i>	herba without old (woody) branches, essential oils, nectar, pollen	100-120 Kg/ha
THYME	<i>Thymus vulgaris</i>	herba, seeds, nectar	----
CORIANDER	<i>Coriandrum sativum</i>	seeds, nectar, pollen	100-500 kg/ha
PUMPKIN	<i>Cucurbita maxima</i>	seeds, nectar, pollen	75-105 kg/ha
BEAN	<i>Faseolus vulgaris</i>	hull of seeds (fructus phaseoli sine semine); nectar	----
SUNFLOWER	<i>Helianthus annuus</i>	seeds, oil, nectar, pollen	34-102 kg/ha

MARIGOLD	<i>Calendula officinalis</i>	flowers, nectar, pollen	----
BUCKWHEAT	<i>Fagopyrum esculentum</i>	seeds, herba with flowers; nectar, pollen	50-60 kg/ha
FLOSS FLOWER	<u><i>Ageratum mexicanum</i></u>	pollen	analgetic, antiinflamatory, antibacterian
LING	<i>Calluna vulgaris</i>	Small young branches with complete open leaves, nectar, pollen	200 kg/ha
FLAX	<i>Linum usitatissimum</i>	seeds, nectar, pollen	10 kg/ha
RED POPPY	<i>Papaver rhoeas</i>	seeds, pollen, nectar	----
MUSTARD (white)	<i>Sinapis alba</i>	seeds, nectar, pollen	40 kg/ha
CHARLOCK	<i>Sinapis arvensis</i>	seeds, nectar, pollen	40 kg/ha
MELON	<i>Cucumis melo</i>	fruit, nectar, pollen	10-40 Kg/ha
WATER MELLON	<i>Citrullus lanatus</i>	fruit, seeds, nectar, pollen	40-100 kg/ha
CORN	<i>Zea mays</i>	stygmata maydis; seeds; pollen	----
RADISH	<i>Raphanus sativus</i>	nectar, pollen	40-50 kg/ha
BEET	<i>Beta vulgaris</i>	roots, nectar, pollen	5-15 kg/ha
WHITE SWEET CLOVER	<i>Melilotus alba</i>	flowers, herba, nectar, pollen	200-500 kg/ha
CABBAGE	<i>Brassica oleracea</i>	leaves, nectar, pollen	20-30 kg/ha
VERVAIN	<i>Verbena officinalis</i>	herba, nectar	----