

Bijlage 2: Lijst van over het algemeen kruisbevruchtende cultuurplanten met daarbij eventuele bloemkarakteristieken, de vorm van compatibiliteit, de primaire bestuivingsvector en mogelijke kruisbestuivingspercentage.

Family	Botanical name	Common name	Main sex types ^b	Flower characters	Flower modifications ^c	Com-pati-bility ^d	Main pollen vector ^e	Natural cross-pollination percentage ^f
Annacardiaceae	<i>Mangifera indica</i>	Mango	♂ - ☼	some pseudo-gamic apomixis		S.I. or S.C.	flies	
Annonaceae	<i>Annona cherimola</i>	Cherimoya	☼	strongly F-PG			beetles	
Bromeliaceae	<i>Ananas comosus</i>	Pineapple	☼			S.I.	humming-birds	
Chenopodiaceae	<i>Beta vulgaris</i>	Sugar beet	☼	F-PA		S.C. +	wind	
	Fodder beet							
	Red beet							
	Swiss chard					S.I.		
	<i>Chenopodium quinoa</i>	Quinoa	☼				wind	
Compositae								
1. Oil crops								
<i>Carthamus tinctoria</i>		Safflower	☼			S.C.	bees	5-90
<i>Helianthus annuus</i>		Sunflower	☼	F-PA		variable S.I.	bees	20-75
2. Vegetable and garden crops								
<i>Chrysanthemum</i> spp.		Chrysanthemum	☼			S.I.	various insects	
Pyrethrum								
<i>Cichorium intybus</i>		Chichory	☼			S.I.		
<i>Dahlia rosea</i>		Garden dahlia	☼			S.I.		
<i>Helianthus tuberosus</i>		Jerusalem artichoke	☼					
Convolvulaceae	<i>Ipomea batatas</i>	Sweet potato	☼	F-PG		S.I.	bees	
Corylaceae	<i>Corylus</i> spp.	Hazelnut (filbert)	♂ . ☼	dicho-gamous		S.I.	wind	
Cruciferaeae	<i>Brassica</i> spp.	Broccoli	☼					
Brussels sprouts						S.I.	bees	
Kale						S.I.	bees	
Kohlrabi						S.I.	bees	
MuștaFd						S.I. 8F	bees	
Chinese cabbage						S.C.		
Cabbage						S.I.	bees	
Collard						S.I.	bees	
Colza						S.I.	bees	
Cauliflower						S.I.	bees	
Rape						S.C.	bees	>10
Rutabaga						S.C.	bees	>25
Turnip						S.I.	bees	
<i>Crambe mahtim</i>		Sea kale	☼			S. I.	bees	
<i>Raphanus sativus</i>		Radish	☼			S.I. or S.C.		
Cucurbitaceae	<i>Citrullus vulgaris</i>	Watermelon	♂ - ☼ or ♂ - ♀			S.C.	bees	
<i>Cucumis melo</i>		Melon	♂ - ☼ or ♂ - ♀	P-PA		S.C.	bees	0-100
<i>Cucumis sativus</i>			♂ - ☼ or ♂ - ♀	P-PA		S.C.	bees	70

Cucumber	or ☼			
<i>Cucurbita</i> spp.	♂ - ♀		S.C.	bees
Pumpkin				
Winter squash				
Marrow				
Gourd				
Euphorbiaceae				
<i>Aleuhtes montana</i>	♂ - ♀	predo-minanting male or female indivi duals. P-PG		insects
Tung tree				
<i>Hevea brasiliensis</i>	♂ - ♀		S.I. or S.C.	midges
Rubber tree				
<i>Manihot esculenta</i>	♂ - ♀	P-PG		insects
Cassava, manioc				
<i>Ricinus communis</i>	♂ - ♀	P-PG		wind
Castor bean				
Fagaceae				
<i>Castanea</i> spp.	♂ - ♀		S.I.	insects
Chestnut				
<i>Quercus</i> spp.	♂ - ♀	Plant dichogamous		wind
Oak				
Graminaceae				
1. Cereals				
<i>Secale cereale</i>	☼		S.I.	wind
Rye				
<i>Zea mays</i>	♂ - ♀			wind
Corn				
2. Forage grasses				
<i>Agropyron cristatum</i>	☼			
<i>Agropyron desertorum</i>				
<i>Agropyron elongatum</i>	I			
<i>Agropyron intermedium</i>	>☼		S.I.	wind
<i>Agropyron repens</i>				
<i>Agropyron smithii</i>				
<i>Agropyron trichophorum</i>				
Wheat grasses				
<i>Agrostis alba</i>	☼.		S.I.	wind
Redtop.				
<i>Andropogon furcatus</i>				
<i>Andropogon scoparius</i>	☼			
Blue stem				
<i>Arrhenatherum avenaceum</i>				wind
Tall oat grass				
<i>Bouteloua curtipendula</i>	)	some fms apomictic		
<i>Bouteloua gracilis</i>	☼?			
Gramma				
<i>Bromus erectus</i>	☼		S.I.	wind
<i>Bromus inermis</i>	☼		S.I. or S	
.C.				
<i>Bromus pumpellianus</i>	☼			
Brome grass				
<i>Cynodon dactylon</i>	☼			wind
Bermuda grass				
<i>Dactylis glomerata</i>	☼		S. I. or S.C.	
Orchard grass				
<i>Festuca elatior</i>	☼	facul-tative apomictic	S. I. or S.C.	
<i>Festuca rubra</i>	☼			
Fescue				
<i>Lolium italiqu</i>	☼		S.I.	wind
<i>Lolium perenne</i>				
Ryegrass				
<i>Panicum virgatum</i>	☼	facul-tative apomictic facultative apomicti		wind
Switchgrass				
Bahia grass				
c				
<i>Pennisetum glaucum</i>	☼		S.I. or S.C.	
Pearl millet				
<i>Phalaris arundinacea</i>	☼		S.I.	wind
Red canary grass				
<i>Phleum pratense</i>	☼		S.I.	wind
Timothy				
Iridaceae				
<i>Freesia</i> spp.	☼		S.I.	bees
Freesia				
<i>Gladiolus</i> spp.	☼			
S. C.				
Gladiolus				
<i>Iris</i> spp.	☼		S.C.	
Iris				

Juglandaceae							♂ - ♀ or ♀ (ms)		
<i>Carya pecan</i> Pecan	♂ - ♀	variable plant dico- gamous	S.C.	wind			☼		bees
<i>Juglans regia</i> Walnut	♂ - ♀	P-PA	S.C.	wind				S.I. S.I. S.I. or S.C.	
Labiaceae									
<i>Mentha piperita</i> Peppermint	☼			flies				S.C. or S.I.	bees
<i>Origanum vulgare</i> Marjoran	☼			flies				S.C. or S.I.	
<i>Rosmarinus officinalis</i> Rosemary	☼			bees				S.I.	
Lauraceae									
<i>Persea</i> spp. Avocado	☼	P-PG	S.I.	bees				S.I. S.C.	
Leguminosaceae									
1. Seed and vegetable legume									
<i>Cajanus indicus</i> 65	☼		S.C.	honey	13-				
Pigeon pea				bees					
<i>Phaseolus coccineus</i> Scarlet runner	☼		S.C.	honey and bumble bees	>30				
2. Forage legumes									
<i>Lotus corniculatus</i> Trefoil	☼		S.I.	honey bees	>90				
<i>Medicago sativa</i> Alfalfa	☼		S. I. or S.C.	honey bees	> 80				
<i>Trifolium alexandrinum</i> <i>Trifolium hybridum</i> <i>Trifolium pratense</i> <i>Trifolium repens</i> Clover	☼			Mostley bees	>90				
Liliaceae									
<i>Alliumcepa</i> Onion	☼	P-PA	S.C.	bees	93				
<i>Allium porrum</i> Leek	☼			bees					
<i>Allium schoenoprasum</i> Chive	☼		S.I.	bees					
<i>Lilium</i> spp. Lily	☼		S.I.						
<i>Tulipa</i> spp. tulip	☼		mostly S.I.						
Myrtaceae									
<i>Eucalyptus</i> spp. Eucalyptus, gum	☼	P-PA	S. I.	bees					
<i>Feijoa sellowiana</i> Feijoa	☼		S. I. or S.C.	bees					
<i>Psidium guajava</i> Guava	☼		S.C.	bees	35				
Oleaceae									
<i>Fraxinus</i> spp. Ash	♂ - ♀			wind					
<i>Olea europaea</i> Olive	♂ - ♀		some cv S.I.	wind					
Palmaceae									
<i>Cocos nucifera</i> Coco palm	♂ - ♀	P-PA		wind and insects	ace. to cv				
<i>Elaeis guineensis</i> Oil palm	♂ - ♀								
Pinaceae									
<i>Abies</i> spp. Fir	♂ - ♀			wind					
<i>Larix</i> spp. Larch	♂ - ♀			wind					
<i>Picea</i> spp. Spruce	♂ - ♀		S.C.	wind					
<i>Pinus</i> spp. Pine	♂ - ♀			wind					
<i>Pseudotsuga menziesii</i> Douglas fir	♂ - ♀		S.I.						
Piperaceae									
<i>Piper nigrum</i> Black pepper	☼ or ♂ - ♀ Or ♂+ ♀	PG		rain					
Proteaceae									
<i>Grevillea robusta</i> Silk oak	☼								
<i>Macadamia temifolia</i> Macadamia nut	♂		partial S.C.						
Rosaceae									
<i>Fragaria</i> spp. Strawberry	☼ or	F-PG	S.C.	bees					
Primus spp. Almond Cherry Plum									
<i>Pyrus</i> spp. Apple									
Pear									
<i>Rosa</i> spp. Rose									
<i>Rubus</i> Blackberry Raspberry	♂ - ♀ ☼								bees
Rubiaceae									
<i>Coffea arabica</i> Coffee	☼		S.C.					S.C.	insects and wind
Solanaceae									
<i>Atropa belladonna</i> Belladonna	☼						fl. dicho- gamous		
<i>Petunia hybrida</i> Petunia	☼							largely S.I.	
Sterculiaceae									
<i>Theobroma cacao</i> Cacao	☼		S.I. or S.C.					S.I. or S.C.	midges and ants
Theaceae									
<i>Camellia sinensis</i> Tea	☼		S.I.					S.I.	insects
Umbelliferae									
<i>Daucus carota</i> Carrot	☼	F-PA	S.C.						bees
<i>Petroselinum hortense</i> Parseley	☼								

^a Nomenclature largely consistent with UPHOF (1968). Table compiled from various sources (e.g. SPECTOR, 1956; FRYXELL, 1957; ALLARD, 1960; JOHNSON, 1962).

^b ☼ = bisexual; ♂+ ♀ = male and female flowers on the same plant; ♂ - ☼ = male and bisexual flowers on the same plant.

^c cv = cultivar, fl. = flower. F-PG = flower protogynous; P-PG = plant protogynous; F-PA = flower protandrous; P-PA = plant protandrous.

^d S.I. = self-incompatible; S.C. = self-compatible.

^e Most common and effective pollinating agent.

^f Reported percentage under average conditions with own pollen competition.

