

Bijlage 2: Lijst van over het algemeen zelfbevruchtende cultuurplanten met daarbij eventuele bloemkarakteristieken en mogelijke natuurlijke kruisbestuivingspercentage

Family	Botanical name	Flower characters	Natural cross-pollination percentage and predominant agent <sup>d</sup>	Garousse			
	Common name	Main sex types <sup>a</sup>					
Compositae	<i>Bellis perennis</i>	♂		<i>Lathyrus sativus</i>	⊗		
	Daisy			Grass peavine			
	<i>Callistephus chinensis</i>	♂	10 (flies)	<i>Lathyrus tingitanus</i>	⊗		
	China aster			Tangier pea			
	<i>Chichoriwn endivia</i>	♂	15 (flies)	<i>Lespedeza</i> spp.	⊗	partly cleistogamic	
	Endive			<i>Lespedeza</i>		dependent on proportions of chasmogamous flowers	
	<i>Lacruca sativa</i>	♂	partly cleistogamic			chasmogamous, flowers exhibit 70 (bees)	
	Lettuce						
	Graminaceae						
	1. Cereals						
<i>Avena</i> spp.	♂	upper fl. usually imperfect. largely cleistogamic	data variable max.: 10 (wind)	<i>Lupinus albus</i>	⊗	10 (bees)	
Oat				<i>Lupinus luteus</i>	⊗	10-25 (bees)	
<i>Hordeum vulgare</i>	♂	many cultivars cleistogamic	as above (wind)	<i>Lupinus perennis</i>	⊗		
Barley				Lupine			
Barley hybrids	♂+♀(ms)	as above		<i>Medicago hispida</i>	⊗		
<i>Oryza sativa</i>	♂	some cv cleistogamic		Bur clover			
Rice				<i>Medicago lupulina</i>	⊗		
varies climatically				Black medic			
<i>Panicum miliaceum</i>	♂		> 10 (wind)	<i>Melilotus dentata</i>	⊗		
Proso Millet				<i>Melilotus indica</i>	⊗		
<i>Sorghum vulgare</i>	♂			Sweet clover			
Sorghum				<i>Onobrychis vicifolia</i>	⊗		
<i>Triticum</i> spp.	♂	largely cleistogamic	data variable max.: 6 (wind)	Sainfoin (Escarpette)			
Triticale				<i>Phaseolus mungo</i>	⊗		
Wheat				Urd bean			
Wheat hybrids	♂+♀(ms)	as above		<i>Trifolium fragiferum</i>	⊗		
2. Forage grasses							
<i>Agropyron trachycaulum</i>	♂			<i>Trifolium glomeratum</i>	⊗		
Slender wheatgrass				<i>Trifolium procumbens</i>	⊗		
<i>Bromus cartharticus</i>	♂			<i>Trifolium subterraneum</i>	⊗		
Rescue grass				Clover			
<i>Bromus marginatus</i>	♂	mostly cleistogamous		<i>Vicia benghalensis</i>	⊗		
Mountain brome				<i>Vicia pannonica</i>	⊗		
<i>Bromus mollis</i>	♂			<i>Vicia sativa</i>	⊗		
Soft brome				Vetch			
<i>C Moris gay ana</i>	♂	mostly cleistogamous		Linaceae			
Rhodes grass				<i>Linum usitatissimum</i>	⊗	3 (bees)	
<i>Elvms</i> spp.	♂			Flax			
Wild rye				Malvaceae			
<i>Eragrostis trichoides</i>	♂			1. Fiber crops			
Sand love grass				<i>Gossypium arboreum</i>	⊗	2 (insects)	
<i>Hordeum jubatum</i>	♂			<i>Gossypium barbadense</i>	⊗	5-10 (insects)	
Foxtail barley				<i>Gossypium herbaceum</i>	⊗	5-20 (insects)	
<i>Lolium temulentum</i>	♂			<i>Gossypium hirsutum</i>	⊗	5-40 (insects)	
Annual Rye grass				Cotton			
<i>Setaria italica</i>	♂			<i>Hibiscus cannabinus</i>	⊗	2-45 (bees)	
Foxtail millet-				Kenaf			
<i>Sorghum vulgare</i>	♂			2. Vegetables			
var. <i>sudanensis</i>				<i>Hibiscus esculentus</i>	⊗	5-20 (insects, hummingbirds)	
Sudan grass				Okra			
<i>Stipa</i> spp.	♂			<i>Hibiscus sabdariffa</i>	⊗		
Needle grass				Roselle			
Leguminosaceae							
1. Seed and Vegetable							
Legumes							
<i>Arachis hypogaea</i>	♂			Rosaceae			
Peanut				<i>Prunus armeniaca</i>	⊗	some cultivars self-incompatible	
<i>Cicer arietinum</i>	♂			Apricot		self-incompatible	
Chickpea				<i>Prunus persica</i>	⊗		
<i>Glycine max</i>	♂			Peach and Nectarine			
Soybean				Rutaceae			
<i>Lens culinaris</i>	♂			<i>Citrus</i> spp.	⊗	many cv apomictic	
Lentil				Citrus			
<i>Phaseolus aureus</i>	♂			Pedaliaceae			
Mung bean				<i>Sesamum indicum</i>	⊗	protandrous	
<i>Phaseolus lunatus</i>	♂		0-80 (bees)	Sesame		about 5, some cv up to 65 (bees)	
Lima bean				Solanaceae			
<i>Phaseolus vulgaris</i>	♂		1-8 (bees)	<i>Capsicum annum</i>	⊗		
Common bean							
<i>Pisum sativum</i>	♂		some cv up to 25	Solanaceae			
Pea				<i>Capsicum frutescens</i>	⊗	5-10 (bees and thrips)	
<i>View faba</i>	♂		> 30 (bees)	Pepper		7-36 (bees and thrips)	
Broad bean 2.				<i>Lycopersicon esculentum</i>	⊗	< 2 (solitary bees and thrips)	
Forage and other Legumes							
<i>Crotalaria</i> spp.	♂			Tomato		protogyneous, but pendant	
<i>Lathyrus cicera</i>	♂			flower and anther cone facilitate self-pollination			
				<i>Nicotiana rustica</i>	⊗		
				<i>Nicotiana tabacum</i>		2-3 (hummingbirds, bees)	
				Tobacco			
				<i>Solanum mehmgena</i>	⊗	7 (insects)	
				Eggplant			
				<i>Solanum tuberosum</i>	⊗	many cv produce non-functional pollen	
				Potato			
				Umbelliferae			
				<i>Apium graveolens</i>	£	30 (insects)	
				Celery			
				<i>Pastinaca sativa</i>	♠	protandrous	
				Parsnip		30 (insects)	
				Vitaceae			
				<i>Vitis vinifera</i>	\$	some cv partly or fully self-incompatible	
				Grape			

<sup>a</sup> 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.

<sup>c</sup> cv = cultivar; fl. = flower;

<sup>d</sup> average conditions with own pollen competition.