



List of plant species

Includes the list of various plant species and their cultivars/varieties/genotypes which are listed in the SCIP database under combined stress studies.

Sl. No.	Plant name	Scientific name	Cultivars	Varieties / Hybrids	Genotypes	Breeding lines
1	Alfalfa	<i>Medicago sativa</i>	Dongmu-70, Saranac, WL-316			
2	Alpine Penny-cress	<i>Thlaspi caerulescens</i>	Prayon			
3	Apple	<i>Malus domestica</i>	Oregon Spur Delicious	Gala, Ginger gold, Rome		
4	Arched elegant rock cress					
5	Asparagus	<i>Asparagus Officinalis L.</i>	Mary washington 500			
6	Avocado	<i>Persea americana</i>	Pancho, Waldin, Hass			
7	Barley	<i>Hordeum vulgare</i>	Zephyr, Midas, Julia, Mazurka, Canor Carlsberg, Lenka, Ermo, Frost, Pallas, Munchurian, nudum Hook. f., Rambo, no 164	California Mariout	Pallas-Mla8, Pallas-Mla3, Pallas-MILa, Rphq2 MILa, rphq2 mLa, rphq2 MILa, 17-5-2016, SusPtrit (165), TrigoBiosa (168), EsBgh (176), ErBgh (182), Zyphyr (186), Julia (186), 116-5 (191), Vada (201), Grit (208), CM72, XZ5, XZ16	
8	Bayberry		Dongkui			
9	Bell pepper	<i>Capsicum annuum L.</i>	Early calwonder, Delray bell,			



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			Florida VR-2, Zeraim Gedera			
10	Bent grass	<i>Agrostis stolonifera</i>	T1			
11	Birch	<i>Betula pendula</i>				
12	Bittersweet	<i>Solanum dulcamara</i>				
13	Bottle gourd	<i>Lagenaria siceraria</i> (Mol.) Standl.				
14	Broad beans	<i>Vicia faba</i>				
15	Broccoli	(<i>Brassica oleracea</i>)		TSS-AVRDC-2, B-75		
16	<i>Bruguiera gymnorrhiza</i>					
17	California brome	<i>Bromus carinatus</i> , <i>Bromus diandrus</i>				
18	California wild grape	<i>Vitis californica</i>				
19	California wild grape					
20	Canola	<i>Brassica napus</i>	45H72; Pioneer Hi-Bred, Chatham, Ontario			
21	Cape Gooseberry	<i>Physalis peruviana</i> L.	Colombia			
22	Carnation	<i>Dianthus caryophyllus</i>		Red King		
23	Carrot	<i>Daucus carota</i>	Danver 126			
24	Cashew	<i>Anacardium occidentale</i>	CCP06			
25	Cassava	<i>Manihot esculenta</i>	Mameya , Seda			
26	Celery	<i>Apium graveolens</i>	Florida2-14	variety Utah 52-70		
27	Cherry	<i>Prunus cerasus</i>		Montmorency		
28	Chickpea					
29	Chinese cabbage	<i>Brassica rapa</i>	Kanntoner			
30	Chinese onion	<i>Allium chinese</i>		Rakuda		
31	Chrysanthe mum	<i>Chrysanthe mum indicum</i>	B.G.A. Tuneful			



32	Cotton	<i>Gossypium hirsutum</i>	Acala SJ-2, Texas Marker (TM)-1, NuCOTN 33B, Siza 3, Rowden			
33	Cowpea	<i>Vigna unguiculata</i>	Walp			
34	Creosote bush	<i>Larrea tridentate</i>				
35	Cucumber	<i>Cucumis sativum</i>	Bet-alfa, Poinsett, SMR-58, Marketer, Straight-8, Cezar F1, Corona, Butcher's Disease Resiste			
36	Diatoms				Epipelon (Navicula phyllepta), Epipsammon (Biremis lucens), Tychoplankton (Plagiogrammopsis vanheurckii)	
37	Durum wheat	<i>Triticum turgidum L.</i>	durum			
38	Eggplant	<i>Solanum melongena</i>	Imperial black beauty, Navkiran			
39	Enset			Entada		
40	Eurasian milfoil	<i>Myriophyllum spicatum L.</i>				
41	Faba Bean	<i>Vicia faba</i>	Agabat, Diana, Bolero			
42	Field mustard	<i>Brassica campestris</i>		Chinensis		MN313
43	Firecracker	<i>Crossandra infundibuliformis</i>				
44	Fremont cottonwood	<i>Vitis californica</i>				
45	Garden Cress	<i>Lepidium sativum</i>				
46	Garden germanium	<i>Pelargonium x hortorum</i>		Orbit white		



47	Garlic	<i>Allium sativum</i>		variety China		
48	Giant taro					
49	Grapefruit	<i>Citrus paradisi</i>	Volkamer lemon			
50	Grapevine	<i>Vitis vinifera</i> , <i>Vitis amurensis</i>	Sauvignon,Cab ernet Sauvignon, Sangiovese, Muscat Hamburg, Jinshou	Carignane		
51	<i>Heritiera littoralis</i>	<i>Heritiera littoralis</i>				
52	Jatropha	<i>Jatropha curcas</i>				
53	Jewelflower	<i>Streptanthus polygaloides</i>				
54	Joboba	<i>Simmondsia chinensis</i>				
55	Kentucky bluegrass	<i>Poa pratensis</i>	Unique, Serene			
56	Late Goldenrod	<i>Solidago altissima</i>				
57	Lemon	<i>Citrus limon</i>	Eureka			
58	Lentil	<i>Lens culinaris</i>	DPL62, L-912, L-830,			
59	Linseed	<i>Linum usitatissimum</i>	Padmini, T-397			
60	Madwort	<i>Alyssum serpyllifolium</i>				
61	Maize	<i>Zea mays</i>	flint x dent, WF9xM14, DMR, DKC 65- 44, Ohio W49, DaHuang, KWCA and EV8429-SR, Pioneer 3394, Z7, Penjalinan, XD889, XD319, Yu13 and Yu37, Adonis	Hybrids 1- 8, CH159x CH3, B14xCH9, variety TZESR, Errazu , Northrup King 403 and Pride II08, DK 522, DK 572, DK 677, DK		
62	Mangrove	<i>Avicennia germinans</i>				
63	Marsh Pennywort	<i>Hydrocotyle vulgaris</i>				



64	Melon	<i>Cucumis melo</i>				
65	Mint	<i>Mentha piperita</i>	Black Mitcham, Native spearmint, Scotch spearmint			
66	Mungbean	<i>Vigna radiata</i>				
67	Mustard	<i>Brassica juncea</i>	Pekiniensis	varieties Lamtacha bi and Local yella		
68	Needlerush	<i>Juncus roemerianus</i>				
69	Nouelia	<i>Nouelia insignis</i>				
70	Okra	<i>Abelmoschus esculentus L.</i>	Pusa Sawani			
71	Oranges	<i>Citrus sinensis</i>	Valencia			
72	Parsnip	<i>Pastinaca sativa</i>		variety Lisbonnais		
73	Pea	<i>Pisum sativum</i>	Sutton phenomenon, Lincoln, Douce de provence), 77 Early Perfection		Little marvel, PI 257593, Dark Skin Perfection, Minnesota 494-A11	
74	Peanut	<i>Arachis hypogaea</i>	Tamspan 90, Southwest Runner, Okrun, and Flavor Runner 458, Georgia Green, Virginia Sihit Meshubahat, Florunner			
75	Pearl millet	<i>Pennisetum glaucum</i>		ICMH 451		
76	Pepper	<i>Capsicum annuum</i>	Cooper			
77	Petunia	<i>Petunia hybrida</i>	White cascade			
78	<i>Picea sitchensis</i>					
79	Pigeon pea	<i>Cajanus cajan</i>				
80	Pomegranate	<i>Punica granatum</i>	Dente di cavallo			



81	Potato	<i>Solanum tuberosum</i>	Zihuabai, Russet burbank, Red pontiac, Morene and Hermes, Nicola, Desiree, Alpha, Cara			
82	Pyrethrum	<i>Tanacetum cinerariifolium</i>				
83	Quinoa	<i>Chenopodium quinoa</i>	Achachino, Titicaca			
84	Rapeseed	<i>Brassica rapa</i>		varieties M-27, Ragini		
85	Rayless alkali aster	<i>Aster laurentianus</i>				
86	Red clover	<i>Trifolium pratense</i>	Pennscott			
87	Rice	<i>Oryza sativa</i>	Nohrin, T-43, Dongjin, 9311	IR64,		
88	Romaine lettuce	<i>Lactuca sativa L. var. longifolia</i>		Longifolia		
89	Rose	<i>Rosa chinensis</i> Jacq.	Movie Star			
90	Rosemary	<i>Rosmarinus officinalis</i>				
91	Rosinha, Carioca, Dufrix, Gallatin, Pinto, Topcrop, Ginteb o	<i>Phaseolus vulgaris</i>	Rosinha, Carioca, Dufrix, Gallatin, Pinto, Topcrop, Ginteb o			
92	Santa cruz kada, New Yorker, Rheinlands Ruhm, Optima, Jinlingmeiyu, Garbo, Robin, Kenfengxin 2002, Miliana	<i>Solanum lycopersicum</i>	Santa cruz kada, New Yorker, Rheinlands Ruhm, Optima, Jinlingmeiyu, Garbo, Robin, Kenfengxin 2002			



93	Sea purslane	<i>Sesuvium portulacastrum</i>				
94	Siratro	<i>Macroptilium atropurpureum</i>	Siratro			
95	Smooth cordgrass	<i>Spartina alterniflora</i>				
96	Sorghum	<i>Sorghum bicolor</i>	CSH6	Aralba, R109A, ICSV 112.		
97	Soybeans	<i>Glycine max</i>	Wells II, Hood, TGx1448-2E, BRS 255 RR and CD 213 RR, Mycogen 5N351RR, 5905 Roundup Ready, Bragg, Maple Arrow, Fiskeby V. O32, Merr			
98	Spinach	<i>Spinacia oleracea L.</i>	Racoon			
99	Strawberry	<i>Fragaria x ananassa</i>	Duchesne 'Midway'	Lisbonnais		
100	Sugar beet	<i>Beta vulgaris</i>	27, 28, 32			
101	Sugarcane	<i>Saccharum officinarum</i>			IACSP94-2094 and IACSP97-7065	
102	Sunflower	<i>Helianthus annuus L.</i>	S.28111, Hysun-33, Hysun-39, SF0049, 894A, Vidoc-5			
103	Sweet potato	<i>Ipomoea batatas</i>	Yongtsai, Taoyuan 1			
104	Tea	<i>Camellia sinensis</i>	Yingshuang			
105	Thale cress	<i>Arabidopsis thaliana</i>	Columbia-0, Ler			
106	Thale cress	<i>Arabidopsis halleri</i>				
107	Tibetan peach	<i>Amygdalus mira Koehne</i>				
108	Tobacco	<i>Nicotiana benthamiana</i>				



109	Tobacco	<i>Nicotiana tabacum</i>	Zihuabai, Russet burbank, Red pontiac, Morene and Hermes, Nicola, Desiree, Alpha, Cara, PovinWindsor shade 117, 'SR1' plant line A, Turk, Trapeson, Samsun, Samsun NN, Havana 38			
110	Tomato	<i>Solanum lycopersicum</i>	Hezuo 903, Jinfen 5, Pusa Ruby, Qianxi, M82, Liaoyuanduoli, Rutgers	GC788, ST1254, Momo126, SLA2103, GC788, ZU1438, ZU1082, ZU753		
111	Watermelon	<i>Citrzdus lunatus</i>	Sugar baby			
112	Wheat	<i>Triticum aestivum</i>	Elite Leuple, Rothwell Sprite, Maris Beacon, Troll, Kolibri and Maris Butler, Flamingo, Hope x Timstein, Joss Cambier, Rubis, Maris Widgeon, Cappelle-Desprez, Maris Nimrod, Sappo, Maris Huntsman, Maris Ranger, Candiota, BR8, Max, BH1146, Lakish, Anza, Lehmi, Baart, Longbow, Flame, Faro, Hyak, Jacmar, Tres, Tyee,	Faro-Hyak, Jacmar-Hyak, Faro-Tres, Faro-Tyee, Jacmar-Tres, Jacmar-Tyee, Faro-Hyak-Tres-Tyee, Cham-1, Lumai22, Sonalika, Mv Emese, Consort and Riband	2145, Jagger, TAM 105, Jimai22, Yangmai20	



			Riband, Ares, Malakoff, Democrat, Mediterranean, Hussar, Webster, Flinor, Champlein, Yannong 19, Bezostaya-1, Seri-82, Kirac-66, Kiziltan-91, Kunduru 414-44, C1252.SW41, Wilgoyne, Chuanmai 42, Len, Claire, Yannong 19			
113	White bean	<i>Phaseolus vulgaris</i>	Sanilac, Pinto-111			
114	White clover	<i>Trifolium repens</i>	Regal			
115	Widgeongrass	<i>Ruppia maritima L.</i>				
116	Wild celery	<i>Vallisneria americana</i>				
117	Wild strawberry	<i>Fragaria virginiana</i>				
118	Winter barley	<i>Hordeum vulgare</i>	Halcyon and Pipkin			
119	Yorkshire fog	<i>Holcus lanatus L.</i>				

Sl. No.	Plant name	Scientific name	Cultivars	Verities/ Hybrids	Genotypes	Breeding lines
1	Mustard	<i>Brassica juncea</i>	Pekiniensis	varieties Lamtachabi and Local yella		
2	Alfalfa	<i>Medicago sativa</i>	Dongmu-70, Saranac, WL-316			
3	Apple	<i>Malus domestica</i>	Oregon Spur Delicious	Gala, Ginger gold, Rome		
4	Asparagus	<i>Asparagus Officinalis L.</i>	Mary washington 500			



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5	Barley	<i>Hordeum vulgare</i>	Zephyr, Midas, Julia, Mazurka, Canor Carlsberg, Lenka, Ermo, Frost, Pallas, Munchurian, nudum Hook. f., Rambo, no 164	California Mariout	Pallas-Mla8, Pallas-Mla3, Pallas-MILa, Rphq2 MILa, rphq2 mlLa, rphq2 MILa, 17-5-2016, SusPtrit (165), TrigoBiosa (168), EsBgh (176), ErBgh (182), Zyphyr (186), Julia (186), 116-5 (191), Vada (201), Grit (208), CM72, XZ5, XZ16	
6	Bell pepper	<i>Capsicum annuum</i> L.	Early calwonder, Delray bell, Florida VR-2, Zeraim Gedera			
7	Bent grass	<i>Agrostis stolonifera</i>	T1			
8	Bottle gourd	<i>Lagenaria siceraria</i> (Mol.) Standl.				
9	California wild grape	<i>Vitis californica</i>				
10	Canola	<i>Brassica napus</i>	45H72; Pioneer Hi-Bred, Chatham, Ontario			
11	Carrot	<i>Daucus carota</i>	Danver 126			
12	Cashew	<i>Anacardium occidentale</i>	CCP06			
13	Cassava	<i>Manihot esculenta</i>	Mameya , Seda			
14	Celery	<i>Apium graveolens</i>	Florida2-14	variety Utah 52-70		
15	Cherry	<i>Prunus cerasus</i>		Montmorency		
16	Chickpea					
17	Chinese cabbage	<i>Brassica rapa</i>	Kanntoner			
18	Chinese onion	<i>Allium chinese</i>		Rakuda		
19						
20	Cotton	<i>Gossypium hirsutum</i>	Acala SJ-2, Texas Marker (TM)-1, NuCOTN 33B, Siza 3, Rowden			
21	Creosote bush	<i>Larrea tridentate</i>				
22	Cucumber	<i>Cucumis sativum</i>	Bet-alfa, Poinsett, SMR-58, Marketer, Straight-8, Cezar F1, Corona,			



			Butcher's Disease Resiste			
23	Diatoms				Epipelon (<i>Navicula phyllepta</i>), Epipsammon (<i>Biremis lucens</i>), Tychoplankton (<i>Plagiogrammopsis vanheurckii</i>)	
24	Faba Bean	<i>Vicia faba</i>	Agabat, Diana, Bolero			
25	Field mustard	<i>Brassica campestris</i>		Chinensis		
26	Fremont cottonwood	<i>Vitis californica</i>				
27	Garden Cress	<i>Lepidium sativum</i>				
28	Garden germanium	<i>Pelargonium x hortorum</i>		Orbit white		
29	Garlic	<i>Allium sativum</i>		variety China		
31	Grapevine	<i>Vitis vinifera, Vitis amurensis</i>	Sauvignon, Cabernet Sauvignon, Sangiovese, Muscat Hamburg, Jinshou	Carignane		
32	Jatropha	<i>Jatropha curcas</i>				
33	Jewelflower	<i>Streptanthus polygaloides</i>				
34						
35	Jojoba	<i>Simmondsia chinensis</i>				
36	Lemon	<i>Citrus limon</i>	Eureka			
37	Madwort	<i>Alyssum serpyllifolium</i>				
38	Maize	<i>Zea mays</i>	flint x dent, WF9xM14, DMR, DKC 65-44, Ohio W49, DaHuang, KWCA and EV8429-SR, Pioneer 3394, Z7, Penjalinan, XD889, XD319, Yu13 and Yu37, Adonis	Hybrids 1-8, CH159x CH3, B14xCH9, variety TZESR, Errazu, Northrup King 403 and Pride II08, DK 522, DK 572, DK 677, DK 582		
39	Mangrove	<i>Avicennia germinans</i>				
40	Melon	<i>Cucumis melo</i>				
41	Nouelia	<i>Nouelia insignis</i>				



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42	Oranges	<i>Citrus sinensis</i>	Valencia			
43	Parsnip	<i>Pastinaca sativa</i>		variety Lisbonnais		
44	Pea	<i>Pisum sativum</i>	Sutton phenomenon, Lincoln, Douce de provence), 77 Early Perfection		Little marvel, PI 257593, Dark Skin Perfection, Minnesota 494- A11	MN313
45	Peanut	<i>Arachis hypogaea</i>	Tamspan 90, Southwest Runner, Okrun, and Flavor Runner 458, Georgia Green, Virginia Sihit Meshubahat, Florunner			
46	Pearl millet	<i>Pennisetum glaucum</i>		ICMH 451		
47	Pepper	<i>Capsicum annuum</i>	Cooper			
48	Pigeon pea	<i>Cajanus cajan</i>				
49	Potato	<i>Solanum tuberosum</i>	Zihuabai, Russet burbank, Red pontiac, Morene and Hermes, Nicola, Desiree, Alpha, Cara			
50	Quinoa	<i>Chenopodium quinoa</i>	Achachino, Titicaca			
51	Rapeseed	<i>Brassica rapa</i>		varieties M- 27, Ragini		
52	Red clover	<i>Trifolium pratense</i>	Pennscott			
53	Rice	<i>Oryza sativa</i>	Nohrin, T-43, Dongjin, 9311	IR64,		
54	Romaine lettuce	<i>Lactuca sativa L. var. longifolia</i>		Longifolia		
55	Rose	<i>Rosa chinensis Jacq.</i>	Movie Star			
56	Rosinha, Carioca, Dufrix, Gallatin, Pinto, Topcrop, Gintebo Slenderette, Pinto 111	<i>Phaseolus vulgaris</i>	Rosinha, Carioca, Dufrix, Gallatin, Pinto, Topcrop, Gintebo			
57	Santa cruz kada, New Yorker, Rheinlands Ruhm, Optima, Jinlingmeiyu, Garbo, Robin, Kenfengxin 2002, Miliana	<i>Solanum lycopersicum</i>	Santa cruz kada, New Yorker, Rheinlands Ruhm, Optima, Jinlingmeiyu, Garbo, Robin, Kenfengxin 2002			



58	Sea purslane	<i>Sesuvium portulacastrum</i>				
59	Siratro	<i>Macroptilium atropurpureum</i>	Siratro			
60	Sorghum	<i>Sorghum bicolor</i>	CSH6	Aralba, R109A, ICSV 112.		
61	Soybeans	<i>Glycine max</i>	Wells II, Hood, TGx1448-2E, BRS 255 RR and CD 213 RR, Mycogen 5N351RR, 5905 Roundup Ready, Bragg, Maple Arrow, Fiskeby V. O32, Merr			
62	Spinach	<i>Spinacia oleracea L.</i>	Racoon			
63	Strawberry	<i>Fragaria x ananassa</i>	Duchesne 'Midway'	Lisbonnais		
64	Sugar beet	<i>Beta vulgaris</i>	27, 28, 32			
65	Sugarcane	<i>Saccharum officinarum</i>			IACSP94-2094 and IACSP97-7065	
66	Sunflower	<i>Helianthus annuus L.</i>	S.28111, Hysun-33, Hysun-39, SF0049, 894A, Vidoc-5			
67	Tea	<i>Camellia sinensis</i>	Yingshuang			
68	Thale cress	<i>Arabidopsis thaliana</i>	Columbia-0, Ler			
69	Tobacco	<i>Nicotiana benthamiana</i>				
70	Tobacco	<i>Nicotiana tabacum</i>	Zihuabai, Russet burbank, Red pontiac, Morene and Hermes, Nicola, Desiree, Alpha, Cara, PovinWindsor shade 117, 'SR1' plant line A, Turk, Trapeson, Samsun, Samsun NN, Havana 38			
71	Tomato	<i>Solanum lycopersicum</i>	Hezuo 903, Jinfen 5, Pusa Ruby, Qianxi, M82, Liaoyuanduoli, Rutgers	GC788, ST1254, Momo126, SLA2103, GC788, ZU1438, ZU1082, ZU753		
72	Watermelon	<i>Citrzdus lunatus</i>	Sugar baby			



73	Wheat	<i>Triticum aestivum</i>	Elite Leuple, Rothwell Sprite, Maris Beacon, Troll, Kolibri and Maris Butler, Flamingo, Hope x Timstein, Joss Cambier, Rubis, Maris Widgeon, Cappelle-Desprez, Maris Nimrod, Sappo, Maris Huntsman, Maris Ranger, Candiota, BR8, Max, BH1146, Lakish, Anza, Lehmi, Baart, Longbow, Flame, Faro, Hyak, Jacmar, Tres, Tyee, Riband, Ares, Malakoff, Democrat, Mediterranean, Hussar, Webster, Flior, Champlein, Yannong 19, Bezostaya-1, Seri-82, Kirac-66, Kiziltan-91, Kunduru 414-44, C1252.SW41, Wilgoyne, Chuanmai 42, Len, Claire, Yannong 19	Faro-Hyak, Jacmar-Hyak, Faro-Tres, Faro-Tyee, Jacmar-Tres, Jacmar-Tyee, Faro-Hyak-Tres-Tyee, Cham-1, Lumai22, Sonalika, Mv Emese, Consort and Riband	2145, Jagger, TAM 105, Jimai22, Yangmai20	
74	White clover	<i>Trifolium repens</i>	Regal			
75	Wild celery	<i>Vallisneria americana</i>				
78	Winter barley	<i>Hordeum vulgare</i>	Halcyon and Pipkin			
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80	Grapefruit	<i>Citrus paradisi</i>	Volkamer lemon			
81	Avocado	<i>Persea americana</i>	Pancho, Waldin, Hass			
82	Birch	<i>Betula pendula</i>				
83	Cowpea	<i>Vigna unguiculata</i>	Walp			
84	Tibetan peach	<i>Amygdalus mira Koehne</i>				
85	Broccoli	<i>(Brassica oleracea)</i>		TSS-AVRDC-2, B-75		
86	Kentucky bluegrass		Unique, Serene			



87	<i>Bruguiera gymnorrhiza</i>				
88	<i>Heritiera littoralis</i>				
89	Sweet potato	<i>Ipomoea batatas</i>	Yongtsai, Taoyuan 1		
90	<i>Picea sitchensis</i>				
91	Late Goldenrod				
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93	California wild grape				
94	Bayberry		Dongkui		
95	Giant taro				
96	Enset			Entada	
97	Chrysanthemum	<i>Chrysanthemum indicum</i>	B.G.A. Tuneful		
98	Broad beans	<i>Vicia faba</i>			
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100	Yorkshire fog	<i>Holcus lanatus</i> L.			
101	Alpine Penny-cress	<i>Thlaspi caerulescens</i>	Prayon		
102	Cape Gooseberry	<i>Physalis peruviana</i> L.	Colombia		
103	Durum wheat	<i>Triticum turgidum</i> L.	durum		
104	Pyrethrum	<i>Tanacetum cinerariifolium</i>			
105	Mungbean	<i>Vigna radiata</i>			
106	Rosemary	<i>Rosmarinus officinalis</i>			
107	Pomegranate	<i>Punica granatum</i>	Dente di cavallo		
108	White bean	<i>Phaseolus vulgaris</i>	Sanilac, Pinto-111		
109	Wild strawberry	<i>Fragaria virginiana</i>			
110	Petunia	<i>Petunia hybrida</i>	White cascade		
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113	Eurasian milfoil	<i>Myriophyllum spicatum</i> L.			
114	California brome	<i>Bromus carinatus,</i>			



		<i>Bromus diandrus</i>				
115	Widgeongrass	<i>Ruppia maritima</i> L.				
116	Needlerush	<i>Juncus roemerianus</i>				
117	Rayless alkali aster	<i>Aster laurentianus</i>				
118	Smooth cordgrass	<i>Spartina alterniflora</i>				
119	Bittersweet	<i>Solanum dulcamara</i>				
120	Adzuki Bean	<i>Vigna angularis</i>				
121	Lentil	<i>Lens culinaris</i>	DPL62, L-912, L-830,			
122	Firecracker	<i>Crossandra infundibuliformis</i>				
123	Eggplant	<i>Solanum melongena</i>	Imperial black beauty, Navkiran			
124	Mint	<i>Mentha piperita</i>	Black Mitcham, Native spearmint, Scotch spearmint			
125	Carnation	<i>Dianthus caryophyllus</i>		Red King		
126	Okra	<i>Abelmoschus esculentus</i> L.	Pusa Sawani			

List of pathogens

Includes the list of various plant pathogenic bacteria, fungi, virus, nematodes, mites, oomycetes, and weed species which are listed in the SCIP database under combined stress studies.

A) Bacterial pathogens

- 1 *Pseudomonas syringae* pv. *tomato* DC3000
- 2 *Xylella fastidiosa*
- 3 *Pseudomonas syringae* pv. *tomato* 1065
- 4 *Xanthomonas compestris* pv. *musacearum*
- 5 *Pseudomonas syringae* pv. *phaseolicola*
- 6 *Xanthomonas oryzae* pv. *oryzae*



- 7 *Pseudomonas syringae* pv. *tabaci*
- 8 *Pseudomonas syringae* pv. *tomato*
- 9 *Erwinia chrysanthemi*
- 10 *Ralstonia solanacearum*
- 11 *Pseudomonas lachrymans* isolate 408
- 12 *Corynebacterium sepedonicum*
- 13 *Xanthomonas oryzae* pv. *Oryzicola* bacterial isolates(BAI13, TAI2, MdAI1, Banzon BAI118, Karfiguela BAI119, Karankasso Sambla BAI120)
- 14 *Xanthomonas campestris* pv. *vitians* 701a strain
- 15 *Pseudomonas syringae* pv. *tomato* DC3000; avirulent strain
- 16 *Pseudomonas tabaci*
- 17 *Pseudomonas syringae* pv. *syringae*
- 18 *Burkholderia glumae*
- 19 *Xanthomonas vesicatoria*
- 20 *Erwinia carotovora* ssp. *atroseptica* SCRI1039 strain
- 21 *Pseudomonas syringae* pv *lachrymans* (Psl)
- 22 *Xanthomonas oryzae*
- 23 *Pseudomonas glycinea*
- 24 *Xanthomonas phaseoli*
- 25 *Xanthomonas fragariae*
- 26 *Enterobacter cloacae*
- 27 *Paenibacillus polymyxa*
- 28 *Streptomyces flavofungini* SNA26
- 29 *Pseudomonas putida* SNB53
- 30 *Serratia marcescens* subsp. *sakuensis* SNB54
- 31 *Lysinibacillus mangiferahumi* M-GX18
- 32 *Pseudomonas aeruginosa*

B) Fungal pathogens

1. *Albugo candida*
2. *Alternaria alternata*
3. *Alternaria brassicae*
4. *Alternaria brassicicola*
5. *Alternaria dauci*
6. *Alternaria mali*
7. *Alternaria solani*
8. *Amylostereum areolatum*
9. *Arthrobotrys conoides*
10. *Aspergillus* sp
11. *Bipolaris maydis*
12. *Bipolaris sorokiniana*



13. *Blumeria graminis* f. sp. *tritici*
14. *Blumeria graminis* f.sp. *Hordei*
15. *Botrytis cinerea*
16. *Botrytis fabae*
17. *Calonectria ilicicola*
18. *Cercospora apii*
19. *Cladosporium cucumerinum*
20. *Cochliobolus sativus*
21. *Colletotrichum acutatum*
22. *Colletotrichum coccodes*
23. *Colletotrichum graminicola*
24. *Colletotrichum lagenarium*
25. *Colletotrichum lagenarium*; race 1
26. *Colletotrichum lindemuthianum*
27. *Colletotrichum orbiculare*
28. *Crinipellis perniciososa*
29. *Drechslera teres*
30. *Bipolaris sorokinian*
31. *Erysiphe cichoracearum*
32. *Erysiphe cruciferarum*
33. *Erysiphe graminis* f sp. *tritici*.
34. *Erysiphe graminis* f. sp. *Hordei*
35. *Exserohilum turcicum*
36. *Fusarium pallidoroseum*
37. *Fusarium acuminatum*
38. *Fusarium avenaceum* (BRIP 64445)
39. *Fusarium culmorum*
40. *Fusarium graminearum*
41. *Fusarium graminearum*; GZ03639 strain
42. *Fusarium incarnatum*
43. *Fusarium moniliforme*
44. *Fusarium oxysporum* (BRIP 64449)
45. *Fusarium oxysporum* f. sp. *asparagi*
46. *Fusarium oxysporum* f. sp. *allii*
47. *Fusarium oxysporum* f. sp. *ciceris*
48. *Fusarium oxysporum* f. sp. *conglutinans*
49. *Fusarium oxysporum* f. sp. *medicaginis*
50. *Fusarium oxysporum* f. sp. *physali*
51. *Fusarium poae*
52. *Fusarium proliferatum*
53. *Fusarium roseum*
54. *Fusarium solani*
55. *Fusarium udum*



56. *Fusarium verticillioides*
57. *Gaeumannomyces graminis*
58. *Giberella zeae*
59. *Glomerella* sp.
60. *Helminthosporium pedicellatum*
61. *Itersonilia perplexans*
62. *Leptosphaeria maculans*
63. *Leptosphaeria nodorum* Muller
64. *Macrophomina phaseolina*
65. *Magnaporthe oryzae*
66. *Magnaporthe salvinii*
67. *Melampsora allii-fragilis*
68. *Melampsorium betulinum*
69. *Mycosphaerella graminicola*
70. *Mycosphaerella melonis*
71. *Paraphoma vinacea*
72. *Pestalotiopsis*
73. *Phaeoisariopsis griseola*
74. *Phakopsora pachyrhizi*
75. *Phialophora gregata*
76. *Phoma destructiva*
77. *Phoma nebulosa*
78. *Phoma terrestris*
79. *Phomopsis emicis*
80. *Phomopsis longicolla*
81. *Phomopsis subordinaria*
82. *Phomopsis vexans*
83. *Phyllosticta owaniana*
84. *Phytophthora infestans*
85. *Plasmopara viticola*
86. *Podosphaera pannosa*
87. *Pseudocercospora herpotrichoides*
88. *Puccinia allii*
89. *Puccinia carduorum*
90. *Puccinia helianthii*
91. *Puccinia hordei* 1.2.1
92. *Puccinia punctiformis*
93. *Puccinia recondita* f. sp. *Triticina*
94. *Puccinia striiformis*
95. *Puccinia triticina*
96. *Pyrenophora tritic-repentis*
97. *Pyricularia oryzae*; race 283
98. *Pythium irregulare*



99. *Rhizoctonia bataticola*
100. *Rhizoctonia solani*
101. *Rhynchosporium secalis*
102. *Sclerotinia minor*
103. *Sclerotinia sclerotiorum*
104. *Sclerotium rolfsii*
105. *Septoria musiva*
106. *Septoria nodorum*
107. *Septoria tritici*
108. *Sphaerotheca fuliginea*
109. *Spissistilus festinus*
110. *Stagonospora nodorum*
111. *Uncinula necator*
112. *Uromyces appendiculatus*
113. *Uromyces phaseoli*
114. *Uromyces rumicis*
115. *Uromyces viciae-fabae*
116. *Verticillium albo-atrum*
117. *Verticillium dahliae*
118. *Zymoseptoria tritici*

C) Virus

1. *Tobacco mosaic virus*
2. *Potato Virus X*
3. *Turnip mosaic virus*
4. *Potato virus X*
5. *Turnip vein clearing virus*
6. *Potato spindle tuber viroid*
7. *Cucumber mosaic virus*
8. *Tomato yellow leaf curl virus TYLCV*
9. *Tobacco streak virus*
10. *Tobacco vein mottling virus*
11. *Peanut stunt virus*
12. *Bean common mosaic virus*
13. *Tobacco ringspot virus*
14. *Soybean mosaic virus*



D) Mites

1. *Twospotted spider mites (Tetranychus urticae)*
2. *European red mite (Panonychus ulmi)*
3. *Spider mites (Tetranychus urticae)*
4. *Gaeolaelaps aculeifer*
5. *Cosmolaelaps simplex*

E) Oomycetes

1. *Aphanomyces cochlioides*
2. *Aphanomyces euteiches*
3. *Phytophthora capsici*
4. *Phytophthora infestans*
5. *Phytophthora megasperma f.sp. medicaginis*
6. *Phytophthora megasperma var. sojae*
7. *Phytophthora nicotianae*
8. *Phytophthora palmivora*
9. *Phytophthora rubi*
10. *Pythium aphanidermatum*
11. *Pythium arrhenomanes*
12. *Pythium graminicola*
13. *Pythium irregulare*
14. *Pythium mamillatum*
15. *Pythium tracheiphilum*
16. *Pythium ultimum*

F) Nematodes

1. *Aphelenchoides bessey*
2. *Aphelenchus avenae*
3. *Belonolaimus longicaudatus*
4. *Ditylenchus dipsaci*
5. *Globodera pallida*
6. *Globodera rostochiensis*
7. *Helicotylenchus dihystra*
8. *Heterodera avenae*
9. *Heterodera cajani*
10. *Heterodera filipjevi*
11. *Heterodera glycines*
12. *Heterodera rostochiensis*
13. *Heterodera schachtii*
14. *Heterodera trifolii*
15. *Hoplolaimus indicus*



16. *Meloidogyne artiellia*
17. *Meloidogyne enterolobii*
18. *Meloidogyne graminicola*
19. *Meloidogyne hapla*
20. *Meloidogyne incognita*
21. *Meloidogyne javanica*
22. *Meloidogyne trifoliophila*
23. *Mesocriconema xenoplax*
24. *Nacobbus aberrans*
25. *Paratrichodorus minor*
26. *Pratylenchus brachyurus*
27. *Pratylenchus coffeae*
28. *Pratylenchus crenatus*
29. *Pratylenchus delattrei*
30. *Pratylenchus loosi*
31. *Pratylenchus neglectus*
32. *Pratylenchus penetrans*
33. *Pratylenchus scribneri*
34. *Pratylenchus thornei*
35. *Pratylenchus zae*
36. *Rotylenchulus reniformis*
37. *Tylenchorhynchus annulatus*
38. *Tylenchorhynchus martini*
39. *Tylenchorhynchus sp.*
40. *Tylenchulus semipenetrans*

G) Weeds

1. Thistle- *Cirsium arvense*
2. Southern threecornerjack- *Emex australis*
3. Curly dock- *Rumex crispus*
4. Bitter dock- *Rumex obtusifolius*
5. Ribwort plantain- *Plantago lanceolata*
6. Rangeland weed
7. Tausch goatgrass- *Aegilops tauschii*

List of organisms

Includes the list of various plant disease-causing insects which are listed in the SCIP database under combined stress studies.

- 1 *Acalymma vittatum*
- 2 *Acyrtosiphon pisum*
- 3 *Aphis faba*
- 4 *Aphis fabae ssp. Cirsiiacanthoidis*
- 5 *Aphis glycines*



- 6 *Apion onopordi*
- 7 *Armillaria mellea*
- 8 *Autumnal moth larvae*
- 9 *Botrytis cinerea*
- 10 *Brevicoryne brassicae*
- 11 *Cassida rubiginosa*
- 12 *Ceutorhynchidius troglodytes*
- 13 *Chromatomyia milli*
- 14 *cottonwood leaf beetles*
- 15 *Diabrotica virgifera virgifera*
- 16 *Diaporthe phaseolorum var. Caulivora*
- 17 *Eldana saccharina*
- 18 *Empoasca fabae*
- 19 *Epiphyas postvittana*
- 20 *Frankliniella occidentalis*
- 21 *Bradysia impatiens*
- 22 *Gastrophysa viridula*
- 23 *Helicoverpa zea*
- 24 *Hylurgopinus rufipes*
- 25 *Hypothenemus hampei*
- 26 *Lepidoptera larvae*
- 27 *Lobesia botrana*
- 28 *Macrosiphum euphorbiae*
- 29 *Mamestra brassicae*
- 30 *Manduca sexta*
- 31 *Melanoplus differentialis*
- 32 *Metopolophium dirhodum*
- 33 *Myzus persicae*
- 34 *Ostrinia nubilalis*
- 35 *Panonychus ulmi*
- 36 *Perapion antiquum*
- 37 *Periconiella velutina*
- 38 *Phaedon cochlearia*
- 39 *Phyllotreta cruciferae*
- 40 *Pieris brassicae*
- 41 *Pieris rapae*
- 42 *Plagiodera versicolora*
- 43 *Pseudomonas syringae*
- 44 *Pyralista nubilalis*
- 45 *Rhodobium porosum*
- 46 *Schizaphis graminim*
- 47 *Sirex noctilio*
- 48 *Sitona hispidulus*



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- 49 *Spissistilus festinus*
 - 50 *Spodoptera exigua*
 - 51 *Spodoptera frugiperda*
 - 52 *Spodoptera littoralis*
 - 53 *Tenebrio molitor*
 - 54 *Tetraneura nigriabdominalis*
 - 55 *Tetranychus urticae*
 - 56 *Thrips tabaci*
 - 57 *Trichosirocalus horridu*
 - 58 *Diabrotica virgifera virgifera*