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┼│┘ ┘ │Mouse┘ └Rat┘ └Dog┘ │Human┼│┘ │Cells┘
◀0.837365214877516┘ ◀0.831113406528143┘ ◀0.833936867549646┘
◀0.865379973366997┼│┘

Interstitium◀0.162509544152501◀0.168778254523199◀0.165923680970108
◀0.134638116990729◀0.597168688626341
◀0.595635532281574◀0.625625779939389◀0.502783069093154
Lipid◀0.132222452382601◀0.135051961437037
◀0.100541602220814◀0.268088138409961• Protein
◀0.217636272839058◀0.226822366673169◀0.227845198651676
◀0.162910330864076♬Neutral Lipidc◀0.630449308003514
◀0.644282900008402◀0.624757306085099◀0.671657043410183
Neutral Phospholipidc◀0.303063300938789◀0.291972981755945
◀0.307829626249189◀0.269015629468171¶Acidic Phospholipidc
◀0.066067194407099◀0.063525457444973◀0.067153033192387
◀0.059732665533059pHd◀6.938662867641585
◀6.922772581998983◀6.909534167864491◀6.940627343277092
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Acetochlor┘ • Ametryn┘ ♂ Bisphenol-A┘ ◘ boscalid┘ ◘ Carbaryl┘
Cyproconazole┘ Fenarimol┘ ♂ Flusilazole┘ ├ Formetanate hydrochloride┘
◘ Imazalil┘ ◘ Isazofos┘ ♂ Propyzamide┘

Pyrimethanil┘ ↕ Pyrithiobac-sodium┘ ♂ Thidiazuron┘

Triflumizole♩ ♬ 2-Phenylphenol♩ Abamectin♩ ◘ Aldicarb♩ Atrazine ♩
♬ Azinphosmethyl♩

Azoxystrobin♩
Bendiocarb♩
Bifenazate♩
Bromoxynil♩ ♬ Cacodylic acid♩ ◘ Carboxin♩ ♂ Chloridazon♩ Clomazone♩

Clothianidin┘ Cyanazine┘ ♂ Cyclanilide┘
Cyromazine┘ • Dazomet┘ ◘ Diazoxon┘ • Dicamba┘ ♂ Dichlorprop┘
Diclosulam┘ ♂ Dicrotophos┘ ◀ Diethyl toluamide┘ ♬ Difenoconazole┘
Dimethoate┘

Dimethomorph┘
Diphenylamine┘ – Diuron┘ ┬ Ethametsulfuron-methyl┘
Fenamidone┘
Fenamiphos┘
Fenhexamid┘
Fenoxycarb┘ Fluazinam┘ ♂ Fludioxonil┘ ♂ Flumetsulam┘ ♂ Fluometuron┘
Fluoxastrobin┘
Fluroxypyr┘
Flutolanil┘ ☼ Forchlorfenuron┘

Hexaconazole
Hexazinone ◘ Icaridin ◘ Imazamox ◘ Imazapyr Imazaquin ♂ Imazethapyr

Imidacloprid┘ → Iodosulfuron-methyl-sodium┘ ◘ Isoxaben┘ • Linuron┘
Mesotrione┘

Methidathion
Methoxyfenozide
Metribuzin
Metsulfuron-methyl
Mono-n-butyl Phthalate (MBP)

Myclobutanil♩ ♂ Norflurazon♩ ◘ Oryzalin♩ ♂ Oxasulfuron♩
Paclobutrazol♩
Penoxsulam♩ Pentadecafluorooctanoic acid♩ ♬ Phenoxyethanol♩
Pirimicarb♩
Prochloraz♩ ├ Propamocarb hydrochloride♩ Propazine♩

Propetamphos┘ ◘ Propoxur┘ ♂ Pymetrozine┘

Pyriproxyfen┘
Sethoxydim┘ ◘ Simazine┘ ♂ Spiroxamine┘
Sulfentrazone┘

Tebufenozide♩ ♂ Tebuthiuron♩

Tepraloxydim┘ ◘ Terbacil┘
THIABENDAZOLE┘ ♂ Thiacloprid┘

Thiamethoxam Thiazopyr Thiophanate Methyl

Triasulfuron Triclopyr ♬ Triflusulfuron
Triticonazole
Bensulide

Chlorpropham	Etoxazole		
Fenbuconazole	◘ Zoxamide	Bentazone	‼ Halosulfuron-methyl
Tetraconazole	◘ Alachlor	Chloroneb	♂ Dichlobenil

Dimethenamid↵ ↕ dimethyl phthalate↵

Diniconazole

Ethofumesate┘ ◘ Ethoprop┘
Flufenacet┘ ♂ Flumioxazin┘ Metalaxyl┘ ♂ Metolachlor┘ ◘ Molinate┘
♂ Oxyfluorfen┘ ◘ Rotenone┘ ♬ S-Bioallethrin┘
Tri-allate┘ ◘ Tribufos┘ 52,2-Bis(4-hydroxyphenyl)-1,1,1-trichloroethane (HPTE)┘
♂ Acifluorfen┘ • Amitraz┘ Anilazine┘ ♂ Benfluralin┘ • Benomyl┘
↕ Bensulfuron-methyl┘
Bifenthrin┘
Buprofezin┘ Butachlor┘ ◘ Butralin┘ ◘ Butylate┘ ♬ Chlorethoxyfos┘
‼ Chlorpyrifos-methyl┘ ♂ Cinmethylin┘

Clofentezine┘
Clorophene┘ Coumaphos┘ ◘ Cycloate┘
Cyprodinil┘ ┬ d-cis,trans- Allethrin┘ ◘ Diazinon┘ Dichloran┘ ☼ Diclofop-methyl┘
• Dicofol┘ ┴ Diethyhexyl phthalate┘
Disulfoton┘ Dithiopyr┘
Endosulfan┘ ┘ EPTC┘
Esfenvalerate┘
Ethalfluralin┘ ♂ Etridiazole┘

Fenitrothion┘ ┼ Fenoxaprop-ethyl┘ ◘ Fenthion┘ ┼ Fentin hydroxide┘ ◘ Fipronil┘
◀ Fluazifop-P-butyl┘ ♂ Flumetralin┘ ◀ Fluroxypyr-meptyl┘ ♂ Hexythiazox┘
Indoxacarb┘ Iprodione┘

Isoxaflutole Lactofen Lindane Malathion Mesosulfuron-methyl

Methoxychlor┘ ┼ Methyl Parathion┘ └ MGK┘ ♂ Napropamide┘
Nitrapyrin┘ Novaluron┘ Oxadiazon┘ Parathion┘
Pendimethalin┘
Permethrin┘ Phosalone┘ ◘ Picloram┘ ↕ Piperonyl butoxide┘ ◄ Pirimiphos-methyl┘
Prodiamine┘ ◘ Prometon┘ Prometryn┘ ◘ Propanil┘ ♂ Prosulfuron┘
♬ Pyraclostrobin┘ pyridaben┘
Quinoxyfen┘
Quintozene┘
Resmethrin┘

Tebufenpyrad

Tebupirimfos
Tefluthrin

Tetramethrin┘ ♂ Thiobencarb┘ ♂ Triadimefon┘ Triclosan┘ ♂ Trifluralin┘
│ 2,4-D┘ #4-(2,4-Dichlorophenoxy)butyric acid┘ ┬ 6-Desisopropylatrazine┘
◘ Acephate┘ ♂ Acetamiprid┘ ◘ Bromacil┘ • Cloprop┘ → Difenzoquat methyl sulfate┘
Foramsulfuron┘ ♂ Fosthiazate┘ ◘ Imazapic┘ ┘ MCPA┘ – Oxamyl┘
├ Oxytetracycline dihydrate┘
Quinclorac┘ ♂ Rimsulfuron┘ ♂ Triadimenol┘ ┤ Trifloxysulfuron-sodium┘ ◘ Warfarin┘
Phenytoin┘
Alprazolam┘ ◘ Bosentan┘
Diclofenac┘ Diltiazem┘
Hexobarbitone┘ Ibuprofen┘
Imipramine┘
Metoprolol┘ Midazolam┘ ♂ Nicardipine┘ ♂ Ondansetron┘ ♂ Tolbutamide┘
♂ Nilvadipine┘
Phenacetin┘
Valproic acid┘ ↕ Diethylstilbestrol┘
Retinoic acid┘
Acetaminophen┘ ◘ Diazepam┘ Diltiazem┘

Troglitazone
Zidovudine – FK1052 | FK480 Perfluorooctane sulfonic acid ◘ Caffeine

Ketoconazole
Antipyrine
Trimethadione

Trimethyltin↵ ↕ Methoxyacetic acid↵ ♂ Cyclosporin↵ ☼ 2,5-Hexanedione↵ ¶ Acetylsalicylic acid↵
Acrylamide↵ ◀ Benz(a)anthracene↵ • Benzene↵ ♂ Carbendazim↵

Chlorpyrifos
Clofibrate

Deltamethrin◘ ◀ Dibutyl phthalate◘ ◀ Diethylene glycol◘ – Diquat◘ ♂ Domoic acid◘
♂ Fenofibrate◘ Flutamide◘ Genistein◘ ♂ Glycidamide◘
◘ Gossypol◘ ◀ Hexachlorobenzene◘ ☼ Hexachlorophene◘

Lead acetate ☐ Nicotine ☐

Ochratoxin A ● Paraben ◘ Paraoxon ◀ Pentachlorophenol

Phenanthrene┘ ◀ Potassium cyanide┘ – Pyrene┘
Rifampicin┘ • Toluene┘ ♂ Vinclozolin┘ ♂ Wyeth-14643┘ ◘ Cotinine┘
Phenobarbital┘ ♂ Quinotolast┘ ├ Mono ethylhexyl phthalate┤ 0┘
34256-82-1┘ ◘ 834-12-8┘ • 80-05-7┘ ♂ 188425-85-6┘ • 63-25-2┘
94361-06-5┘
60168-88-9┘
85509-19-9┘
23422-53-9┘
35554-44-0┘
42509-80-8┘
23950-58-5┘
53112-28-0┘ ♂ 123343-16-8┘
51707-55-2┘
68694-11-1┘ • 90-43-7┘
71751-41-2┘ ◘ 116-06-3┘ 1912-24-9┘ • 86-50-0┘ ♂ 131860-33-8┘
22781-23-3┘ ♂ 149877-41-8┘ 1689-84-5┘ • 75-60-5┘ 5234-68-4┘
1698-60-8┘
81777-89-1┘ ♂ 210880-92-5┘
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– 1.5048	– 0.0000	• 80.0218	– 2.2074		• -0.0280	– 1.4181	
• -1.8521	– 4.2439	– 9.6725	– 0.4101		– 5.9700	• 21.4976	
• -2.7566	• -5.3865	• 10.0449	• 30.2582		• 37.1643	– 4.4241	
• 21.8341	– 4.7361	– 3.9047	– 2.1822		• -8.5554	– 1.4738	
– 8.8216	• -1.6944	– 3.7375	– 6.0501		• 16.3786	– 0.2459	
– 1.6038	– 0.7549	– 2.4906	– 3.5222		– 4.0630	• -1.2362	
– 6.5201	• -2.8440	– 6.4248	• -5.7245		• -2.2779	– 0.7672	
– 0.4998	– 4.5180	• -3.1708	• 13.5120		• -1.1168	– 6.2058	
– 1.5552	– 4.5493	• 19.0113	• 11.4667		– 3.9782	– 6.2847	
– 0.9528	– 3.3017	– 2.2859	– 9.1582		• 17.7465	– 8.6458	
• -4.3582	◘ -13.2004	– 4.9079	– 7.2317		– 3.9006	– 3.0486	
– 1.6161	– 5.8388	– 1.9365	– 0.4633		• 41.3071	– 3.4575	
• 14.3378	– 1.4927	– 8.0232	– 1.0371		• 87.0581	• 27.5439	
• 15.4261	– 2.4527	• 53.4646	• -4.5033		◘ -11.2218	◘ -14.1267	
• 38.7837	– 7.7887	• 18.7179	• 14.3384		• 45.8660	• -1.1481	
• 15.4021	• 16.6354	• 12.3633	– 8.1338		– 1.1471	• 27.5940	
– 9.4379	– 7.8775	• 24.4019	• 12.9780		• 11.4667	• 25.0739	
• 56.8622	– 0.8569	– 0.0000	– 4.9708		• 12.6382	• 72.2852	
– 7.7161	– 4.7635	• 11.5972	• 20.1685		• 13.7939	– 0.0000	
– 0.0000	– 2.1109	• 25.7062	– 7.0897		• 12.9387	• 16.2231	
– 0.0000	– 0.8389	• 17.6999	• 19.5042		– 3.3129	– 5.7398	
– 2.9512	#N/A	– 0.0000	• 10.6628		• -1.1880	– 0.0000	
– 3.0220	– 4.1871	◘ 129.6353	• 10.5793		• 54.2835	• 21.6152	
– 5.3251	– 2.8934	– 0.0000	• 12.2010		◘ 138.1103	– 9.5213	
– 3.7803	– 5.0445	• 26.7226	– 8.9889		– 3.2678	• 74.7427	
– 3.4706	• 29.3388	– 6.7777	• 18.8074		• 13.3780	• 12.8242	
– 6.7138	– 4.3745	• -3.0041	• 12.7794		• 22.5867	• 35.4366	
– 2.9417	• 19.2463	– 0.0000	– 4.9726		– 3.0508	– 6.5607	
• 15.5492	• 11.2252	• 16.0583	• 14.4079		• -1.3121	• 21.6495	
• 38.3482	• 10.7261	• 15.7151	• 24.8674		◘ 230.8681	– 0.0000	
• 18.0242	• 48.7686	• 13.9654	• -2.1383		• -2.6000	• -1.8744	
• -3.7153	• -4.2634	• -3.4036	◘ -10.7513		• -1.7426	• -4.0441	
• -5.6286	• -5.7480	• -0.7006	• -1.0638		• -3.9333	• -1.6627	
• -2.3843	• -2.0642	• -4.8587					
					• -9.8939	#N/A	
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	25.7080					
	2.9093				10.0354	
					52.8514	
	29.4303			80.1041		
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			3.8921			59.5399
		2.1985				
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	0.0000					
0.0000	0.0000		4.8198			57.8660
11.3068					37.1470	
						Naritomi et al.

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Naritomi et al. 2003	Naritomi et al. 2003		#N/A	#N/A	
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#N/A	#N/A	#N/A	Naritomi et al. 2003	0	15.9833
0.3952	6.8217	3.2014	69.2246	10.8556	3.6710
23.1773	88.5314	2.9558	6.5390	6.7556	1.6733
2.6921	2.8375	0.4172	4.1052	6.6868	48.0917
12.3704	21.3679	4.7634	19.7104	83.6025	50.0085
90.5833	17.5037	42.7326	17.3359	50.5854	31.5522
98.4015	93.5234	89.1427	32.6939	18.0184	0.8529
0.6480	84.5731	35.5886	0.4255	96.4918	9.4276
0.3875	16.1460	1.5662	2.4362	4.1383	5.7194
0.3270	0.4357	0.3583	1.7267	25.8916	3.6201
9.1941	1.8819	2.7550	4.1000	61.2982	28.4180
45.4824	92.3123	15.1273	28.9509	65.5851	0.6681
4.7126	10.5123	35.4754	26.8484	6.1194	47.8672
8.5995	20.7711	8.4287	18.4057	0.4802	6.0839
15.3767	1.0089	0.4779	29.5713	16.3337	2.2370
84.3484	3.6511	0.9787	21.5949	102.4543	0.0907
5.4720	28.4499	0.5446	99.3304	3.3785	41.7222
38.3433	10.2890	13.8160	28.5697	82.8566	1.1392
42.7007	2.3048	2.2368	32.9235	13.7257	0.6078
0.0000	0.0000	0.0000	1.0310	2.1472	0.9462
2.4838	13.3184	57.7389	6.2220	23.1773	65.6031
1.9468	13.1270	9.3459	13.7473	2.8072	73.0560

• 17.7340	– 9.7145	• 12.1758	– 1.7153	• 23.7266	• 16.3337
– 6.6507	– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000
– 0.0000	– 0.0000	– 0.0000	– 0.0360	– 0.0000	– 0.0000
– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000
– 0.0000	– 0.0000	– 0.2141	• 29.0181	– 0.0000	– 0.0000
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– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000
– 0.0000	– 0.0000	– 0.0000	– 0.1584	– 0.0000	– 0.0000
– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000	– 0.0000
– 0.0000	• 11.4217	– 0.0000	– 0.0000	– 4.0013	– 0.6623
• 45.8844	• 86.8373	• 57.3219	– 8.5195	– 2.2385	• 85.1279
– 6.4899	• 45.9904	• 54.6775	– 1.7971	• 79.2577	• 39.8169
– 2.7994	• 62.7788	• 12.5809	– 0.3760		

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– 0.4758	#N/A	#N/A	#N/A	#N/A	#N/A
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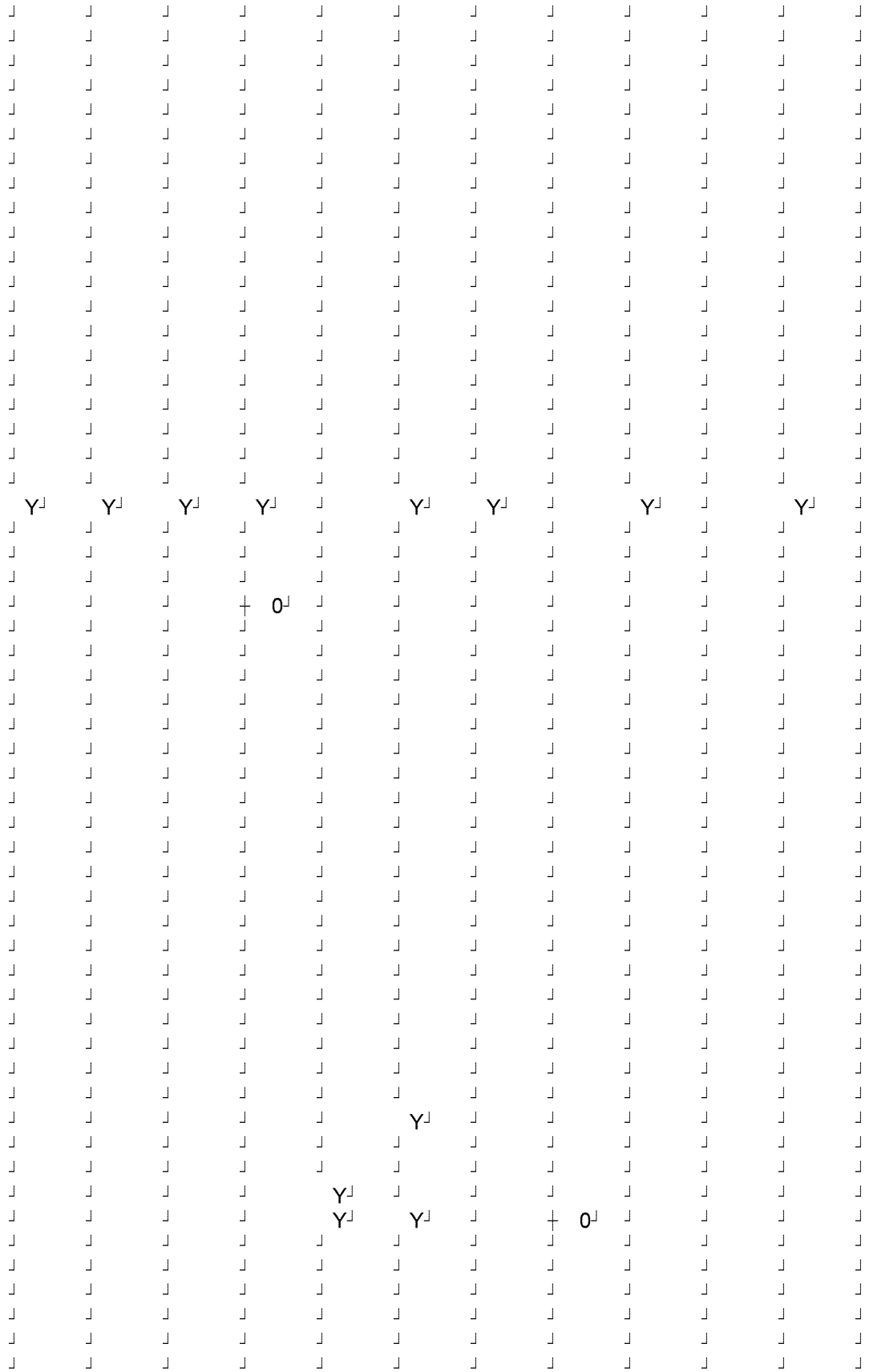
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Wetmore.data└ ‼ ¶┼┐ C┘ 52,2-Bis(4-hydroxyphenyl)-1,1,1-trichloroethane (HPTE)┘ 52,2-Bis(4-hydroxyphenyl)-1,1,1-trichloroethane (HPTE)┘ #4-(2,4-Dichlorophenoxy)butyric acid┘ #4-(2,4-Dichlorophenoxy)butyric acid┘ │ 2,4-D┘ │ 2,4-D┘ ♬ 2-Phenylphenol┘ ♬ 2-Phenylphenol┘ ┬ 6-Desisopropylatrazine┘ Abamectin┘ Abamectin┘ ◘ Acephate┘ ◘ Acephate┘ ♂ Acetamiprid┘ ♂ Acetamiprid┘ Acetochlor┘
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Azoxystrobin
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Bensulide
Bensulide Bentazone Bentazone
Bifenazate
Bifenazate
Bifenthrin
Bifenthrin ♂ Bisphenol-A ♂ Bisphenol-A ◘ Boscalid ◘ Boscalid
◘ Bromacil ◘ Bromacil
Bromoxynil
Bromoxynil
Buprofezin
Buprofezin Butachlor Butachlor ◘ Butralin ◘ Butralin
◘ Butylate ♬ Cacodylic acid ♬ Cacodylic acid ◘ Carbaryl ◘ Carbaryl
◘ Carboxin ◘ Carboxin ♬ Chlorethoxyfos ♂ Chloridazon ♂ Chloridazon
Chloroneb Chloroneb

Chlorpropham

Chlorpropham┘ ‼ Chlorpyrifos-methyl┘ ♂ Cinmethylin┘ ♂ Cinmethylin┘

Clofentezine

Clofentezine
Clorophene
Clorophene

Clomazone

Clomazone

- Cloprop

- Cloprop

Clothianidin

Clothianidin┘ Coumaphos┘ Coumaphos┘ Cyanazine┘
Cyanazine┘ ♂ Cyclanilide┘ ♂ Cyclanilide┘ ◘ Cycloate┘
Cyproconazole┘
Cyproconazole┘
Cyprodinil┘
Cyprodinil┘
Cyromazine┘
Cyromazine┘ • Dazomet┘ ┬ d-cis,trans- Allethrin┘ ┬ d-cis,trans- Allethrin┘ ◘ Diazinon┘
◘ Diazinon┘ ◘ Diazoxon┘ ◘ Diazoxon┘ ◀ Dibutyl Phthalate┘ ◀ Dibutyl Phthalate┘
• Dicamba┘ • Dicamba┘ ♂ Dichlobenil┘ ♂ Dichlobenil┘ Dichloran┘
Dichloran┘ ♂ Dichlorprop┘ ♂ Dichlorprop┘ ☼ Diclofop-methyl┘ ☼ Diclofop-methyl┘
Diclosulam┘
Diclosulam┘ • Dicofol┘ • Dicofol┘ ♂ Dicrotophos┘ ♂ Dicrotophos┘
┴ Diethyhexyl phthalate┘ ┴ Diethyhexyl phthalate┘ ◀ Diethyl toluamide┘
◀ Diethyl toluamide┘ ♫ Difenoconazole┘ ♫ Difenoconazole┘ → Difenzoquat methyl sulfate┘ → Difenzoquat methyl sulfate┘

Dimethenamid

Dimethenamid
Dimethoate
Dimethoate

Dimethomorph

Dimethomorph↲ ↕ dimethyl phthalate↲

Diniconazole

Diniconazole
Diphenylamine
Diphenylamine
Disulfoton Dithiopyr Dithiopyr – Diuron – Diuron
↕ Emamectin benzoate ↕ Emamectin benzoate
Endosulfan
Endosulfan EPTC
Esfenvalerate
Esfenvalerate
Ethalfluralin
Ethalfluralin ┬ Ethametsulfuron-methyl ┬ Ethametsulfuron-methyl

Ethofumesate

Ethofumesate┘ ◘ Ethoprop┘ ◘ Ethoprop┘ Etoxazole┘ Etoxazole┘
♂ Etridiazole┘ ♂ Etridiazole┘
Fenamidone┘
Fenamidone┘
Fenamiphos┘
Fenamiphos┘ Fenarimol┘ Fenarimol┘
Fenbuconazole┘
Fenbuconazole┘
Fenhexamid┘
Fenhexamid┘

Fenitrothion

Fenitrothion┘ ┼ Fenoxaprop-ethyl┘ ┼ Fenoxaprop-ethyl┘
Fenoxycarb┘
Fenoxycarb┘ ◘ Fenthion┘ ◘ Fenthion┘ ┼ Fentin hydroxide┘ ┼ Fentin hydroxide┘
◘ Fipronil┘ ◘ Fipronil┘ ◀ Fluazifop-P-butyl┘ Fluazinam┘
Fluazinam┘ ♂ Fludioxonil┘ ♂ Fludioxonil┘
Flufenacet┘
Flufenacet┘ ♂ Flumetralin┘ ♂ Flumetralin┘ ♂ Flumetsulam┘ ♂ Flumetsulam┘
♂ Flumioxazin┘ ♂ Flumioxazin┘ ♂ Fluometuron┘ ♂ Fluometuron┘
Fluoxastrobin┘
Fluoxastrobin┘
Fluroxypyr┘
Fluroxypyr┘ ◀ Fluroxypyr-meptyl┘ ◀ Fluroxypyr-meptyl┘ ♂ Flusilazole┘ ♂ Flusilazole┘
Flutolanil┘
Flutolanil┘
Foramsulfuron┘ ☼ Forchlorfenuron┘ ☼ Forchlorfenuron┘ ├ Formetanate hydrochloride┘
├ Formetanate hydrochloride┘ ♂ Fosthiazate┘ ♂ Fosthiazate┘ ‼ Halosulfuron-methyl┘
‼ Halosulfuron-methyl┘

Hexaconazole

Hexaconazole
Hexazinone
Hexazinone ♂ Hexythiazox ♂ Hexythiazox ◘ Icaridin ◘ Icaridin
◘ Imazalil ◘ Imazalil ◘ Imazamox ◘ Imazamox ◘ Imazapic ◘ Imazapic
◘ Imazapyr ◘ Imazapyr Imazaquin Imazaquin ♂ Imazethapyr
♂ Imazethapyr

Imidacloprid

Imidacloprid
Indoxacarb
Indoxacarb → Iodosulfuron-methyl-sodium → Iodosulfuron-methyl-sodium Iprodione
Iprodione ◘ Isazofos ◘ Isazofos ◘ Isoxaben ◘ Isoxaben

Isoxaflutole

Isoxaflutole Lactofen Lactofen Lindane Lindane Linuron
Linuron Malathion Malathion MCPA MCPA
Mesosulfuron-methyl
Mesotrione Metalaxyl Metalaxyl

Methidathion

Methidathion

Methoxychlor

Methoxychlor┘ ☼ Methoxyfenozide┘ ☼ Methoxyfenozide┘ ┼ Methyl Parathion┘ ┼ Methyl Parathion┘ ♂ Metolachlor┘ ♂ Metolachlor┘
Metribuzin┘
Metribuzin┘ ↕ Metsulfuron-methyl┘ ↕ Metsulfuron-methyl┘ └ MGK┘ └ MGK┘
DMilbemectin (A mixture of >=70% Milbemcin A4, & <=30% Milbemycin A3)┘ DMilbemectin (A mixture of >=70% Milbemcin A4, & <=30% Milbemycin A3)┘ ◘ Molinate┘ ◘ Molinate┘ Mono-n-butyl Phthalate (MBP)┘ Mono-n-butyl Phthalate (MBP)┘

Myclobutanil

Myclobutanil┘ ♂ Napropamide┘ ♂ Napropamide┘ ♂ Niclosamide┘ ♂ Niclosamide┘

Nitrapyrin┘
Nitrapyrin┘ ♂ Norflurazon┘ ♂ Norflurazon┘ Novaluron┘ Novaluron┘
◘ Oryzalin┘ ◘ Oryzalin┘ Oxadiazon┘ Oxadiazon┘ – Oxamyl┘
– Oxamyl┘ ♂ Oxasulfuron┘ ♂ Oxasulfuron┘ ♂ Oxyfluorfen┘ ♂ Oxyfluorfen┘
├ Oxytetracycline dihydrate┘ ├ Oxytetracycline dihydrate┘
Paclobutrazol┘
Paclobutrazol┘ Parathion┘ Parathion┘
Pendimethalin┘
Pendimethalin┘
Penoxsulam┘
Penoxsulam┘ Pentadecafluorooctanoic acid┘ Pentadecafluorooctanoic acid┘
Perfluorooctane sulfonic acid┘ Perfluorooctane sulfonic acid┘
Permethrin┘
Permethrin┘ ♬ Phenoxyethanol┘ ♬ Phenoxyethanol┘ Phosalone┘
Phosalone┘ ◘ Picloram┘ ◘ Picloram┘ ↕ Piperonyl butoxide┘ ↕ Piperonyl butoxide┘
Pirimicarb┘
Pirimicarb┘ ◀ Pirimiphos-methyl┘ ◀ Pirimiphos-methyl┘
Prochloraz┘
Prochloraz┘
Prodiamine┘
Prodiamine┘ ◘ Prometon┘ ◘ Prometon┘ Prometryn┘ Prometryn┘
├ Propamocarb hydrochloride┘ ├ Propamocarb hydrochloride┘ ◘ Propanil┘ ◘ Propanil┘
Propazine┘ Propazine┘

Propetamphos

Propetamphos♩ ♂ Prosulfuron♩ ♬ Pyraclostrobin♩

◘ Propoxur♩ ♂ Prosulfuron♩

◘ Propoxur♩ ♂ Pymetrozine♩ Pyridaben♩

♂ Propyzamide♩ ♬ Pyraclostrobin♩ Pyridaben♩

♂ Propyzamide♩

Pyrimethanil

Pyrimethanil

Pyriproxyfen

Pyriproxyfen↨ ↕ Pyrithiobac-sodium↨ ↕ Pyrithiobac-sodium↨
Quinclorac↨
Quinclorac↨
Quinoxyfen↨
Quinoxyfen↨
Quintozene↨
Quintozene↨
Resmethrin↨
Resmethrin↨ ♂ Rimsulfuron↨ ♂ Rimsulfuron↨ ◘ Rotenone↨ ◘ Rotenone↨ ♬ S-Bioallethrin↨ ♬ S-Bioallethrin↨
Sethoxydim↨
Sethoxydim↨ ◘ Simazine↨ ◘ Simazine↨ ♂ Spiroxamine↨ ♂ Spiroxamine↨
Sulfentrazone↨
Sulfentrazone↨

Tebufenozide

Tebufenozide

Tebufenpyrad

Tebufenpyrad

Tebupirimfos

Tebupirimfos┘ ♂ Tebuthiuron┘ ♂ Tebuthiuron┘
Tefluthrin┘
Tefluthrin┘

Tepraloxydim

Tepraloxydim ◘ Terbacil ◘ Terbacil
Tetraconazole
Tetraconazole

Tetramethrin

Tetramethrin┘
Thiabendazole┘
Thiabendazole┘ ♂ Thiacloprid┘ ♂ Thiacloprid┘

Thiamethoxam

Thiamethoxam┘ Thiazopyr┘ Thiazopyr┘ ♂ Thidiazuron┘ ♂ Thidiazuron┘
♂ Thiobencarb┘ ↕ Thiophanate Methyl┘ ↕ Thiophanate Methyl┘ ♂ Triadimefon┘
♂ Triadimefon┘ ♂ Triadimenol┘ ♂ Triadimenol┘
Tri-allate┘

Triasulfuron

Triasulfuron┘ ◘ Tribufos┘ ◘ Tribufos┘ Triclopyr┘ Triclopyr┘
Triclosan┘ Triclosan┘ ┤ Trifloxysulfuron-sodium┘ ┤ Trifloxysulfuron-
sodium┘

Triflumizole

Triflumizole♩ ♂ Trifluralin♩ ♂ Trifluralin♩ ♬ Triflusulfuron♩ ♬ Triflusulfuron♩
Triticonazole♩
Triticonazole♩ ♂ Vinclozolin♩ ♂ Vinclozolin♩ ◘ Zoxamide♩ ◘ Zoxamide♩ | 2,4-D♩ | 2,4-D♩
Acetochlor♩
Acetochlor♩ ♂ Acifluorfen♩ ♂ Acifluorfen♩ ◘ Alachlor♩ ◘ Alachlor♩ • Ametryn♩ • Ametryn♩
Bensulide ♩
Bensulide ♩ Bentazone♩ Bentazone♩ ♂ Bisphenol-A♩ ♂ Bisphenol-A♩ ◘ Boscalid♩ ◘ Boscalid♩ ◘ Carbaryl♩ ◘ Carbaryl♩ ♂ Chloridazon♩ ♂ Chloridazon♩

Chlorpropham

Chlorpropham┘ ♂ Cyclanilide┘ ♂ Cyclanilide┘
Cyproconazole┘
Cyproconazole┘
Cyprodinil┘
Cyprodinil┘ ◘ Diazoxon┘ ◘ Diazoxon┘ ♂ Dichlobenil┘ ♂ Dichlobenil┘ ┴ Diethyhexyl phthalate┘ ┴ Diethyhexyl phthalate┘

Dimethenamid

Dimethenamid
Diphenylamine
Diphenylamine Dithiopyr Dithiopyr – Diuron – Diuron

Ethofumesate

Ethofumesate┘ ◘ Ethoprop┘ ◘ Ethoprop┘ Etoxazole┘ Etoxazole┘
Fenarimol┘ Fenarimol┘
Fenbuconazole┘
Fenbuconazole┘ ♂ Fludioxonil┘ ♂ Fludioxonil┘
Flufenacet┘
Flufenacet┘ ♂ Flusilazole┘ ♂ Flusilazole┘ ├ Formetanate hydrochloride┘ ├ Formetanate
hydrochloride┘ ‼ Halosulfuron-methyl┘ ‼ Halosulfuron-methyl┘

Hexaconazole

Hexaconazole ☐ Imazalil ☐ Imazalil ☐

Imidacloprid

Imidacloprid ☐ Isazofos ☐ ☐ Isazofos ☐

Isoxaflutole

Isoxaflutole┘ • Lindane┘ • Lindane┘ ┘ MCPA┘ ┘ MCPA┘ Novaluron┘
Novaluron┘ Oxadiazon┘ Oxadiazon┘ Pentadecafluorooctanoic
acid┘ Pentadecafluorooctanoic acid┘ Perfluorooctane sulfonic acid┘
Perfluorooctane sulfonic acid┘
Permethrin┘
Permethrin┘ ├ Propamocarb hydrochloride┘ ├ Propamocarb hydrochloride┘ ♂ Propyzamide┘
♂ Propyzamide┘

Pyrimethanil

Pyrimethanil┘ ↕ Pyrithiobac-sodium┘ ↕ Pyrithiobac-sodium┘
Resmethrin┘
Resmethrin┘ ♂ Rimsulfuron┘ ♂ Rimsulfuron┘ ♬ S-Bioallethrin┘ ♬ S-
Bioallethrin┘ ◘ Simazine┘ ◘ Simazine┘
Tetraconazole┘
Tetraconazole┘ ♂ Thidiazuron┘ ♂ Thidiazuron┘ ♂ Triadimefon┘ ♂ Triadimefon┘
Triclosan┘ Triclosan┘

Triflumizole

Triflumizole┘
Triticonazole┘
Triticonazole┘ ◘ Zoxamide┘ ◘ Zoxamide┼┐C┘ 2971-36-0┘ 2971-36-0┘
• 94-82-6┘ • 94-82-6┘ • 94-75-7┘ • 94-75-7┘ • 90-43-7┘ • 90-43-7┘
1007-28-9┘
71751-41-2┘
71751-41-2┘
30560-19-1┘
30560-19-1┘ ♂ 135410-20-7┘ ♂ 135410-20-7┘
34256-82-1┘
34256-82-1┘
50594-66-6┘
50594-66-6┘
15972-60-8┘
15972-60-8┘ ◘ 116-06-3┘ ◘ 116-06-3┘ ◘ 834-12-8┘ ◘ 834-12-8┘
33089-61-1┘ ◘ 101-05-3┘ ◘ 101-05-3┘ 1912-24-9┘ 1912-24-9┘ • 86-50-
0┘ • 86-50-0┘ ♂ 131860-33-8┘ ♂ 131860-33-8┘
22781-23-3┘
22781-23-3┘ 1861-40-1┘ 1861-40-1┘
17804-35-2┘
17804-35-2┘
83055-99-6┘
83055-99-6┘ ◘ 741-58-2┘ ◘ 741-58-2┘
25057-89-0┘
25057-89-0┘ ♂ 149877-41-8┘ ♂ 149877-41-8┘
82657-04-3┘
82657-04-3┘ • 80-05-7┘ • 80-05-7┘ ♂ 188425-85-6┘ ♂ 188425-85-6┘ ◘ 314-
40-9┘ ◘ 314-40-9┘ 1689-84-5┘ 1689-84-5┘
69327-76-0┘
69327-76-0┘
23184-66-9┘
23184-66-9┘
33629-47-9┘
33629-47-9┘ 2008-41-5┘ • 75-60-5┘ • 75-60-5┘ • 63-25-2┘ • 63-25-2┘
5234-68-4┘ 5234-68-4┘
54593-83-8┘ 1698-60-8┘ 1698-60-8┘ 2675-77-6┘ 2675-
77-6┘ ◘ 101-21-3┘ ◘ 101-21-3┘ 5598-13-0┘
87818-31-3┘
87818-31-3┘
74115-24-5┘
74115-24-5┘
81777-89-1┘
81777-89-1┘ ◘ 101-10-0┘ ◘ 101-10-0┘ ◘ 120-32-1┘ ◘ 120-32-1┘ ♂ 210880-92-5┘
♂ 210880-92-5┘ • 56-72-4┘ • 56-72-4┘
21725-46-2┘
21725-46-2┘ ♂ 113136-77-9┘ ♂ 113136-77-9┘ 1134-23-2┘
94361-06-5┘
94361-06-5┘ ♂ 121552-61-2┘ ♂ 121552-61-2┘
66215-27-8┘
66215-27-8┘ ◘ 533-74-4┘ ◘ 584-79-2┘ ◘ 584-79-2┘ ◘ 333-41-5┘ ◘ 333-41-5┘ ◘ 962-
58-3┘ ◘ 962-58-3┘ • 84-74-2┘ • 84-74-2┘ 1918-00-9┘ 1918-00-9┘
1194-65-6┘ 1194-65-6┘ • 99-30-9┘ • 99-30-9┘ ◘ 120-36-5┘ ◘ 120-
36-5┘
51338-27-3┘
51338-27-3┘ ♂ 145701-21-9┘ ♂ 145701-21-9┘ ◘ 115-32-2┘ ◘ 115-32-2┘ ◘ 141-
66-2┘ ◘ 141-66-2┘ ◘ 117-81-7┘ ◘ 117-81-7┘ ◘ 134-62-3┘ ◘ 134-62-3┘ ♂ 119446-68-3┘

♂ 119446-68-3┘
43222-48-6┘
43222-48-6┘
87674-68-8┘
87674-68-8┘ • 60-51-5┘ • 60-51-5┘ ♂ 110488-70-5┘ ♂ 110488-70-5┘ ◘ 131-11-3┘
83657-24-3┘
83657-24-3┘ ◘ 122-39-4┘ ◘ 122-39-4┘ ◘ 298-04-4┘
97886-45-8┘
97886-45-8┘ ◘ 330-54-1┘ ◘ 330-54-1┘ ♂ 155569-91-8┘ ♂ 155569-91-8┘ ◘ 115-29-7┘ ◘ 115-29-7┘ ◘ 759-94-4┘
66230-04-4┘
66230-04-4┘
55283-68-6┘
55283-68-6┘
97780-06-8┘
97780-06-8┘
26225-79-6┘
26225-79-6┘
13194-48-4┘
13194-48-4┘ ♂ 153233-91-1┘ ♂ 153233-91-1┘ 2593-15-9┘ 2593-15-9┘ ♂ 161326-34-7┘ ♂ 161326-34-7┘
22224-92-6┘
22224-92-6┘
60168-88-9┘
60168-88-9┘ ♂ 114369-43-6┘ ♂ 114369-43-6┘ ♂ 126833-17-8┘ ♂ 126833-17-8┘ ◘ 122-14-5┘ ◘ 122-14-5┘
66441-23-4┘
66441-23-4┘
72490-01-8┘
72490-01-8┘ • 55-38-9┘ • 55-38-9┘ • 76-87-9┘ • 76-87-9┘ ♂ 120068-37-3┘ ♂ 120068-37-3┘
79241-46-6┘
79622-59-6┘
79622-59-6┘ ♂ 131341-86-1┘ ♂ 131341-86-1┘ ♂ 142459-58-3┘ ♂ 142459-58-3┘

62924-70-3┘
62924-70-3┘
98967-40-9┘
98967-40-9┘ ♂ 103361-09-7┘ ♂ 103361-09-7┘ 2164-17-2┘ 2164-17-2┘ ♂ 361377-29-9┘ ♂ 361377-29-9┘
69377-81-7┘
69377-81-7┘
81406-37-3┘
81406-37-3┘
85509-19-9┘
85509-19-9┘
66332-96-5┘
66332-96-5┘ ♂ 173159-57-4┘
68157-60-8┘
68157-60-8┘
23422-53-9┘
23422-53-9┘
98886-44-3┘
98886-44-3┘ ♂ 100784-20-1┘ ♂ 100784-20-1┘
79983-71-4┘

79983-71-4
51235-04-2
51235-04-2
78587-05-0
78587-05-0 ♂ 119515-38-7 ♂ 119515-38-7
35554-44-0
35554-44-0 ♂ 114311-32-9 ♂ 114311-32-9 ♂ 104098-48-8 ♂ 104098-48-8

81334-34-1
81334-34-1
81335-37-7
81335-37-7
81335-77-5
81335-77-5 ♂ 138261-41-3 ♂ 138261-41-3 ♂ 173584-44-6 ♂ 173584-44-6
♂ 144550-36-7 ♂ 144550-36-7
36734-19-7
36734-19-7
42509-80-8
42509-80-8
82558-50-7
82558-50-7 ♂ 141112-29-0 ♂ 141112-29-0
77501-63-4
77501-63-4 • 58-89-9 • 58-89-9 ◘ 330-55-2 ◘ 330-55-2 ◘ 121-75-5 ◘ 121-
75-5 • 94-74-6 • 94-74-6 ♂ 208465-21-8 ♂ 104206-82-8
57837-19-1
57837-19-1 ◘ 950-37-8 ◘ 950-37-8 • 72-43-5 • 72-43-5 ♂ 161050-58-4
♂ 161050-58-4 ◘ 298-00-0 ◘ 298-00-0
51218-45-2
51218-45-2
21087-64-9
21087-64-9
74223-64-6
74223-64-6 ◘ 113-48-4 ◘ 113-48-4
51596-11-3
51596-11-3 2212-67-1 2212-67-1 ◘ 131-70-4 ◘ 131-70-4
88671-89-0
88671-89-0
15299-99-7
15299-99-7 • 50-65-7 • 50-65-7 1929-82-4 1929-82-4
27314-13-2
27314-13-2 ♂ 116714-46-6 ♂ 116714-46-6
19044-88-3
19044-88-3
19666-30-9
19666-30-9
23135-22-0
23135-22-0 ♂ 144651-06-9 ♂ 144651-06-9
42874-03-3
42874-03-3 6153-64-6 6153-64-6
76738-62-0
76738-62-0 • 56-38-2 • 56-38-2
40487-42-1
40487-42-1 ♂ 219714-96-2 ♂ 219714-96-2 ◘ 335-67-1 ◘ 335-67-1
1763-23-1 1763-23-1
52645-53-1
52645-53-1 ◘ 122-99-6 ◘ 122-99-6 2310-17-0 2310-17-0

1918-02-1┘ 1918-02-1┘ • 51-03-6┘ • 51-03-6┘
23103-98-2┘
23103-98-2┘
29232-93-7┘
29232-93-7┘
67747-09-5┘
67747-09-5┘
29091-21-2┘
29091-21-2┘ 1610-18-0┘ 1610-18-0┘ 7287-19-6┘ 7287-19-6┘
25606-41-1┘
25606-41-1┘ ◘ 709-98-8┘ ◘ 709-98-8┘ ◘ 139-40-2┘ ◘ 139-40-2┘
31218-83-4┘
31218-83-4┘ ◘ 114-26-1┘ ◘ 114-26-1┘
23950-58-5┘
23950-58-5┘
94125-34-5┘
94125-34-5┘ ♂ 123312-89-0┘ ♂ 175013-18-0┘ ♂ 175013-18-0┘
96489-71-3┘
96489-71-3┘
53112-28-0┘
53112-28-0┘
95737-68-1┘
95737-68-1┘ ♂ 123343-16-8┘ ♂ 123343-16-8┘
84087-01-4┘
84087-01-4┘ ♂ 124495-18-7┘ ♂ 124495-18-7┘ • 82-68-8┘ • 82-68-8┘
10453-86-8┘
10453-86-8┘ ♂ 122931-48-0┘ ♂ 122931-48-0┘ • 83-79-4┘ • 83-79-4┘
28434-00-6┘
28434-00-6┘
74051-80-2┘
74051-80-2┘ ◘ 122-34-9┘ ◘ 122-34-9┘ ♂ 118134-30-8┘ ♂ 118134-30-8┘
♂ 122836-35-5┘ ♂ 122836-35-5┘ ♂ 112410-23-8┘ ♂ 112410-23-8┘
♂ 119168-77-3┘ ♂ 119168-77-3┘
96182-53-5┘
96182-53-5┘
34014-18-1┘
34014-18-1┘
79538-32-2┘
79538-32-2┘ ♂ 149979-41-9┘ ♂ 149979-41-9┘ 5902-51-2┘ 5902-51-2┘ ♂ 112281-77-3┘ ♂ 112281-77-3┘ 7696-12-0┘ 7696-12-0┘
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Äœ?ØN¤¨ÁTÊ?á*0U2a|?ïªÍžƒä&?ï│ S&┤ Á¾?ãÉ ¶ã¼Ó?Ð‰ 'RTa?ãúCþ\'Ñ?â◀ 4┘ êJŒ?é/ìVÕÏ«?æPH┬
ð─ Ž?☼ ?`h ¤
?™, Í_™Ä?áéá°‰ '?æÇ┼ Ë)^ž?Ðƒ↨ n— P?çÇy¦µ♂ ☼ ?ã+¬

lº^?àû~ ÿ—$?íDg8 }¿?ía‼ @N¤©?è┤ Á½¥◀▯ ?è┤ Á½¥◀▯ ?àZîc Š ?ÁG®¶ záH?îËû┴ µsë?ç
k'Œ~(?éA [À→ 7?l,┬ Æ┴ "§?î }¿H▯ Ì?ï'Œ~($♂ ?Ò ÿ—
$tT?Û)^ž←◘ š?ìÎp:û~'?ë¿H▯ Ë':?ç•▪ – $Ý/?ÓìVÕÏªÎ?hiƒQX¸(?”¼j~ùÛ#?×ìVÕÏªÎ?ÑL˜_– ö”?î*™0¾
í?î*™0¾
í?æL/ƒ{J#?ê'RT`ªe?î◘ 1&éxÕ?Ëœ♫¾ß¤@?ê£│S&┤Â?ê£│S&┤Â?éŠÚ'õY´?ì+jçÕfÏ╟┐C┘ ◘ 3.57e-
05┘ ◘ 6.67e-13┘ ♂ 0.103750817┘ ♂ 0.109067023┘ ♂ 0.148776104┘
♂ 0.401520565┘ ♂ 0.163529895┘ ◘ 9.15e-05┘ ♂ 0.061069114┘
◘ 0.000917┘ ◘ 3.34e-05┘ ◘ 0.000143┘ ♂ 0.003921498┘
0.99831885┘ ♂ 0.427631937┘ ♂ 0.018930351┘ ◘ 1.05e-05┘ ♂ 0.017486091┘
0.25935686┘ ◘ 0.000388┘ ◘ 3.62e-10┘ ♂ 0.329073157┘ ♂ 0.503195643┘ ◘ 5.97e-
11┘ ♂ 0.018866472┘ ◘ 0.000859┘ ◘ 2.95e-07┘ ◘ 0.000285┘
0.05365838┘ ♂ 0.893965469┘ ♂ 0.011341595┘ ◘ 5.07e-05┘ │5e-15┘ ◘ 1.24e-
05┘ ◘ 3.36e-11┘ ◘ 2.05e-05┘ ◘ 6.76e-06┘ ◘ 4.17e-05┘ ♂ 0.001080491┘ ◘ 3.27e-
09┘ ◘ 9.45e-10┘ ◘ 8.91e-10┘ • 0.00089┘ ◘ 2.93e-05┘
0.01214555┘ ♂ 0.041828124┘ ◘ 6.54e-10┘ • 0.00022┘ ◘ 8.22e-06┘
♂ 0.007816021┘ ◘ 0.000229┘ • 7.6e-05┘ ◘ 3.48e-11┘ ◘ 1.15e-07┘
♂ 0.199194957┘ ♂ 0.102030188┘ ◘ 8.29e-06┘ ◘ 0.000749┘
♂ 0.005050034┘ ♂ 0.010530532┘ ♂ 0.002181904┘ ◘ 2.23e-06┘ ◘ 1.93e-
05┘ ◘ 2.83e-05┘ ◘ 0.000398┘ ♂ 0.882303283┘ ♂ 0.371096171┘ ◘ 1.67e-08┘
◘ 3.18e-05┘ ♂ 0.001153333┘ ◘ 5.94e-05┘ ♂ 0.638849947┘
♂ 0.104373261┘ ♂ 0.004541907┘ ◘ 0.000978┘ ◘ 0.000115┘
♂ 0.115592251┘ ◘ 2.22e-16┘ ♂ 0.253455253┘ ◘ 1.27e-05┘ ◘ 4.52e-06┘
◘ 2.48e-06┘ • 4.4e-06┘ • 5.3e-06┘ ◘ 2.48e-07┘
0.54402971┘ ◘ 0.000734┘ ♂ 0.015583205┘ ◘ 5.75e-07┘ ♂ 0.010166307┘
♂ 0.342002835┘ ♂ 0.001098033┘ ◘ 6.75e-06┘ ♂ 0.053282437┘
♂ 0.001242955┘ ♂ 0.521968515┘ ♂ 0.042114454┘ ◘ 4.36e-05┘
♂ 0.022865652┘ ♂ 0.009697565┘ ◘ 0.000479┘ ♂ 0.869121567┘
♂ 0.477751827┘ ♂ 0.203380395┘ ♂ 0.030190865┘ ♂ 0.203657789┘
◘ 2.67e-06┘ • 3.9e-11┘ ◘ 3.26e-12┘ ♂ 0.005081776┘ ◘ 3.48e-08┘
♂ 0.430410472┘ ♂ 0.065047423┘ ♂ 0.187206194┘ ♂ 0.003058792┘
♂ 0.166215954┘ ♂ 0.004323594┘ ♂ 0.150616909┘ ♂ 0.008909372┘
♂ 0.082237697┘ ♂ 0.985568783┘ ♂ 0.410891065┘ ♂ 0.293507021┘
◘ 5.66e-06┘ ♂ 0.007389592┘ ◘ 0.000712┘ ♂ 0.046778722┘
0.09193737┘ ♂ 0.124335276┘ ♂ 0.193725004┘ ♂ 0.356146535┘ ◘ 5.47e-05┘
• 1.7e-05┘ ◘ 3.16e-10┘ ◘ 4.49e-07┘ ♂ 0.640860941┘ ♂ 0.025124866┘
◘ 9.76e-12┘ ◘ 3.22e-14┘ ♂ 0.002427753┘ ♂ 0.733816059┘ │3e-08┘
♂ 0.005784661┘ ♂ 0.015899855┘ ◘ 3.16e-10┘ ♂ 0.207800701┘
♂ 0.026461736┘ ◘ 7.34e-06┘ ◘ 0.000332┘ ◘ 4.24e-05┘ ◘ 0.000334┘
♂ 0.002310447┘ ♂ 0.545053271┘ ♂ 0.197829093┘ ♂ 0.199817896┘
♂ 0.114163157┘ ♂ 0.311252422┘ ◘ 1.46e-06┘ ♂ 0.322732451┘
◘ 0.000108┘ ♂ 0.505190644┘ ♂ 0.369078522┘ ♂ 0.257895344┘
◘ 0.000649┘ ◘ 6.13e-05┘ ◘ 1.26e-12┘ ◘ 1.87e-07┘ ◘ 3.52e-08┘
♂ 0.016344886┘ ♂ 0.501890935┘ ♂ 0.002857569┘ ♂ 0.002198297┘
◘ 9.21e-11┘ ◘ 6.67e-09┘ ♂ 0.007626872┘ ◘ 3.73e-05┘ ♂ 0.007804111┘
♂ 0.988163809┘ ◘ 1.05e-07┘
0.01444933┘ ◘ 9.38e-12┘ ◘ 7.22e-08┘ ◘ 1.36e-05┘ ◘ 9.47e-10┘ ♂ 0.241947211┘
◘ 0.000168┘ ♂ 0.006932996┘ ♂ 0.127385232┘ ◘ 3.71e-07┘ • 1.3e-09┘
♂ 0.129825313┘
0.20051856┘ ♂ 0.277882704┘ ♂ 0.001554362┘ ♂ 0.007460101┘ ◘ 4.15e-07┘
• 2.3e-09┘ ◘ 7.44e-15┘ ◘ 3.62e-07┘ • 9.4e-11┘ ◘ 0.000166┘
0.43772018┘ ♂ 0.024255078┘ ◘ 2.17e-07┘ ◘ 5.06e-07┘ ◘ 3.49e-12┘ ◘ 5.84e-12┘
◘ 0.000777┘ ♂ 0.257221402┘ ◘ 7.98e-10┘ ◘ 7.48e-05┘ ♂ 0.003573408┘
♂ 0.066030118┘
0.12246419┘ ♂ 0.046757492┘ ◘ 4.95e-08┘ ◘ 5.14e-05┘ ◘ 1.79e-06┘ ◘ 3.03e-07┘
♂ 0.019399196┘ • 0.00061┘ ♂ 0.577359192┘ ◘ 5.73e-10┘ ◘ 0.000266┘
♂ 0.002057343┘ ◘ 0.000545┘ ♂ 0.004676756┘ ♂ 0.001023878┘ ◘ 4.17e-

14┘ ◘ 3.86e-07┘ ◘ 4.34e-08┘ ◘ 6.08e-06┘ ♂ 0.029623717┘ ◘ 0.000291┘ ◘ 4.71e-
07┘ ◘ 4.97e-13┘ ♂ 0.490026296┘ ♂ 0.068499607┘ ♂ 0.007009711┘
♂ 0.640742412┘ ♂ 0.331094653┘ ◘ 3.37e-05┘ ♂ 0.747849071┘
♂ 0.232811813┘ ♂ 0.003375932┘ ♂ 0.163007897┘ ♂ 0.042742284┘
♂ 0.072190717┘ ♂ 0.042067797┘ ♂ 0.023106402┘ ◘ 1.28e-06┘
♂ 0.002946893┘ ◘ 2.54e-06┘ ◘ 1.68e-05┘ ♂ 0.030917549┘
♂ 0.256263376┘ ◘ 2.47e-13┘ ◘ 4.41e-11┘ ♂ 0.476209695┘
♂ 0.915817827┘ ♂ 0.002424397┘ ◘ 0.000705┘
0.46481929┘ ♂ 0.020730908┘ ◘ 8.31e-05┘ ♂ 0.196913344┘ ◘ 5.27e-05┘ ◘ 2.02e-
08┘ ♂ 0.021088994┘ ◘ 2.19e-06┘ ♂ 0.042652962┘ ♂ 0.007401753┘
♂ 0.001579019┘ ♂ 0.033551977┘ ♂ 0.131812244┘ ♂ 0.027989253┘
♂ 0.009900155┘ ♂ 0.006247536┘ ♂ 0.009571392┘ ◘ 3.13e-12┘ ◘ 8.08e-
09┘ ♂ 0.002761065┘ │ 2e-05┘ ♂ 0.001699787┘ ◘ 1.27e-08┘ 0┘
♂ 0.037029903┘ ♂ 0.394202656┘ ♂ 0.018430521┘ ♂ 0.480626495┘
◘ 1.57e-10┘ ◘ 7.49e-08┘
0.02640189┘ ◘ 4.02e-14┘ ♂ 0.056094695┘ ♂ 0.062892732┘ ♂ 0.165675874┘
♂ 0.229825607┘ ◘ 9.69e-07┘ ◘ 2.95e-06┘ ♂ 0.003516368┘ ◘ 8.99e-10┘
• 1.1e-06┘ ◘ 2.66e-06┘ ♂ 0.015732612┘ ♂ 0.022884373┘ ◘ 2.24e-05┘
♂ 0.199562995┘ ♂ 0.014264244┘ ♂ 0.002678115┘ ◘ 2.85e-11┘ • 1.9e-
08┘ • 0.00031┘ ◘ 0.000131┘ ♂ 0.330818962┘ ♂ 0.460909623┘
0.00530897┘ ♂ 0.228600477┘ ♂ 0.624605332┘ ◘ 9.74e-06┘ 0.5951556┘
♂ 0.350758894┘ ♂ 0.041083636┘ ♂ 0.002360371┘ ♂ 0.007546871┘
♂ 0.215857808┘ ♂ 0.014154023┘ ◘ 3.51e-05┘ ♂ 0.182426277┘
♂ 0.041277637┘ ♂ 0.063584741┘ ◘ 0.000236┘ ♂ 0.017460331┘ • 2.3e-
05┘ ♂ 0.079602012┘ ◘ 1.19e-13┘ ♂ 0.219317454┘ ◘ 0.000334┘ ◘ 2.21e-05┘
◘ 4.02e-14┘ − 0.0237┘ • 0.00725┘ ◘ 1.46e-07┘ ◘ 6.41e-12┘ ◘ 9.14e-13┘
◘ 4.38e-08┘ ◘ 7.92e-05┘ ◘ 6.65e-07┘ ◘ 2.53e-09┘ ♂ 0.026937216┘
◘ 0.000124┘ ◘ 0.000257┘ • 9.9e-13┘ ◘ 5.32e-07┘ ◘ 4.92e-10┘
♂ 0.001780318┘ ◘ 1.43e-05┘ ◘ 0.000225┘ ◘ 3.58e-08┘ ◘ 1.18e-06┘ • 1.9e-
11┘ ♂ 0.568470317┘ ♂ 0.001834017┘ ♂ 0.446204392┘ ◘ 1.73e-05┘
♂ 0.096828375┘ ◘ 0.000991┘ ♂ 0.231054739┘ ◘ 1.78e-07┘
♂ 0.005731684┘ ◘ 1.57e-05┘ ◘ 5.06e-07┘
0.03172282┘ ◘ 0.000527┘ ◘ 5.81e-08┘ ◘ 4.97e-11┘ ◘ 7.69e-11┘ • 7.8e-08┘ ◘ 6.49e-
11┘
0.38112363┘ ♂ 0.875740638┘ ♂ 0.302397398┘ ♂ 0.205105592┘
♂ 0.485976259┘ ♂ 0.370519929┘ ◘ 0.000284┘ ◘ 6.25e-06┘
♂ 0.099577432┘ ◘ 8.63e-10┘ ♂ 0.060662082┘ ♂ 0.051345971┘
◘ 0.000342┘ ◘ 0.000494┘ ♂ 0.594946291┘ ◘ 5.59e-05┘ • 1.6e-09┘ ◘ 3.52e-
07┘ ◘ 0.000474┘ ♂ 0.001465439┘ ♂ 0.010799115┘ ◘ 9.21e-09┘ ◘ 0.000635┘
◘ 9.31e-06┘ ◘ 7.62e-11┘ ◘ 4.13e-08┘ ◘ 6.92e-06┘ ◘ 2.21e-05┘ ◘ 1.27e-11┘
◘ 2.06e-05┘ ◘ 0.000481┘ ♂ 0.001585634┘ ◘ 3.04e-06┘ 0┘
♂ 0.002847589┘ ♂ 0.027585383┘ ♂ 0.003718276┘
0.00538622┘ ♂ 0.064115963┘ ◘ 2.13e-06┘ ◘ 8.59e-05┘ ◘ 0.000291┘
♂ 0.002210663┘ ◘ 6.89e-07┘ ♂ 0.003721885┘ ♂ 0.006531622┘
♂ 0.576738931┘ ♂ 0.777673253┘ ◘ 3.42e-05┘ ◘ 6.31e-06┘
♂ 0.154597184┘
0.00287789┘ ◘ 0.000186┘ ♂ 0.026757988┘ ♂ 0.016869798┘ ♂ 0.034704728┘
◘ 4.59e-05┘ ◘ 1.52e-05┘ ◘ 8.53e-05┘ ♂ 0.247789613┘ ◘ 1.22e-06┘ • 5.3e-
08┘ ♂ 0.001042642┘ ◘ 9.02e-08┘ ♂ 0.705970628┘ ♂ 0.003883406┘
♂ 0.056276963┘ ◘ 6.55e-06┘
0.95043185┘ ♂ 0.087205353┘ ◘ 1.47e-11┘ ◘ 2.08e-14┘ ♂ 0.086245824┘
♂ 0.011608478┘ ◘ 2.88e-11┘ ◘ 2.54e-07┘ ◘ 3.38e-05┘ ♂ 0.277981488┘
• 0.00011┘ ◘ 8.45e-05┘ ♂ 0.299070612┘ ◘ 0.000133┘ − 0.1365┘ ◘ <
0.0001┘ ◘ < 0.0001┘ ◘ < 0.0001┘ − 0.2084┘ − 0.0002┘ ◘ < 0.0001┘ ◘ <
0.0001┘ ◘ < 0.0001┘ ◘ < 0.0001┘ ◘ < 0.0001┘ ◘ < 0.0001┘ − 0.0575┘
− 0.1413┘ − 0.0835┘ − 0.0835┘ ◘ < 0.0001┘ ◘ < 0.0001┘ ◘ < 0.0001┘

− 0.1516	− 0.0292	− 0.0002	< 0.0001	< 0.0001	− 0.0676
− 0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
< 0.0001	< 0.0001	< 0.0001	− 0.2579	− 0.0268	− 0.0006
< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
0.121	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
< 0.0001	− 0.0825	− 0.2158	− 0.0214	− 0.0214	< 0.0001
< 0.0001	< 0.0001	< 0.0001	< 0.0001	− 0.0049	< 0.0001
< 0.0001	< 0.0001	− 0.0119	< 0.0001	< 0.0001	< 0.0001
< 0.0001	− 0.0065	− 0.0005	< 0.0001	< 0.0001	− 0.0001
− 0.0313	< 0.0001	− 0.0003	< 0.0001	< 0.0001	− 0.9757
− 0.5743	− 0.0006	< 0.0001	− 0.0374	< 0.0001	− 0.0007
− 0.0006	< 0.0001	< 0.0001	< 0.0001	< 0.0001	− 0.0013
− 0.1336	< 0.0001	< 0.0001	< 0.0001	− 0.8161	< 0.0001
< 0.0001	− 0.0383	− 0.0085	< 0.0001	< 0.0001	< 0.0001
− 0.0161	− 0.8297	− 0.6129	0.007	0.027	< 0.0001
< 0.0001	− 0.0001	< 0.0001	< 0.0001	− 0.0522	< 0.0001
< 0.0001	< 0.0001	< 0.0001			

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♬┐ C?ËdZ ¬◘ 1?àQë… ¸R@Añ³'õ'i@Añ³'õ'i@┬ Æ…"ÌÌÉ@┬ Æ…"ÌÌÉ@┤),AžÓ7?Ö{┘ bæ)??à"ÊdèŒò?×¹
øå└ ¥Q?àA┼ ˜┤ }9?Ñ„Ë┴ ètž?Ñ„Ë┴ ètž?ÙoáGÿÿü?ÙoáGÿÿü? ©óË331? —¾,ÌÌÈ@)r°
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Oß;dZ?ÇÁ½¥◄ œà?ðõÒ7ÿÿ÷? å°û33>?¦ .x?·}b×:¹å?Ê ¬└ Ý

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?ä×♬ I™Ñù?äJ¬:þP ?ä'WLÌÌÌ@FÈdŽffb?Ï"Žnff[?²◀)┼ M2Á?ŠŸ¾vÈ´9?Ã‡€xœ…↑ ?™ÿ»└↑ /Ä?á°^5?|î?÷
X┼ bMÒò?„{{ë33=?qÒ |ÌÌÑ?Ñä§ ~¡W?ˆœµi¶ &å?õ→ Ÿ¾vÈ´?Ò-
♬ V┘ ↑ “@♬▯ \(õÂ ?¾vÈ´9X┼ @GÅ ¸Që…@ ï ²-
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}ó¶E¡Ë?®┘ 3É™™ ?Ñ= Û33.?ÐQë… ¸R?ÐQë… ¸R?·
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Oß;?ÍÒñ©ûçm?pbMÒñ©ü@┐ ÌÌÌÌÌÍ@(k… ¸Qì?×«©ÔÌÌÌ?ñ”ÒœÌÌº?à@ñ^a'Ê¦@┘ ×¢9ŒyÝ?-¼_æffi?ö“©äÌÌ
À@FÈdoÿÿü@FÈdoÿÿü@GÅ oø5†@GÅ oø5†?×-ÀÉo†\@GÅ ¸Që…@
*ô}•×î@GÅ ¸Që…@GÅ oø5†@.ZŸ¾vÈ´@.ZŸ¾vÈ´?-²-♬ V┘ ├ ?°å`A‰7L?±ë… ¸Qì?¶‡+┐

l°?ôdú333 @FÈdnffk?Íi„É'üž?ÌÓ'hégQ?ÔÝ/→ Ÿ¾w?áûçk‹C–?§¦u!™™ ?¸
ûÞffh?ìÌÌÌÌÌÍ@├ æfffff@└ ç¤Y^~á@#1♬ ‹3$p?±ë… ¸Qì?±&éxÔýô@– ├ bYš┐ Ô@┘ ýÖ;5‹'?àå`A‰7L?á↑ ó\ê
¢Ý?ðaÕwÿÿþ@FÈdŽffb?Õ_t†ÜõÜ?õ ▯ ßÖŒ@GÅ ¸Që…@GÅ S2W┴ @GÅ ŒÓ †@
ÄD[4ë*?º/Ÿ³33*?ï˜p¬ÌÌÑ?ñP“p┬ ?ä‹‘™™˜@↕ ÛÙ¾ffd?¡hr°
Äœ?´9X┼ bMÓ@GÅ S2W┴ @┐ UZC(¯Þ?ð¬◘ 1&éy?þ┘ ↑ “t¼j?â \(õÂ ?âùÛ"Ðå`?©™™™™™š?í`A‰7K
Ç?Î5?|í‘h@→ C•• – $Ý?å¡ÊÀƒ↕ o?é‘hr° Å@GÅ ▪ └ ˜¼?Ë♬ êF¸Ô¦?åG®¶ záH?ëß;dZ ¬?àÌÌÌÌÍ?êV┘ ↑ “t¼@
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ÕÞz

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