

Supplementary Materials

Table S1. Description of the selected agroecosystems and project sites in the region.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
Kazakhstan				
1	Apple (<i>Malus</i> sp)	Jungar Alatau	Medium hills Rainfed	Sarkhan district: Sarkand, Topolevka, Koily villages. Alakhul district: Lepsinsk, Kabanbai villages.
		Ketmen	Low hills Rainfed/irrigated	Uygur district: Shonji, Ketmen villages.
			Medium hills Rainfed	Uygur district: Koldjat vil.
		Zailiyskiy Alatau	Medium hills Rainfed/irrigated	Enbekshi-Kazakh district: Turgen, Issyk villages. Talgat district: Kotu-bulak gorge. Karasay district: Kamenka vil
		Chuiy Mountain	Low hills Rainfed/irrigated	Ryskulov district: Kulan vil.
		Kyrgyz Alatau	Low hills Rainfed/irrigated	Merken district: Merke vil. Ryskulov district: Kulan vil.
		Karatau	Low hills Rainfed/irrigated	Juvalinskiy district: Mashat vil. Tulkubasskiy district: Tulkubas vil., Boroltai vil. Saryagash district: vil. named after K.Konusbaev Makhtaaral district: Zhemis-Zhidek vil.
			Medium hills Rainfed/irrigated	Tulkubasskiy district: Koktal, Zhualy villages
2	Pear (<i>Pyrus</i> sp)	Chuiy Mountain	Low hills Rainfed/irrigated	Ryskulov district: Kulan vil
		Kyrgyz Alatau	Low hills Rainfed/irrigated	Merken district: Krasniy Oktyabr vil. Baizakov district: Akir Tube vil.
			Medium hills Rainfed/irrigated	Merken district: Plodovojagodniy vil.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
		Karatau	Low hills Rainfed/irrigated	Tulkubasskiy district: Amangeldi vil.
			Medium hills Rainfed/irrigated	Tulkubasskiy district: Michurin vil.
		Jungar Alatau	Low hills Rainfed/irrigated	Sarkandskiy district: Topolevka vil. Uygur district: Koksul vil.
		Zailiyskiy Alatau	Low hills Rainfed	Talgar district: Baibulak vil.
			Medium hills Rainfed	Talgar district: Almalyk vil.
3	Apricot (<i>Prunus armeniaca</i>)	Karjantau	Low hills Irrigated	Saryagach district: Derbisek vil. Makhtaaral district: Zhemis-Zhidek vil.
		Ketmen	Low hills Rainfed/irrigated	Uygur district: Shonji, Dardamty, Ketmen vil.
			Medium hills Rainfed	Uygur district: Koldjat vil.
		Zailiyskiy Alatau	Low hills Rainfed	Enbekshi-Kazakh district: Baisent, Bijanov, Dihan villages.
			Medium hills Rainfed	Talgar district: Belbulak, Koturbulak, Prjamoe; Talgar gorges. Enbekshi-Kazakh district: Issyk gorge. Kurdai district: Karakunuz forestry.
4	Grapevine (<i>Vitis</i> sp)	Southern Kazakhstan	Low hills Rainfed/irrigated	Saryagach district: Kaplanbek vil. Makhtaaral district: Zhemis-Zhidek vil.
			Medium hills Rainfed/irrigated	Tulkubas district: Zhualy vil., vil. named after T.Ryskulov Sayram district: Sayram, Karamurt villages
		South-Eastern Kazakhstan	Low hills Irrigated	Panfilov district: Bedjin, Koktal villages. Uygur district: Shonji vil.
Kyrgyzstan				
1	Alycha (<i>Prunus cerasifera</i>)	Jalalabad Province	Mountain Rainfed	Karaalma forestry: Urunbash, Karaalma vil. Arslanbob forestry: Gumkhana, Djaiterek, Dashman.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
				Kaba forestry: Akterek.
2	Apple (<i>Malus sp</i>)	Jalalabad Province	Mountain and foothills Rainfed	Karaalma forestry: Urunbash, Karaalma, Jalgyz-Janak villages. Arslanbob forestry: Gumkhana, Jai-Terek, Dashman. Gavinskiy forestry: Kaba, Ak Terek vil.
3	Sea buckthorn (<i>Hippophae rhamnoides</i>) Currant (<i>Ribes spp</i>)	Issyk Kul Province	Mountain Rainfed	Issyk Kul forestry, Djatioguz forestry: AksuiIssyk Kul forestry
		Naryn Province	Mountain Rainfed	Salkyn Tor Nature park, Flood lands of Naryn river Salkyn Tor Nature park
4	Grapevine (<i>Vitis sp</i>)	Chui Valley	Mountain & foothills Rainfed	Sokuluk distrtrict: Kashka Bash village. Moscovskiy district: Asyl Bash village. Chui distrtrict: Saylyk village.
		Osh Province	Mountain & foothills Rainfed	Aravan district: Aravan vil. Karasu district: Karasu vi.
		Jalalabad Province	Mountain & foothills Rainfed	Aksyiskiy forestry: Krupsay, Aflatunsk. Suzak district: Oktiybrskoe village.
5	Pistachio (<i>Pistacia vera</i>)	Jalalabad Province	Foothills Rainfed	Toskool-Ata forestry: Khara Miste, Alash. Kochkor Ata forestry: Kuduk, Kok Tash, Mailusuu. Karaalma forestry: Suzak.
6	Walnut (<i>Juglans regia</i>)	Osh Province	Mountain Rainfed	Mirzaakin forestry: Uzgen.
		Jalalabad Province	Mountain Rainfed	Kaba forestry: Akterek. Arslanbob forestry: Gumkhan, Djaiterek, Dashman. Arkyt forestry: Kyzyl Ungur. Ortok forestry: Kadu; Karaalma forestry: Karaalma vil.
Tajikistan				
	Apple (<i>Malus sp</i>)	Northern Tajikistan, Sugd province	Valley Rainfed	Asht district: Shaidon and Pongoz vil.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
			Mountain Semi Rainfed	Gorno-Matchinsk district: Paldorak, Obburdan vil. Penjikent district : Jeri, Dashti Kozi vil.
			Foothills Irrigated	Isfara district: Vorukh, Chorkukh, Kulkand vil. Shakhristan district: Oktangi vil., Shakhristan settlement.
		Western Pamir, Gorno- Badakhshan autonomous province	Mountain Semi Rainfed	Darvaz district: Kalaikhumb, Kurgovad vil. Vanch district: Vanch settlement, Jazgulom vil. Shugnan district: Porshnev, Sokhcharv vil.
		Central Tajikistan	Valley Irrigated	Gissar district: Gornaja Khanaka, Almosi vil.
			Foothills Relatively Irrigated	Faizabad district: Dubeda, Miskinobod vil.
			Mountain Irrigated	Djirgital district: Ljakhsh, Pildon vil.
		Southern Tajikistan, Khotlon province	Mountain Rainfed	Muminobod district: Gofilobod and Shakhrak vil. Shurabad district: Shurabad and Dargistan vil. Khovaling district: Paranak and Novobod vil
		2	Pear (<i>Pyrus</i> sp)	Southeastern Tajikistan
Mountain Rainfed	Muminobod district: Childukhtaron, Chavzadara vil. Khovalin district: Daraimullo, Sangdara vil. Shurabad district: Devdor, Sulmabad vil.			
Central Tajikistan	Valley Irrigated			Gissar district: Zardolu vil. Faizabad district: Takakhona vil.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
			Foothills Irrigated	Rasht district: Khait, Navdi, Dzhavr vil. Nurabad district: Nurabad settl. Djirgital district: Pildon, Gubai vil.
			Mountain Rainfed	Rasht district: Khait, Khazorchashma vil. Nurabad district: Nurabad, Daraji khakimi vil. Djirgital district: Novabad. Pildon; Sajron vil.
		Western Pamir and Darvaz	Foothills Irrigated	Vanch district: Rokhorv, Tekhavr, Bunaj vil. Shugnan district: Porshnev, Sokhchavr vil. Darvaz district: Kurgovat, Joged vil.
			Mountain Rainfed	Vanch district: Dashtak, Shurgovat vil. Shugnan district: Buni, Dasht vil. Darvaz district: Ruzvaj, Togmaj vil.
3	Apricot (<i>Prunus armeniaca</i> L.)	Central Tajikistan	Valley Irrigated	Tursunzade district: Pakhtabad, Chirkent, Batosh vil. Gissar district: Mortepa, Kalai, Khisor vil. Vakhdat district: Zargar, Dashtibed, Lakajbegi vil.
			Foothills Irrigated	Faizabad district: Faizabad settl., Zardolukho vil. Rasht district: Khait, Gubaj, Novabad, Kalai Surkh, Nimich vil. Djirgital district, Pildon, Ljakhsh, Karamyk, Sajron vil. Tavildar district: Khazrati, Sulton, Sagirdasht vil., Tavildora settl.
			Mountain Rainfed	Faizabad district: Navgrez, Dola vil. Rasht district: Kamarob, Kaznok, Shul vil. Djirgital district, Ljakhsh, Sajron vil., Chirgital settl. Tavildar district: Mienadu vil., Jezgand valley.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
		Northern Tajikistan, Sugd province	Valley Irrigated,	Bobodzhon-Gafurov district: Kastakoz, Somgar, Unchi, Kulangir, Auchi-Kalachi, Ispisar, Rukhak vil. Kanibadam district: Pulaton, Makhram, Karakchikum, Ravot, Kuchkak vil.
			Foothills Irrigated	Isfara district: Chorkukh, Chilgazi, Oftobru, Vorukh vil. Asht district: Oshoba, Kamish-Kurgan, Pongoz, Boboiob vil.
			Mountain Irrigated	Ayni district: Kazdan, Darg, Shamtuch, Varz, Rarz vil. Gorno- Matchinsk district: Sabakh, Obburdan, Pastigal, Ustoshon vil. Penjikent district: Margidar, Dashti, Malla vil.
		Western Pamir, Gorno-Badakhshan autonomous province	Foothills Irrigated	Vanch district: Jazgulem, Panchambeobod vil. Rushan district: Vomar, Bardushon vil. (basin of Jazgulem and Bartang rivers).
			Mountain Irrigated	Shugnan district: Sokhchavr, Porshnev vil. Ishkoshim district: Shakh dara and Gund valley, Garmchashma vil.
4	Peach (<i>Persica vulgaris</i>)	Central Tajikistan	Valley Irrigated	Vakhdad district: Kupruk-Boshi, Turkobod, Simiganch, Zargar vil. Rudaki district: Ljaur, Darjeobod, Esanboi vil.
			Foothills Irrigated	Varzob district: Kandara, Takob vil. Shakhrinav district: Chu zi, Khodzha Childier, Sangvor, Chiptura vil.
			Mountain Rainfed	Gissar district: Durbat, Almasi, Gornaja Khanaka, Sunbula vil. Tursunzade district: Jangibog, Karatag, Pakhtabad vil.
5	Sea buckthorn (<i>Hippophae</i>)	Western Pamir & Darvaz,	Foothills Rainfed	Darvaz district: Vishkharv valley.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
	<i>rhamnoides)</i>	Gorno-Badakhshan autonomous province	Mountain Rainfed	Rasht district: Obi Khingou valley. Ishkoshim district: Andorob valley. Shugnan district: Pjandzh valley. Vanch district: Vanch valley.
6	Grapevine (<i>Vitis sp</i>)	Southwestern Tajikistan, Khotlon province	Valley Irrigated	Kulyab district: Jakhsu valley.
			Foothills Rainfed	Muminobod district: Tutkaul, Parazor vil. Khovalinsk district: Kadakhi, Degrezien vil. Kulyab district: Siraki, Dakhana vil. Moscow district: Kurbon Shaid vil. Chubek Vosey district: Ibrat vil.
		Central Tajikistan	Foothills Irrigated	Tursunzade district: Sharkent valley. Shakhrinauz district: Karatag valley. Gissar district: Khanaka valley. Rudaki district: Dariebod, Ozodi Zanon, Chortut, Chorjakkoron vil. Varzob district: Varzob valley.
		Northern Tajikistan, Sugd province	Valley Irrigated	Bobodzhon-Gafurov district: Auchik-Kalachi, Ispisar, Kistakoz, Samgar, Undzhi vil.
			Foothills Irrigated	Asht district: Pongoz, Kamish-Kurgan, Asht, Oshoba, Muborak vil. Uratyube district: Suphoriph, Khavotag, Lakat, Rugunt vil. Ganchi district: Eshankurgan, Gazanterak, Dalien vil. Pendjikent district: Margidar, Dashti-Malla vil., Pendjikent town.
7	Pistachio (<i>Pistacia vera</i>)	Southern Tajikistan, Khotlon province	Foothills Not Rainfed	Pyandj district: Pyandj forestry, Burbulag, Kirovobod, Karatag plots. Bokhtar district: Kurgan-Tube forestry, Toshabad plot. Gazimalik district: forestry

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				named after A.Kholov, Daganakiikskiy plot.
8	Walnut (<i>Juglans regia</i>)	Central Tajikistan	Valley Irrigated	Gissar district: Kipchak, Kalayi Khisor vil.
			Foothills Rainfed	Rasht district: Khait and Kamarobu valleys. Varzob district: Varzob gorge. Tavildar district: Rabat, Jezgand vil.
		Northern Tajikistan, Sugd province	Mountain Rainfed	Ayni district: Sangiston, Zoosun vil. Asht district: Shaidon, Pongoz, Punuk vil. Gonno-Matchinskiy district: Podrokh, Postegav, Paldorak vil.
			Foothills Rainfed	Asht district: Kamish-Kurgan, Muborak, Oshoba, Shajdon vil.
		Western Pamir, Gorno-Badakhshan autonomous province	Foothills Irrigated	Darvaz district: Viskharvi gorge, Viskharv vil., Kalaj-Khumb settl.
			Mountain Rainfed	Vanch district: Shargovoi, Rovani, Andarbog, Vanch vil. Rushan district: Bartang valley, Bartang, Dekh, Chadut, Basit, Barchadiv, Pastkhuph vil.
Turkmenistan				
1	Apple (<i>Malus</i> sp)	South–Western Kopetdag, Balkan province	Mountain Rainfed	Garrygala district: Garrygala forestry, Syunt-Khasardag, forest reserve, Khasar, Sjunt (Central site), Verhniy Sumbar.
		Central Kopetdag, Akhal province	Mountain Rainfed	Almalyk Gorge, Mesinev ridge, Gekdepe settlement.
			Foothills Irrigated	Geokdepe settlement, Annau settlement, Babarab settlement.
2	Pear (<i>Pyrus</i> sp)	South–Western Kopetdag, Balkan province	Mountain Rainfed	Garrygala district: Garrygala forestry. Syunt-Khasardag forest reserve: Khasar, Sjunt (Central site), Verhniy Sumbar.
		Central Kopetdag, Akhal province	Mountain Rainfed	Gorge Almalyk, Mesinev ridge, Gekdepe settlement.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
			Foothills Irrigated	Geokdepe settlement, Annau settlement, Babarab settlement.
		Northern Turkmenistan, Dashoguz province	Oasis Irrigated	Gorogly district: d/h ¹ Zaman, d/h named after Magtymkuli, d/hBereket, d/h named after Kh. Myradov.
		Eastern Turkmenistan, Lebap province	Oasis Irrigated	Atamurad district: d/h named after O. Sokhbetova, d/h Azatlyk, d/h Gyzyliak, d/h Khalach.
		South-Eastern Turkmenistan, Mary province	Oasis Irrigated	Elatan district: d/h English, d/h Dostluk, d/h Rakhat, d/h Vatan.
3	Grapevine (<i>Vitis sp</i>)	South–Western Kopetdag, Balkan province	Mountain Rainfed	Sumbar river valley, Garrygala settlement, Chendyr valley.
		Central Kopetdag, Akhal province	Valley Irrigated	Bakharden settlement, Geokcha settlement, Akdashpayak settlement, Geokdepe settlement, Abadan settlement.
		South-Eastern Turkmenistan, Mary province	Oasis Irrigated	Elatan district: d/h Sandykachi.
4	Pomegranate (<i>Punica granatum</i>)	Central Kopetdag, Balkan province	Mountain Rainfed, Irrigated	Chendir river valley, Gorge Shikhbeder, d/h named after Magtymkuli, d/h named after Nijazov, Cumbar river valley, Zerzau gorge, Etrek district, d/h named after Magtymkuli.
5	Fig (<i>Ficus carica</i>)	South–Western Kopetdag, Balkan province	Mountain Rainfed	Garrygala: Garrygala forestry, Syunt-Khasardag forest reserve, d/h Gergez, Chendir river valley, d/h named after Nijazov.
		Bolshiyi Balkhany, Balkan province	Mountain Rainfed	Gorge Byash Chashme.
6	Almond (<i>Amygdalus communis</i>)	Central Kopetdag, Akhal province	Mountain Rainfed	Bakharly district: d/h Garovul.

¹ d/h –Daikhan (or Dekhkan) Household is a legal entity that owns the land, plants, agricultural machinery, equipment and any other property required for production, processing and selling of the agricultural products. The Daikhan Household independently defines the scope of its activity and structure.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
		South–Western Kopetdag, Balkan province	Mountain Rainfed	Sumbar river valley, Palvansov, Aydere, Parkhai gorges.
7	Pistachio <i>(Pistacia vera)</i>	South–Western Kopetdag, Balkan province	Mountain Rainfed	Palvansov, Shikhbeder, Gobasevut Gorges, Khaneg Vil., Garabag Vil., Temil Vil.
		South-Eastern Turkmenistan, Mary province	Foothills Rainfed	Kushka forest farm, Badkhiz forest reserve.
		Eastern Turkmenistan, Lebap province	Mountain Rainfed	Goitendag district: d/h named after S.Nijazov, d/h Dostluk, d/h Azatlyk, d/h Goitendag.
8	Apricot <i>(Prunus armeniaca)</i>	Central Kopetdag, Akhal province	Foothills Irrigated	Akhal district: Bagir, Bakharden settlements.
		South–Western Kopetdag, Balkan province	Foothills Irrigated	Garrygala district: d/h Daina, d/h Koine-Kasir.
		Northern Turkmenistan, Dashoguz province	Oasis Irrigated	Gorogly district: d/h Abadanlyk, d/h Turkmenistan, d/h Jagtylyk, d/h named after Durdygylych.
		Eastern Turkmenistan, Lebap province	Oasis Irrigated	Sakar district: d/h Gulistan, d/h Lebap, d/h named after Seidi, d/h Vatan.
		South-Eastern Turkmenistan, Mary province	Oasis Irrigated	Mary district: d/h English, d/h Babadajkhan, d/h named after Azalov, d/h Ashgabat, d/h Khakykat.
9	Alycha <i>(Prunus cerasifera)</i>	South–Western Kopetdag, Balkan province	Foothills Rainfed	Sumbar valley, Eldere, Aidere, Yuvandere gorges.
		Northern Turkmenistan, Dashoguz province	Oasis Irrigated	Boldymzan district: d/h 10 jyl Abadanlyk, d/h Zakhmetkesh, d/h 27 Oktjabra.
		Eastern Turkmenistan, Lebap province	Oasis Irrigated	Atamurat district: d/h Murzebeggala, d/h Azatlyk, d/h Gyzylajak.
Uzbekistan				

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
1	Apple (<i>Malus sp</i>)	Tashkent province	Mountain and foothills Rainfed	Karankulsay gorge, Parkentsay gorge Bostanlyk district: Chimgan, Sidjak, Khumsan, Nanai, Bogustan villages Parkent district: Parkent vil., Sukok vil. Zarkent district: Zarkent vil.
		Fergana valley	Foothills of Kuramin ridge in south-western Tian Shan Irrigated	Abu-ali-ibn-sino forestry: Chadak village. Kasan forestry: Kaspisai plot.
			Foothills of Chatkal ridge in south-western Tian Shan Irrigated	Namangan province: Nanai district: Nanai village.
			Alai ridge Rainfed	Fergana province: Cokh village.
		Khorezm oasis	Oasis Irrigated	Khazarasp district: Karvak vil., Ulugbek shirkat. Khiva district: Irdinzan vil. Khonka district: Karamazy vil. Turtkul district: Shorakhon vil.
		Gissar ridge Surkhandarya province	Mountain Rainfed	Sargirdag tract; Denau district: Uzun forestry
2	Apricot (<i>Prunus armeniaca</i>)	Gissar, Zeravshan, Nurata ridges	Foothills Irrigated	Samarkand district: Nekhrobod, Gulobod shirkat ² . Akdarya district: Amir Temur shirkat.
		Syrkhandarya province	Foothills Irrigated	Baysun district: Baysun vil Derbent district: Derbent vil. Termez district: Manguzar vil., Angor district: Karasu settl.
		Fergana valley, Fergana province	Valley Irrigated	Kuvasay district: Kuvasay vil. Vuadil district: Shakhimardan vil., Vuadil vil.

² Shirkat is a legal entity consisting of citizens voluntarily united on the share holding basis to produce agricultural products.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
		Khorezm oasis	Oasis Irrigated	Khazarasp district: Karvak vil. Khonka district: Karamazy vil. Turtkul district: Shorakhon vil. Ellikkala district: Bogeb vil.
		Bukhara province	Oasis Irrigated	Vabkent district: Vabkent vil. Romitan district: Romitan vil. Bukhara district: Bukhara vil.
3	Pear (<i>Pyrus sp</i>)	Tashkent province	Mountain/ Foothills Rainfed	Karankulsay gorge, Parkentsay gorge Bostanlyk district: Chimgan, Sidjak, Khumsan, Nanai, Bogustan villages Parkent district: Parkent vil., Sukok vil. Zarkent district: Zarkent vil.
		Khorezm oasis	Oasis Irrigated	Khazarasp district: Karvak village, Ulugbek shirkat. Khiva district: Irдинzan vil. Khonka district: Karamazy vil.
		Gissar ridge, Surkhandarya province	Mountain Rainfed	Uzun forestry, Sangardak tract, Tupolon river valley Altyn district: Vakhshovar vil. Saryasia district: Sangardak shirkat. Uzun district: Khonariza shirkat.
		Fergana valley, Namangan province	Foothills of Chatkal ridge in south-western Tian Shan Irrigated	Nanai district: Nanai vil.
4	Almond (<i>Amygdalus communis</i>)	Chatkal ridge	Mountain Rainfed	Burchmulla forestry: Khodjekent plot
		Nurata ridge, Samarkand province	Foothills Rainfed	Saraikurgan forestry: Plots # 1 and 2.
		Gissar ridge	Mountain Rainfed	Kitap forestry: Kovzikhona plot.
		Kuram ridge	Foothills	Akhangaran forestry: plots # 2 and 3.

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5	Walnut (<i>Juglans regia</i>)	Chatkal, Ugam, Pskem ridges in south-western Tien-Shan mountain chain	Mountain and foothills Rainfed	Burchmulla Forestry: Sidjak vil., Khojent vil., Chigan vil.
		Nuratau ridge in Pamir–Alay mountain chain	Foothills Rainfed	Nurata Nut species reserve, Farish forestry, Osmonsai settl., Madjarum, Khaist, Ukhum plots.
		Turkestan ridge in Pamir-Alay mountain chain	Mountain and foothills Rainfed	Bakhmal forestry: Bakhmal vil.
		Gissar ridge in, Pamir-Alay mountain chain	Mountain and foothills Rainfed/irrigated	Uzun forestry: Sangardar, Uzun, Denau tracts.
6	Pistachio (<i>Pistacia vera</i>)	Babatag ridge in Pamir–Alay mountain chain, Surkhandarya province	Mountain and foothills Rainfed	Babatag forestry: Dukhona vil., Chagam vil.
		Nuratau ridge, Samarkand province	Foothills Rainfed	Saraykurgan forestry: plots # 1-4, Saraykurgan vil.
		Tashkent province	Mountain Rainfed	Bostanlyk district: Karankulsai gorge
7	Grapevine (<i>Vitis sp</i>)	Fergana valley	Valley Irrigated	Andijon province: Markhamat vil., Balykchi vil. Fergana province: Kuva district, Kuva vil. Margilan district: Margilan town.
		Tashkent province	Foothills Rainfed/irrigated	Parkent district: Parkent vil., Sukok vil., Zarkent vil.
		Samarkand province	Foothills Irrigated	Bulungur district: Bulungur vil., Urgut district: Urgut vil. Tailyak district: Tailyak vil.
		Babatag ridge in Pamir -Alay mountain chain, Surkhandarya province	Valley Irrigated	Altyn district: Khondiza vil.
			Foothills (Valley of Tupolang river) Rainfed	Uzun forestry: Uzun vil.

	<i>Crop/species</i>	<i>Region</i>	<i>Agroecosystem</i>	<i>Project sites</i>
8	Pomegranate (<i>Punica granatum</i>)	Babatag ridge of Pamir -Alay mountain chain, spur of Gissar ridge, Surkhandarya province	Valley Irrigated	Saraosie district: Dashnabad vil. Sherabad district: Sherabad vil. Termez district: Dostlik shirkat, Altyn district: Novabod shirkat, Aksu vil.
			Mountain Rainfed	Uzun forestry: Sangardar tract.
		Fergana valley, Fergana province	Valley Irrigated	Kuva district: Kuva vil., Margilan district: Margilan town.

Table S2. Characteristics of Households (HH): crop, management space, country, agroecological zone, ethnic group and ecoregion

HH.ID	Crop	Management Space	Country	Agroecological zone	Ethnic group	Ecoregion
1001	Apple	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1001	Apricot	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1001	Grapevine	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1002	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan montane conifer forests
1003	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan montane conifer forests
1003	Pear	Orchard	KAZ	Almatay	Kazakh	Tian Shan montane conifer forests
1005	Apple	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1005	Apricot	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1007	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1008	Apple	Home garden	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1009	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1009	Pear	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1010	Apple	Orchard	KAZ	South-Kazakhstan	Russian	Tian Shan foothill arid steppe
1010	Pear	Home garden	KAZ	South-Kazakhstan	Russian	Tian Shan foothill arid steppe
1011	Apple	Home garden	KAZ	Almatay	Kazakh	Central Asian northern desert
1011	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert

1011	Pear	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1012	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1013	Apple	Home garden	KAZ	Almatay	Russian	Tian Shan montane conifer forests
1014	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1015	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1016	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1017	Apple	Home garden	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1017	Grapevine	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1018	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Gissaro-Alai open woodlands
1019	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan montane conifer forests
1020	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1021	Apricot	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1022	Pear	Orchard	KAZ	Almatay	Russian	Tian Shan montane conifer forests
1023	Apple	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1023	Apricot	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1024	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1025	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1026	Apple	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1026	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe

1027	Apple	Orchard	KAZ	South-Kazakhstan	Russian	Alai-Western Tian Shan steppe
1027	Apricot	Orchard	KAZ	South-Kazakhstan	Russian	Alai-Western Tian Shan steppe
1027	Grapevine	Orchard	KAZ	South-Kazakhstan	Russian	Alai-Western Tian Shan steppe
1027	Pear	Orchard	KAZ	South-Kazakhstan	Russian	Alai-Western Tian Shan steppe
1028	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1028	Apricot	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1029	Apple	Home garden	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1029	Pear	Home garden	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1031	Apple	Orchard	KAZ	Almatay	Russian	Central Asian northern desert
1031	Pear	Orchard	KAZ	Almatay	Russian	Central Asian northern desert
1032	Apple	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1032	Grapevine	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1033	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1033	Apricot	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1033	Grapevine	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1033	Pear	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1034	Apple	Orchard	KAZ	South-Kazakhstan	Kazakh	Gissaro-Alai open woodlands
1035	Apple	Orchard	KAZ		Kazakh	Gissaro-Alai open woodlands
1036	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1037	Apple	Orchard	KAZ	Almatay	Russian	Tian Shan montane conifer forests

1038	Apple	Orchard	KAZ	Almatay	Russian	Tian Shan montane conifer forests
1038	Pear	Orchard	KAZ	Almatay	Russian	Tian Shan montane conifer forests
1039	Apricot	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1040	Grapevine	Orchard	KAZ	South- Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1041	Apple	Orchard	KAZ	South- Kazakhstan	Turkish	Tian Shan foothill arid steppe
1041	Pear	Home garden	KAZ	South- Kazakhstan	Turkish	Tian Shan foothill arid steppe
1042	Apple	Orchard	KAZ	Almatay	Russian	Central Asian northern desert
1043	Grapevine	Orchard	KAZ	South- Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1044	Apple	Orchard	KAZ	Almatay	Russian	Tian Shan montane conifer forests
1045	Apple	Orchard	KAZ	South- Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1045	Apricot	Orchard	KAZ	South- Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1045	Pear	Orchard	KAZ	South- Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1046	Apple	Orchard	KAZ	South- Kazakhstan	Uzbek	Gissaro-Alai open woodlands
1046	Apricot	Orchard	KAZ	South- Kazakhstan	Uzbek	Gissaro-Alai open woodlands
1047	Apple	Orchard	KAZ	Almatay	Turkish	Tian Shan foothill arid steppe
1048	Apple	Orchard	KAZ	Almatay	Turkish	Tian Shan montane conifer forests
1048	Pear	Orchard	KAZ	Almatay	Turkish	Tian Shan montane conifer forests
1049	Apple	Orchard	KAZ	South- Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1049	Grapevine	Orchard	KAZ	South- Kazakhstan	Kazakh	Alai-Western Tian Shan steppe

1050	Apricot	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1050	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1051	Apple	Orchard	KAZ	South-Kazakhstan	Uzbek	Gissaro-Alai open woodlands
1051	Pear	Orchard	KAZ	South-Kazakhstan	Uzbek	Gissaro-Alai open woodlands
1052	Apple	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1052	Apricot	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1052	Grapevine	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1053	Apple	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1053	Pear	Orchard	KAZ	South-Kazakhstan	Kazakh	Alai-Western Tian Shan steppe
1054	Apple	Orchard	KAZ	South-Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1054	Apricot	Orchard	KAZ	South-Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1054	Pear	Orchard	KAZ	South-Kazakhstan	Uzbek	Alai-Western Tian Shan steppe
1055	Apple	Orchard	KAZ	Almatay	Russian	Central Asian northern desert
1055	Pear	Orchard	KAZ	Almatay	Russian	Central Asian northern desert
1056	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1056	Pear	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1057	Apple	Orchard	KAZ	Almatay	Turkish	Tian Shan montane conifer forests
1058	Apple	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1058	Pear	Orchard	KAZ	Almatay	Kazakh	Central Asian northern desert
1059	Apple	Orchard	KAZ	South-Kazakhstan	Kazakh	Tian Shan foothill arid steppe

1059	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Tian Shan foothill arid steppe
1059	Pear	Orchard	KAZ	South-Kazakhstan	Kazakh	Tian Shan foothill arid steppe
1060	Apple	Orchard	KAZ	Almatay	Kazakh	Tian Shan foothill arid steppe
1061	Grapevine	Orchard	KAZ	South-Kazakhstan	Kazakh	Gissaro-Alai open woodlands
1062	Apple	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1063	Grapevine	Orchard	KAZ	Almatay	Uygur	Tian Shan foothill arid steppe
1064	Apple	Orchard	KAZ	South-Kazakhstan	Russian	Tian Shan foothill arid steppe
1064	Apricot	Orchard	KAZ	South-Kazakhstan	Russian	Tian Shan foothill arid steppe
1064	Pear	Orchard	KAZ	South-Kazakhstan	Russian	Tian Shan foothill arid steppe
2001	Apricot	Home garden	KGZ	South Kyrgyzstan	Tajik	Gissaro-Alai open woodlands
2002	Apricot	Home garden	KGZ	South Kyrgyzstan	Tajik	Gissaro-Alai open woodlands
2003	Apricot	Home garden	KGZ	South Kyrgyzstan	Tajik	Gissaro-Alai open woodlands
2004	Apricot	Home garden	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2005	Apricot	Home garden	KGZ	South Kyrgyzstan	Tajik	Gissaro-Alai open woodlands
2006	Apricot	Home garden	KGZ	South Kyrgyzstan	Tajik	Gissaro-Alai open woodlands
2007	Grapevine	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2008	Grapevine	Orchard	KGZ		Kyrgyz	Gissaro-Alai open woodlands
2021	Apple	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2021	Walnut	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2021	Walnut	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2022	Apple	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands

2022	Walnut	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2023	Apple	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2023	Walnut	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2025	Walnut	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2026	Walnut	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2027	Apple	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2027	Walnut	Orchard	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2028	Apple	Home garden	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2028	Walnut	Home garden	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2028	Walnut	Orchard	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2029	Apple	Home garden	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2033	Apple	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2033	Walnut	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2034	Apple	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2034	Walnut	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2035	Apple	Home garden	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2035	Walnut	Home garden	KGZ	South Kyrgyzstan	Uzbek	Gissaro-Alai open woodlands
2039	Walnut	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2040	Walnut	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2041	Walnut	Home garden	KGZ	South Kyrgyzstan	Kyrgyz	Gissaro-Alai open woodlands
2047	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe

2048	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2049	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2050	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2052	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2053	Apple	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2055	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2055	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2056	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2057	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2057	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2058	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2058	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2059	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2059	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2060	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2061	Apple	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2061	Currant	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2062	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2065	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan montane conifer forests
2065	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan montane conifer forests

2067	Apple	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan montane conifer forests
2067	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan montane conifer forests
2068	Currant	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan montane conifer forests
2070	Apple	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan montane conifer forests
2075	Grapevine	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2076	Grapevine	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2077	Grapevine	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2078	Grapevine	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2079	Grapevine	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
2080	Grapevine	Home garden	KGZ	North Kyrgyzstan	Russian	Tian Shan foothill arid steppe
2081	Grapevine	Home garden	KGZ	North Kyrgyzstan	Kyrgyz	Tian Shan foothill arid steppe
3001	Grapevine	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3001	Grapevine	Orchard	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3002	Grapevine	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3002	Grapevine	Orchard	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3003	Apple	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3004	Apple	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3005	Apple	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3006	Pear	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands

3008	Walnut	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3010	Apple	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3011	Apricot	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3012	Apple	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3013	Apricot	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3014	Pear	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3015	Pear	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3016	Pear	Orchard	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3017	Pear	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3018	Apple	Orchard	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3019	Apple	Orchard	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3020	Pear	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3021	Pear	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3022	Grapevine	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3023	Grapevine	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3024	Apple	Home garden	TJK	Central Tajikistan	Tajik	Alai-Western Tian Shan steppe
3025	Apple	Home garden	TJK	Central Tajikistan	Tajik	Gissaro-Alai open woodlands
3026	Apricot	Orchard	TJK	Northern Tajikistan	Tajik	Alai-Western Tian Shan steppe
3027	Apricot	Orchard	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3028	Apple	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3028	Apple	Orchard	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands

3028	Apricot	Orchard	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3029	Apple	Home garden	TJK	Northern Tajikistan	Tajik	Gissaro-Alai open woodlands
3030	Apricot	Orchard	TJK	Northern Tajikistan	Tajik	Pamir alpine desert and tundra
3031	Pear	Orchard	TJK	Northern Tajikistan	Tajik	Pamir alpine desert and tundra
3032	Pear	Home garden	TJK	Northern Tajikistan	Tajik	Pamir alpine desert and tundra
3033	Walnut	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3034	Pear	Home garden	TJK		Tajik	Pamir alpine desert and tundra
3035	Pear	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3036	Walnut	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3040	Apple	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3041	Walnut	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3043	Walnut	Home garden	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3047	Apple	Orchard	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
3047	Apricot	Orchard	TJK	Central Tajikistan	Tajik	Pamir alpine desert and tundra
4001	Pear	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4002	Pear	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4003	Apricot	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4004	Apricot	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4005	Cherry plum	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4006	Apricot	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert

4007	Apricot	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4008	Apricot	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4009	Apricot	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4010	Cherry plum	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4011	Apricot	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4012	Pear	Orchard	TRM	North Turkmenistan	Kazakh	Central Asian riparian woodlands
4014	Cherry plum	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4015	Cherry plum	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4017	Apricot	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4018	Apricot	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4019	Cherry plum	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4020	Cherry plum	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4021	Cherry plum	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4022	Cherry plum	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands

4023	Pear	Orchard	TRM	East Turkmenistan	Uzbek	Central Asian riparian woodlands
4024	Pear	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4025	Almond	Home garden	TRM	West Turkmenistan	Turkmen	Kopet Dag woodlands and forest steppe
4028	Almond	Home garden	TRM	West Turkmenistan	Turkmen	Kopet Dag woodlands and forest steppe
4029	Almond	Home garden	TRM	West Turkmenistan	Turkmen	Kopet Dag woodlands and forest steppe
4030	Almond	Home garden	TRM	West Turkmenistan	Turkmen	Kopet Dag woodlands and forest steppe
4033	Almond	Home garden	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4046	Pomegranate	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4047	Pomegranate	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4048	Pomegranate	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4049	Pomegranate	Home garden	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4049	Pomegranate	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4052	Apple	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4053	Apple	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe

4054	Apple	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4055	Apple	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4056	Apple	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4057	Apple	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4058	Apple	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4059	Apple	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4060	Apple	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4061	Apple	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4062	Apple	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4063	Apple	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4064	Apple	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4065	Apple	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4066	Apple	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4067	Apple	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4068	Apple	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4069	Apple	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands

4070	Apple	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4071	Apple	Orchard	TRM	East Turkmenistan	Turkmen	Central Asian riparian woodlands
4072	Cherry plum	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4074	Apricot	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4075	Apricot	Home garden	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4078	Pear	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4079	Apricot	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4081	Pear	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4082	Cherry plum	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4083	Apricot	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4085	Grapevine	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4086	Grapevine	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4087	Grapevine	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4088	Grapevine	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe
4089	Grapevine	Orchard	TRM	West Kopetdag	Turkmen	Kopet Dag woodlands and forest steppe

4091	Grapevine	Home garden	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4091	Grapevine	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4092	Grapevine	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4093	Grapevine	Orchard	TRM	Central Kopetdag	Turkmen	Kopet Dag semi-desert
4094	Grapevine	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4095	Grapevine	Orchard	TRM	South Turkmenistan	Turkmen	Badghyz and Karabil semi-desert
4096	Grapevine	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
4097	Grapevine	Orchard	TRM	North Turkmenistan	Turkmen	Central Asian riparian woodlands
5001	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5001	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5001	Pomegranate	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5002	Pomegranate	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5002	Pomegranate	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5003	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5003	Apricot	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5003	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5003	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5004	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5004	Apricot	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert

5004	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5004	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5004	Pomegranate	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5004	Pomegranate	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5005	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5005	Apricot	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5006	Pomegranate	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5007	Pomegranate	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5008	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5008	Apricot	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5009	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5009	Apricot	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5009	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5010	Apricot	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5010	Apricot	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5010	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5010	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5010	Pomegranate	Home garden	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5010	Pomegranate	Orchard	UZB	Central Uzbekistan	Uzbek	Central Asian southern desert
5011	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands

5011	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5012	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5012	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5013	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5013	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5014	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5014	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5015	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5015	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5015	Grapevine	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5015	Grapevine	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5016	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5016	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5017	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5017	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5018	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert

5018	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5019	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5019	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5020	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5020	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5021	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5021	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5022	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5022	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5023	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5023	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5024	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5024	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5025	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5026	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5026	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5027	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert

5027	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5028	Pear	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5028	Pear	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5029	Pear	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5029	Pear	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5030	Pear	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5031	Pear	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5031	Pear	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5032	Pear	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5033	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5034	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5035	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5035	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5036	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5036	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5037	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5037	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands

5038	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5038	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5039	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5039	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5039	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5039	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5040	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5040	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5040	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5040	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5040	Pomegranate	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5040	Pomegranate	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5041	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5041	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5041	Apricot	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5041	Apricot	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5042	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5042	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5043	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5043	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert

5044	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5045	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5045	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5046	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5046	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5047	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5047	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5048	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5048	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5049	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5050	Grapevine	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5051	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5051	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5052	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5052	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian southern desert
5053	Apple	Home garden	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5053	Apple	Orchard	UZB	Northern Uzbekistan	Uzbek	Central Asian riparian woodlands
5054	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe

5054	Pear	Orchard	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5055	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5055	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5055	Pear	Orchard	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5056	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5056	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5057	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5057	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5058	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5059	Grapevine	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5059	Grapevine	Orchard	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5060	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5060	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5061	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5061	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5062	Grapevine	Home garden	UZB	Southern Uzbekistan	Tajik	Alai-Western Tian Shan steppe
5063	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5064	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5065	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5065	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert

5066	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5066	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5067	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5067	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5068	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5069	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5070	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5070	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5071	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5071	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5072	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5074	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5075	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5075	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5076	Grapevine	Home garden	UZB	Southern Uzbekistan	Tajik	Gissaro-Alai open woodlands
5076	Grapevine	Orchard	UZB	Southern Uzbekistan	Tajik	Gissaro-Alai open woodlands
5077	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5077	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5078	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5078	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5079	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands

5079	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5080	Apple	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5080	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5080	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5081	Apple	Home garden	UZB	Southern Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5082	Apple	Home garden	UZB	Southern Uzbekistan	Tajik	Gissaro-Alai open woodlands
5082	Pear	Home garden	UZB	Southern Uzbekistan	Tajik	Gissaro-Alai open woodlands
5082	Pear	Orchard	UZB	Southern Uzbekistan	Tajik	Gissaro-Alai open woodlands
5083	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5083	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5084	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5084	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5085	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5086	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5086	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5087	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5087	Apricot	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert

5088	Apricot	Home garden	UZB	Southern Uzbekistan	Tajik	Badghyz and Karabil semi-desert
5088	Apricot	Orchard	UZB	Southern Uzbekistan	Tajik	Badghyz and Karabil semi-desert
5089	Pomegranate	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5089	Pomegranate	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5090	Apricot	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5091	Pomegranate	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5091	Pomegranate	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5092	Pomegranate	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5092	Pomegranate	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5094	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5094	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5095	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5096	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5096	Apple	Orchard	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5097	Almond	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5098	Almond	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5098	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands

5098	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5099	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5099	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5099	Pear	Orchard	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5100	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5101	Pear	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5102	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5102	Pear	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5102	Walnut	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5103	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5103	Pear	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5103	Pear	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5103	Walnut	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5104	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5104	Apple	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5104	Pear	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5104	Pear	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5105	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5105	Apple	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5105	Walnut	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5106	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands

5107	Walnut	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5108	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5108	Apple	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5109	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5109	Walnut	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5111	Grapevine	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5111	Grapevine	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5112	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5112	Grapevine	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5113	Apple	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5113	Grapevine	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5113	Grapevine	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5114	Apple	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5114	Apple	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5114	Grapevine	Home garden	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5114	Grapevine	Orchard	UZB	Central Uzbekistan	Tajik	Gissaro-Alai open woodlands
5115	Almond	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5115	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5116	Almond	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5116	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5116	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands

5116	Pear	Orchard	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5116	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5117	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5117	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5118	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5119	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5119	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5119	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5120	Apple	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5120	Pear	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5120	Pear	Orchard	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5127	Pear	Home garden	UZB	Southern Uzbekistan	Tajik	Gissaro-Alai open woodlands
5129	Pomegranate	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5129	Pomegranate	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5130	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5130	Grapevine	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5131	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5132	Apple	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert

5132	Apple	Orchard	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5133	Grapevine	Home garden	UZB	Southern Uzbekistan	Uzbek	Badghyz and Karabil semi-desert
5138	Almond	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5138	Almond	Orchard	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5139	Almond	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5141	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5142	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Alai-Western Tian Shan steppe
5143	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5144	Walnut	Home garden	UZB	Central Uzbekistan	Uzbek	Gissaro-Alai open woodlands
5145	Grapevine	Home garden	UZB	Fergana Valley	Tajik	Gissaro-Alai open woodlands
5145	Grapevine	Orchard	UZB	Fergana Valley	Tajik	Gissaro-Alai open woodlands
5146	Apple	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5146	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5147	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5147	Grapevine	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5148	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5148	Apple	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5149	Pear	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5150	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5150	Apple	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands

5151	Apple	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5151	Pear	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5152	Apple	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5153	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5154	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5155	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5155	Pear	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5156	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5157	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5158	Apricot	Home garden	UZB	Fergana Valley	Kyrgyz	Alai-Western Tian Shan steppe
5158	Grapevine	Orchard	UZB	Fergana Valley	Kyrgyz	Alai-Western Tian Shan steppe
5159	Apricot	Home garden	UZB	Fergana Valley	Kyrgyz	Gissaro-Alai open woodlands
5160	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5161	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5161	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5162	Apricot	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5162	Pomegranate	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5163	Pomegranate	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5164	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5165	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5165	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands

5166	Apricot	Home garden	UZB	Fergana Valley	Kyrgyz	Alai-Western Tian Shan steppe
5166	Grapevine	Orchard	UZB	Fergana Valley	Kyrgyz	Alai-Western Tian Shan steppe
5167	Apple	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5167	Pear	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5168	Apple	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5168	Pear	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5169	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5169	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5170	Apricot	Orchard	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5171	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5172	Apricot	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5172	Grapevine	Orchard	UZB	Fergana Valley	Uzbek	Gissaro-Alai open woodlands
5173	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5173	Pomegranate	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5174	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5174	Grapevine	Orchard	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5175	Apricot	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe
5175	Grapevine	Home garden	UZB	Fergana Valley	Uzbek	Alai-Western Tian Shan steppe

Table S3. Varietal diversity at household level

HH ID	Almond	Apple	Apricot	Cherry plum	Currant	Grapevine	Pear	Pomegranate	Walnut
1001		5	1			1			
1002		15							
1003		5					1		
1004						1			
1005		8	3						
1006		7					1		
1007						1			
1008		1							
1009		22					3		
1010		13					2		
1011		13					3		
1012						7			
1013		4							
1014		10							
1015		8							
1016		1							
1017		3				4			
1018						12			
1019		3							
1020						1			
1021			2						
1022							1		
1023		3	1						
1024		10							
1025						2			
1026		3				5			
1027		9	3			1	2		
1028		2	1						
1029		3					1		
1030		4				4	1		
1031		13					4		
1032		4				3			
1033		6	1			1	1		
1034		2							
1035		3							
1036						1			
1037		14							

1038		3					3		
1039			1						
1040						3			
1041		5					2		
1042		12							
1043						1			
1044		2							
1045		12	3				2		
1046		4	1						
1047		4							
1048		2					1		
1049		4				2			
1050			3			3			
1051		5					2		
1052		6	1			1			
1053		13					2		
1054		9	4				2		
1055		4					2		
1056		9					5		
1057		8							
1058		3					2		
1059		3				3	1		
1060		3							
1061						1			
1062		7							
1063						4			
1064		11	1				4		
2001			3						
2002			2						
2003			3						
2004			3						
2005			5						
2006			3						
2007						2			
2008						1			
2021		7							3
2022		6							2
2023		10							3
2025									3
2026									3
2027		3							3
2028		5							3

2029		4							
2033		5							2
2034		4							2
2035		3							3
2039									3
2040									3
2041									3
2047		5							
2048		4							
2049		8							
2050					1				
2052					2				
2053		3							
2055		8			1				
2056		9							
2057		11			1				
2058		19			2				
2059		7			2				
2060					1				
2061		8			1				
2062		14							
2065		5			3				
2066		9							
2067		3			2				
2068					1				
2069					1				
2070		3							
2075						17			
2076						15			
2077						6			
2078						1			
2079						1			
2080						3			
2081						18			
2082						10			
3001						6			
3002						4			
3003		5							
3004		2							
3005		1							
3006							1		
3008									2

3010		3						
3011			10					
3012		4						
3013			7					
3014						2		
3015						4		
3016						6		
3017						3		
3018		10						
3019		2						
3020						3		
3021						3		
3022					4			
3023					3			
3024		4						
3025		3						
3026			12					
3027			5					
3028		3	4					
3029		1						
3030			5					
3031						1		
3032						1		
3033								1
3034						1		
3035						3		
3036								1
3037		2						
3040		5						
3041								4
3042		5						
3043								2
3047		9	3					
4001						5		
4002						7		
4003			2					
4004			7					
4005				6				
4006			6					
4007			6					
4008			6					
4009			5					

4010				5					
4011			4						
4012							4		
4014				3					
4015				3					
4016							4		
4017			5						
4018			3						
4019				5					
4020				4					
4021				6					
4022				7					
4023							5		
4024							4		
4025	4								
4028	3								
4029	4								
4030	3								
4033	2								
4046								6	
4047								5	
4048								9	
4049								6	
4052		6							
4053		4							
4054		6							
4055		5							
4056		5							
4057		5							
4058		5							
4059		3							
4060		4							
4061		5							
4062		6							
4063		6							
4064		9							
4065		4							
4066		8							
4067		2							
4068		4							
4069		4							
4070		6							

4071		6							
4072				4					
4074			3						
4075			4						
4078							5		
4079			6						
4081							6		
4082				4					
4083			4						
4085						5			
4086						8			
4087						7			
4088						5			
4089						2			
4091						3			
4092						3			
4093						1			
4094						1			
4095						1			
4096						3			
4097						5			
4098						2			
4099						1			
5001			6			4		3	
5002								3	
5003			6			5			
5004			8			5		2	
5005			5						
5006								2	
5007								3	
5008			7						
5009			6			1			
5010			6			5		4	
5011			5						
5012			3						
5013			4						
5014			5						
5015			3			3			
5016			5						
5017			3						
5018			5						
5019		4							

5020		3							
5021		4							
5022		2							
5023		3							
5024		4							
5025		4							
5026		3							
5027		4							
5028							5		
5029							2		
5030							3		
5031							3		
5032							4		
5033			5						
5034			4						
5035			4						
5036			5						
5037			3						
5038			4						
5039		4	5						
5040		4	5					2	
5041		5	9						
5042		3							
5043		3							
5044		1							
5045		3							
5046		2							
5047		4							
5048		5							
5049		4							
5050						2			
5051		6							
5052		5							
5053		2							
5054							3		
5055						2	5		
5056						4			
5057						2			
5058						5			
5059						10			
5060						3			
5061						3			

5062						3			
5063						1			
5064						1			
5065						3			
5066						4			
5067						2			
5068						1			
5069						2			
5070						3			
5071						2			
5072						1			
5074						1			
5075						2			
5076						3			
5077						4			
5078			3						
5079			5						
5080		4	7						
5081		1							
5082		1					4		
5083			7						
5084			4						
5085			1						
5086			5						
5087			5						
5088			4						
5089								4	
5090			2						
5091								8	
5092								6	
5094		3					1		
5095		1							
5096		3							
5097	1								
5098	1						1		1
5099		3					3		
5100		4							
5101							1		
5102		6					1		1
5103		3					2		1
5104		5					2		
5105		3							2

5106		2							
5107									1
5108		3							
5109		1							1
5111						2			
5112		3				4			
5113		1				2			
5114		5				3			
5115	1								2
5116	2	1					4		1
5117		1							2
5118									1
5119		1					1		1
5120		1					2		
5127							4		
5129								4	
5130						4			
5131						5			
5132		3							
5133						2			
5138	2								
5139	1								
5141									1
5142									3
5143									6
5144									5
5145						7			
5146		3	4						
5147						7			
5148		7							
5149							1		
5150		5							
5151		2					2		
5152		1							
5153						4			
5154		7							
5155		5					3		
5156		6							
5157						8			
5158			6			3			
5159			5						
5160		4							

5161			3			8			
5162			1					3	
5163								1	
5164			5						
5165			6			4			
5166			3			2			
5167		2					6		
5168		6					8		
5169			7			5			
5170			3						
5171						3			
5172			1			2			
5173			9					4	
5174			7			4			
5175			5			4			

Table S4. Variety names and types per crop at project level

Crop	Variety name	Variety type (M=Traditional, И= Introduced, C= Modern)
Apricot	Ак кандак	М
Apricot	Ак пишар	М
Apricot	Ак урик	М
Apricot	Ак ширпайванди	М
Apricot	Арзами	М
Apricot	Ахрори	М
Apricot	Бодом урик	М
Apricot	Бодомак	М
Apricot	Венгерский	М
Apricot	Ёгли (мойли)	М
Apricot	Ёзги хашаки	М
Apricot	Жавзаки	М
Apricot	Жамбил	М
Apricot	Исфарак (Испарак)	М
Apricot	Кандак	М
Apricot	Кандак желтый	М
Apricot	Кандак красный	М
Apricot	Кандак майда	М
Apricot	Кандак хашаки	М
Apricot	Ковун урик	М
Apricot	Краснощекий	И
Apricot	Курсадик	М
Apricot	Лолача	М
Apricot	Лючак	М
Apricot	Майский	М
Apricot	Майский белый	М
Apricot	Майский желтый	М
Apricot	Олма урик	М
Apricot	Пайванди	М
Apricot	Пах-паха	М
Apricot	Рухи джуванон	М
Apricot	Сарик урик	М
Apricot	Субхони	М
Apricot	Хурмаи	М
Apricot	Чилдона	М
Apricot	Шалах	И
Apricot	Шафтолисимон	М
Apricot	Ширпайванди	М
Apricot	Эрта ак пишар	М
Apricot	Юбилейный Навои	С
Apricot	Юрт уриги	М

Apricot	Ялырок	М
Apricot	Ак исфарак	И
Apricot	Ворухи	М
Apricot	Гулхак	М
Apricot	Ерли	М
Apricot	Комсомолец	И
Apricot	Консервный	И
Apricot	Мафтоби (Махтоби)	М
Apricot	Мафтоби зард	М
Apricot	Мирман	М
Apricot	Мирсанджали	М
Apricot	Навотак	М
Apricot	Никитский	М
Apricot	Никитский краснощекий	М
Apricot	Нукул	М
Apricot	Персиковый	М
Apricot	Сафетдаг	М
Apricot	Субхони кизил	И
Apricot	Тулаки	М
Apricot	Худжамири	М
Apricot	Худжанди	М
Apricot	Чарбак	М
Apricot	Чулак	М
Apricot	Сарыорне	М
Apricot	Кеч пишар	М
Apricot	Гульюнчи лючак	М
Apricot	Ковок урик	М
Apricot	Жавпазак	М
Apricot	Кызил урик	М
Apricot	Нукул уртаги	М
Apricot	Заря Востока	И
Apricot	Советский	И
Apricot	Кандак крупный	М
Apricot	Кандак местный	М
Apricot	Говкандак	М
Apricot	Бобои крупный	М
Apricot	Хасак	М
Apricot	Маизи	М
Cherry plum	Кок солтан	М
Cherry plum	Красная майская	М
Cherry plum	Пионерка	И
Cherry plum	Писсарда	И
Cherry plum	Малиновая	И

Cherry plum	Южная красавица	И
Cherry plum	Клаймакс	И
Cherry plum	Дессертная	И
Cherry plum	Золотая осень	И
Cherry plum		М
Cherry plum		М
Grapevine	Баян ширей	И
Grapevine	Джаус	М
Grapevine	Каберне	И
Grapevine	Каракуз	М
Grapevine	Келен бармак	М
Grapevine	Кишмиш белый	М
Grapevine	Кишмиш узун башли	М
Grapevine	Кишмиш черный	М
Grapevine	Нимранг	М
Grapevine	Паркентский	М
Grapevine	Ркацители	И
Grapevine	Саперави	И
Grapevine	Сохиби	М
Grapevine	Сурхак kitabский	М
Grapevine	Тайфи белый	М
Grapevine	Тайфи розовый	М
Grapevine	Хусайне мурча миён	М
Grapevine	Хусайни	М
Grapevine	Чарос	М
Grapevine	Чумчук тили	М
Grapevine	Кара жанжал	М
Grapevine	Гызыл тогалак	М
Grapevine	Дали халили	М
Grapevine	Гок узум нухурский	М
Grapevine	Кара узум нухурский	М
Grapevine	Акмелеи	М
Grapevine	Суют узум	М
Grapevine	Гара тоголак	М
Grapevine	Гара халили	М
Grapevine	Поздний Вавилов	С
Grapevine	Кызыл сапак	М
Grapevine	Алатоо	М
Grapevine	Алма-ата	И
Grapevine	Андижанский черный	М
Grapevine	Бычий глаз	М
Grapevine	Вартан	М
Grapevine	Вассарга белая	М
Grapevine	Вестфрейзия	М

Grapevine	Волго-Дон	И
Grapevine	Гузел кара	И
Grapevine	Дамский пальчик	И
Grapevine	Дружба	И
Grapevine	Илийский	М
Grapevine	Ичкимар	И
Grapevine	Карабурну	М
Grapevine	Каттакурган	М
Grapevine	Киргизский ранний	М
Grapevine	Кишмиш молдавский	И
Grapevine	Кишмиш Согдиана	М
Grapevine	Кодрянка	И
Grapevine	Кызыл танг	М
Grapevine	Мадлен мускатный	М
Grapevine	Мирный	М
Grapevine	Молдова	И
Grapevine	Мускат белый	М
Grapevine	Мускат венгерский	И
Grapevine	Мускат розовый	И
Grapevine	Мускат фиолетовый	И
Grapevine	Мускат черный	М
Grapevine	Октябрьский	М
Grapevine	Памяти Негруля	И
Grapevine	Пино франк	М
Grapevine	Пино черный	И
Grapevine	Победа	М
Grapevine	Ранний Шредера	И
Grapevine	Ризамат	И
Grapevine	Рислинг	И
Grapevine	Севан	И
Grapevine	Сенсо	М
Grapevine	Советский	И
Grapevine	Танзар	М
Grapevine	Тербаш	И
Grapevine	Тяньшаньский	М
Grapevine	Черный поздний	М
Grapevine	Черный принц	М
Grapevine	Черный ранний	М
Grapevine	Чиллаки (Чиллики)	М
Grapevine	Штур ангур	М
Grapevine	Глобус	И
Grapevine	Изабелла	И
Grapevine	Зере	М
Grapevine	Анита	М
Grapevine	Хусайне белый	И
Grapevine	Лореба	М
Grapevine	Белый столовый	М
Grapevine	Столовый синий	М

Grapevine	Скороспелка	М
Grapevine	Кара чилги Байсунский	М
Grapevine	Вассарги	М
Grapevine	Эчкимар	М
Grapevine	Тойфи	М
Grapevine	Сиёхак	М
Grapevine	Чавз	М
Grapevine	Говак	М
Grapevine	Мехчадони	М
Grapevine	Ангури сурхи	М
Grapevine	Ангури сафед	М
Grapevine	Тайфи красный	М
Grapevine	Сиёхии меваги	М
Pomegranate	Ак дона	М
Pomegranate	Ачик дона	М
Pomegranate	Кадойи	М
Pomegranate	Кзаки анор	М
Pomegranate	Каим анор	М
Pomegranate	Кай аччик анор	М
Pomegranate	Кизил анор	М
Pomegranate	Кук анор	М
Pomegranate	Туя Тиш	М
Pomegranate	Шахрисабз	М
Pomegranate	Кара данак	М
Pomegranate	Кук пучок	М
Pomegranate	Юпка пучок	М
Pomegranate	Калин пучок	М
Pomegranate	Энар	М
Pomegranate	Кызыл Нар	М
Pomegranate	Гырмызы Габык	М

Pomegranate	Гышкы Нар	М
Pomegranate	Донгуз Нар	М
Pomegranate	Гулаша Азербайджанская	И
Pomegranate	Пурпуровый	И
Pomegranate	Гулашы поздний	И
Pomegranate	Чекишлер	М
Pomegranate	ВИР-1	И
Pomegranate	Нордон	М
Pomegranate	Гулаби	М
Pomegranate	Бедона	М
Pomegranate	Ульфи	М
Pomegranate	Ак анор	М
Pear	Бергамод	С
Pear	Бере Диль	И
Pear	Бере Лигеля	И
Pear	Вильямс	И
Pear	Дилафруз	М
Pear	Дюшес	С
Pear	Зимняя нашвати	М
Pear	Кизил нашвати	М
Pear	Куляла	М
Pear	Кюре	И
Pear	Ласточка	И
Pear	Лесная красавица	И
Pear	Любимица Клаппа	И
Pear	Нашвати (Нашпоти)	М
Pear	Ноки тирамохи	М
Pear	Оливье де Серр	И
Pear	Олмурд	М
Pear	Салом-2	М
Pear	Сары Гузель	М
Pear	Талгарская красавица	М
Pear	Тош нок	М
Pear	Шакунг	М
Pear	Юрт нашвати	М
Pear	Мраморная	И

Pear	Киргизская зимняя	М
Pear	Ароматная	И
Pear	Нашвати Байсунский	М
Pear	Ок Нашвати	М
Pear	Чилляки Нашвати	М
Pear	Ташкент нок	М
Pear	Кум нок	М
Pear	Ёзги нок	М
Pear	Кишки нок	М
Pear	Нок	М
Pear	Хусайни мурут	М
Pear	Муруди Даштиджум	М
Pear	Груша зимняя	М
Pear	Груша осенняя	М
Pear	Груша летняя	М
Pear	Муруд местный	М
Pear	Ноки пешпазак	М
Pear	Тарак	М
Pear	Муруд тарак	М
Pear	Сурх-пешпазак	М
Pear	Гарми-тирамохи	М
Pear	Точики-махалли	М
Pear	Ноки махалли	М
Almond	Бумажноскорлупый	С
Almond	Форма -2	М
Almond	Форма -3	М
Almond	Форма-1	М
Almond	Форма-4	М
Almond	Форма-5	М
Almond	Галвирак бодом	М
Almond	Писта бодом	М
Almond	Когоз бодом	М
Almond	Каттик бодом	М
Almond	Сарик бодом	М
Apple	Авенариус	И
Apple	Айгуль	М
Apple	Айдаред	И
Apple	Айнур	М
Apple	Алматинский апорт	М
Apple	Алматинский бельфлер	С
Apple	Алматинское змнее	М
Apple	Антоновка	М
Apple	Апорт	И
Apple	Апорт Александр	М
Apple	Апорт Алма-атинский	И
Apple	Апорт кроваво-красный	М
Apple	Астраханское	М
Apple	Атлас	М

Apple	Атласный	М
Apple	Бабарабка кызыл	М
Apple	Бабарабка суйджи	М
Apple	Бабушкино	М
Apple	Бахорги олма	М
Apple	Белорозовка (Столовка)	И
Apple	Белый налив	И
Apple	Бельфлер	И
Apple	Бельфлер желтый	М
Apple	Беш юлдуз (Бесжулдыз)	М
Apple	Боровинка Ташкентская	С
Apple	Вайнеспур	И
Apple	Вайнсеп	И
Apple	Восход	М
Apple	Гибрид 10-13	С
Apple	Гибрид 1-15-20	С
Apple	Голден Делишес (Голден (америкои))	И
Apple	Гравенштейн	М
Apple	Грайма золотое	И
Apple	Грани смит	И
Apple	Грушовка вернерская	М
Apple	Грушовка московская	М
Apple	Дамира	М
Apple	Делишес	И
Apple	Джонатан	И
Apple	Дукат	М
Apple	Жовтяное	М
Apple	Заилийское	М
Apple	Заря Алатау	М
Apple	Зимний Хазараспский	М
Apple	Золотое Грайма	И
Apple	Золотой пармен	М
Apple	Золотой ренет	М
Apple	Искана олма	М
Apple	Канд олма	М
Apple	Кандиль	М
Apple	Кандиль киргизский	И
Apple	Кандиль синап	И
Apple	Кара Джонатан	С
Apple	Карваки	М
Apple	Кизил олма	М
Apple	Киломун	М
Apple	Киргизское зимнее	И
Apple	Кирмизак олма	М
Apple	Кирмизак олма (из Ферганы)	М
Apple	Кольжатское	М
Apple	Корей	И

Apple	Корнелл ред	И
Apple	Косимсаркори	М
Apple	Крепсон белый	И
Apple	Крепсон красный	И
Apple	Крымсон (Крипсон)	И
Apple	Кук олма	М
Apple	Кутир олма	М
Apple	Кызылтан	М
Apple	Кыргызское зимнее	М
Apple	Лимонка	М
Apple	Майский	М
Apple	Мантуанер	И
Apple	Медовка	М
Apple	Мезгут	М
Apple	Мелба	С
Apple	Мильтон	И
Apple	Нагит	И
Apple	Наливка	М
Apple	Нафис	М
Apple	Ок олма	М
Apple	Освальд	И
Apple	Пармен зимний золотой	М
Apple	Пахта олма (себ)	М
Apple	Пепин киевский	И
Apple	Первенец Самарканда	М
Apple	Пеструшка	М
Apple	Пинова	И
Apple	Превосходный	С
Apple	Протон	И
Apple	Рахшак	М
Apple	Рашида	М
Apple	Ред делишес	М
Apple	Ренет Бурхартда	М
Apple	Ренет казахстанский	М
Apple	Ренет Лансдбергский	М
Apple	Ренет Симиренко	
Apple	(Симиренко)	М
Apple	Розмарин (Размиренка)	М
Apple	Розмарин белый	И
Apple	Румянка Алматинский	М
Apple	Рухи жони	М
Apple	Сайванская Красная	М
Apple	Сайрамское	М
Apple	Сайрамская конфетка	М
Apple	Салтанат	И
Apple	Санг себ	М
Apple	Саратони	С
Apple	Сары синап	И

Apple	Семеринко Средняя	И
Apple	Синап Алматинский	М
Apple	Стаканчик	М
Apple	Суйслепер	М
Apple	Сурхсеб разные	М
Apple	Сут олма	М
Apple	Талгарское	М
Apple	Тюльпан	М
Apple	Хазараспский	М
Apple	Хон олма	М
Apple	Хубони	М
Apple	Чавпазак	М
Apple	Чурек олма	М
Apple	Шафран	М
Apple	Шойи олма	М
Apple	Шохисеб	М
Apple	Элстар	И
Apple	Эшак олма	М
Apple	Эшак олма (Розмарин)	М
Apple	Рубин	М
Apple	Дилькон	М
Apple	Достар	М
Apple	Мекинтош	И
Apple	Каравелл	И
Apple	Джона голд	И
Apple	Догомызское	И
Apple	Старкримсон (Старкримсон)	И
Apple	Сары алма (Сарик олма)	М
	Брызги шампанского	
Apple	(Томкинг)	С
Apple	Слава Победителям	С
Apple	Хуммои	М
Apple	Трамои	М
Apple	Ориф ходжи бобо	М
Apple	Ориф бобо	М
Apple	Фазил бобо	М
Apple	Наманган олма уртаги	М
Apple	Наманган олма кечки	М
Apple	Фориг бобо	М
Apple	Магруб бобо	М
Apple	Файзи бобо	М
Apple	Эртапишар	М
Apple	Ок кизил олма	М
Apple	Кизил кишки олма	М
Apple	Эртаги олма	М
Apple	Санобар олма	М
Apple	Хубони	М
Apple	Сарик олма	М

Apple	Кулон китайка	М
Apple	Алматинский серебристый	М
Apple	Иссык-кульская жемчужина	С
Apple	Искич	М
Apple	Носкаду	М
Apple	Карсаксеб	М
Apple	Кандак	М
Apple	Рауфи	М
Apple	Бойко	М
Apple	Махтобак	М
Apple	Кандсеб	М
Apple	Зеленка	М
Apple	Хубони желтый	М
Apple	Канд себ	М
Apple	Себи асали	М
Apple	Хубони сурх	М
Apple	Хубони зард	М
Apple	Турушак	М
Apple	Бахори	М
Apple	Кабуд-2	М
Apple	Сурх-2	М
Apple	Мелотка	М
Apple	Малютка	М
Apple	Тирамохи точки	М
Apple	Ширинак	М
Apple	Пахтасеб пешпазак	М
Apple	Пахтасеб дерпазак	М
Apple	Шохусайне пешпазак	М
Apple	Шохусайне дерпазак	М
Apple	Махмадсидики	М
Walnut	Канырты	М
Walnut	Курак	М
Walnut	Тизме жангак	М
Walnut	Чукума	М
Walnut	Ёнгок махали	М
Walnut	Ёпишкок	М
Walnut	Каргатумшук	М
Walnut	Когати (Коготи)	М
Walnut	Тош ёнгок	М
Walnut	Чормагиз	М
Walnut	Катта ёнгок	М
Walnut	Прозрачно скорлупый	М
Walnut	Мелко тонкоскорлупый	М
Walnut	Думолок ёнгок	М
Walnut	Крупноплодный	М
Walnut	Галвирай ёнгок	М
Walnut	Орех грецкий удлиненный	М
Walnut	Писта пучок	М

Walnut	Магзи	М
Walnut	Коготи	М
Walnut	Серби	И
Walnut	Киргизский	И
Walnut	Туркменский	И
Walnut	Скороплодный	И
Currant	Иссык-кульская	М
Currant	Поздняя	М
Currant	Ранняя	М
Currant	Скороспелка ранняя	М
Currant	Среднеспелая	М
Currant	Урумкан	М
Currant	Черная жемчужина	С

Table S5. Model selection table

	(Intrc)	arrng	cdEcr	cdLng	strss	df	logLik	AICc	delta	weight
16	1.211	+	+	+	0.08211	22	-1212.622	2471.0	0.00	0.976
12	1.470	+	+		0.07667	15	-1224.119	2479.1	8.06	0.017
8	1.277	+	+	+		21	-1218.764	2481.1	10.13	0.006
4	1.506	+	+			14	-1229.658	2488.0	17.03	0.000
15	1.046		+	+	0.08472	21	-1228.671	2500.9	29.94	0.000
11	1.324		+		0.07991	14	-1239.684	2508.1	37.08	0.000
7	1.109		+	+		20	-1235.085	2511.6	40.62	0.000
6	1.349	+		+		11	-1246.910	2516.3	45.26	0.000
14	1.362	+		+	0.01866	12	-1246.297	2517.1	46.12	0.000
3	1.359		+			13	-1245.600	2517.8	46.82	0.000
2	1.276	+				4	-1265.987	2540.0	69.03	0.000
10	1.294	+			0.01954	5	-1265.227	2540.6	69.55	0.000
5	1.185			+		10	-1266.670	2553.7	82.71	0.000
13	1.194			+	0.01155	11	-1266.436	2555.3	84.32	0.000
1	1.116					3	-1284.868	2575.8	104.77	0.000
9	1.126				0.01246	4	-1284.558	2577.2	106.18	0.000