

Appendix A Cultivars planted in each experimental site in 2017 and 2018

Region	Site	Cultivar no.	Cultivar
2017			
Upper reaches	U1, U2	30	Huyou 727, Nei5you39, Deyou 4923, Nei5you5399, Cliangyou 018, Shuyou 217, Yixiang 2115, Jing3you177, Dexiang 4103, Deyou 4727, Longliangyou 018, Il you602, Rong18you622, Rong 7you523, Chengfengyou188, Rong 18you189, Tianyouhuazhan, Fyou 498, Y liangyou1, Cliangyouhuazhan, Tianyou863, Jingliangyouhuazhan, Jingliangyou1377, Longliangyou1146, Longliangyou1206, Lvyou4923, Anyou5819, Neiyou506, Taiyou390, Yliangyou973,
Middle-lower reaches	M	27	Yongyou2640, Yongyou1540, Yongyou4149, Yongyou4949, Fengliangyou1, Yliangyou1, Quanliangyou681, Fengliangyouxiang1, Quanliangyou1, Quanyouhuazhan, Zhunliangyou608, Cliangyou651, Cliangyou386, Yliangyou1998, Fengliangyou4, Quanyousimiao, Shenliangyou863, Chaoyouqianhao, Shenliangyou5814, Jiangliangyouhuazhan, Yliangyou900, Yliangyou2, Jingliangyou534, Longliangyou1319, Liangyoupeijiu, Yuanliangyou17, Longliangyou534
	L	19	Jiayou5, Yongyou9, Yongyou538, Yongyou1538, Yongyou1640, Yongyou2640, Yongyou12, Chunyou84, Chunyou927, Yongxian15, Shenliangyou5184, Zheyou18, Jianliangyou117, Shenyou9519, Liangyoupei9, Cliangyouhuazhan, Yliangyou900, Tianyouhuazhan, Zhongzheyu18
2018			
Upper reaches	U1	20	Deyou4103, Deyou4923, Deyou4727, Chuangyou6203, F you498, Yixiang2115, Jingyou127, Shuyou217, Huyou727, Tianyouhuazhan, Jingyouhuazhen, Chuangyou3727, Huayou7021, Huaxiangyou1618, Nei5you5399, Shenglianyou5814, Taiyou390, Jingliangyouhuazhan, Longliangyou534, Jing 3 you177
Middle-lower reaches	L	12	Yongyou1538, Yongyou1640, Yongyou1540, Yongyou9, Yongyou12, Tianyouhuazhan, Cliangyouhuazhan, Yliangyou900, Shenliangyou5184, Shenliangyou 951, Chunyou927, Zhongzheyu18