

Appendix D Location, sampling area, tree age, density, rootstock and yield of the 32 sampling apple orchards in the major apple production regions, China

The orchard address	Area (hm <sup>2</sup> )	Density(m)	Tree-age(year)	Rootstock	Yield(t/hm <sup>2</sup> )
Yishui, Shandong	0.28	2×3	17	<i>Malus robusta</i> Rehd.	40.5
Yiyuan, Shandong	0.35	2×3	17	<i>Malus robusta</i> Rehd.	45.0
Wendeng, Shandong	0.35	2×3	15	<i>Malus robusta</i> Rehd.	60.0
Penglai, Shandong	0.56	2×3	17	<i>Malus robusta</i> Rehd.	51.0
Orchard 1, Muping, Shandong	0.30	2×3	17	<i>Malus robusta</i> Rehd.	65.1
Orchard 2, Muping, Shandong	0.21	2×3	17	<i>Malus robusta</i> Rehd.	64.8
Orchard 1, Fushan, Shandong	0.20	2×3	16	<i>Malus robusta</i> Rehd.	57.0
Orchard 2, Fushan, Shandong	0.56	3×6	15	<i>Malus robusta</i> Rehd.	52.5
Orchard 1, Yingfang, Beijing	0.21	4×5	15	<i>Malus robusta</i> Rehd.	43.5
Orchard 2, Yingfang, Beijing	0.35	3×5	15	<i>Malus robusta</i> Rehd.	40.2
Orchard 1, Sanhezhuang, Beijing	0.20	3×5	15	<i>Malus robusta</i> Rehd.	56.3
Orchard 2, Sanhezhuang, Beijing	0.42	3×5	15	<i>Malus robusta</i> Rehd.	63.7
Shunping, Hebei	0.35	4×6	17	<i>Malus robusta</i> Rehd.	48.8
Shenzhou, Hebei	0.21	5×7	15	<i>Malus robusta</i> Rehd.	37.5
Xinglong, Hebei	0.28	3×4	16	<i>Malus robusta</i> Rehd.	41.3
Huailai, Hebei	0.42	3×5	18	<i>Malus robusta</i> Rehd.	33.8
Suizhong, Liaoning	0.28	4×5	15	<i>Malus robusta</i> Rehd.	57.5
Wafangdian, Liaoning	0.42	4×4.5	15	<i>Malus robusta</i> Rehd.	60
Zhuanglang, Gansu	0.18	4×5	16	<i>Malus baccata</i> L.	22.5
Jingning, Gansu	0.28	3×4	16	<i>Malus baccata</i> L.	30.0
Qinzhou, Gansu	0.21	3×4	16	<i>Malus baccata</i> L.	30.0
Liquan, Shaanxi	0.28	2.5×3.5	15	<i>Malus robusta</i> Rehd.	48.8
Qianxian, Shaanxi	0.35	2×3	15	<i>Malus robusta</i> Rehd.	45.0
Luochuan, Shaanxi	0.63	2×3	15	<i>Malus robusta</i> Rehd.	30.0
Orchard 1, Shoushui, Shaanxi	0.42	3×6	16	<i>Malus robusta</i> Rehd.	29.6
Orchard 2, Shoushui, Shaanxi	0.63	3×6	16	<i>Malus robusta</i> Rehd.	38.5
Orchard 1, Yaohe, Shaanxi	0.32	3×6	16	<i>Malus robusta</i> Rehd.	35.5
Orchard 2, Yaohe, Shaanxi	0.30	3×6	16	<i>Malus robusta</i> Rehd.	28.7
Linyi, Shanxi	0.21	4×6	17	<i>Malus robusta</i> Rehd.	41.3
Yaodu, Shanxi	0.42	3×4	17	<i>Malus robusta</i> Rehd.	41.0
Taigu, Shanxi	0.21	3×4	16	<i>Malus robusta</i> Rehd.	22.5
Lingbao, Henan	0.28	3×4	17	<i>Malus robusta</i> Rehd.	37.5