Apple Orchard Systems in China

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Total acreage: >5M acres; Average yield: 6 tons/acre
Total production: >30M tons; Average farm size: <1 acre
Major Problems in Apple Production in China

- Most trees (>95%) are on seedling rootstocks
- Both fruit thinning & bagging are manual, and labor costs are on the rise
- Low soil organic matter and overuse of fertilizers
Bending branches to horizontal + girdling
On Malus sieversii rootstock
Hanfu/GM256/M. baccata
In Liaoning Province
3rd leaf Fuji (left) and Goldens (right) on M.9 T337
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