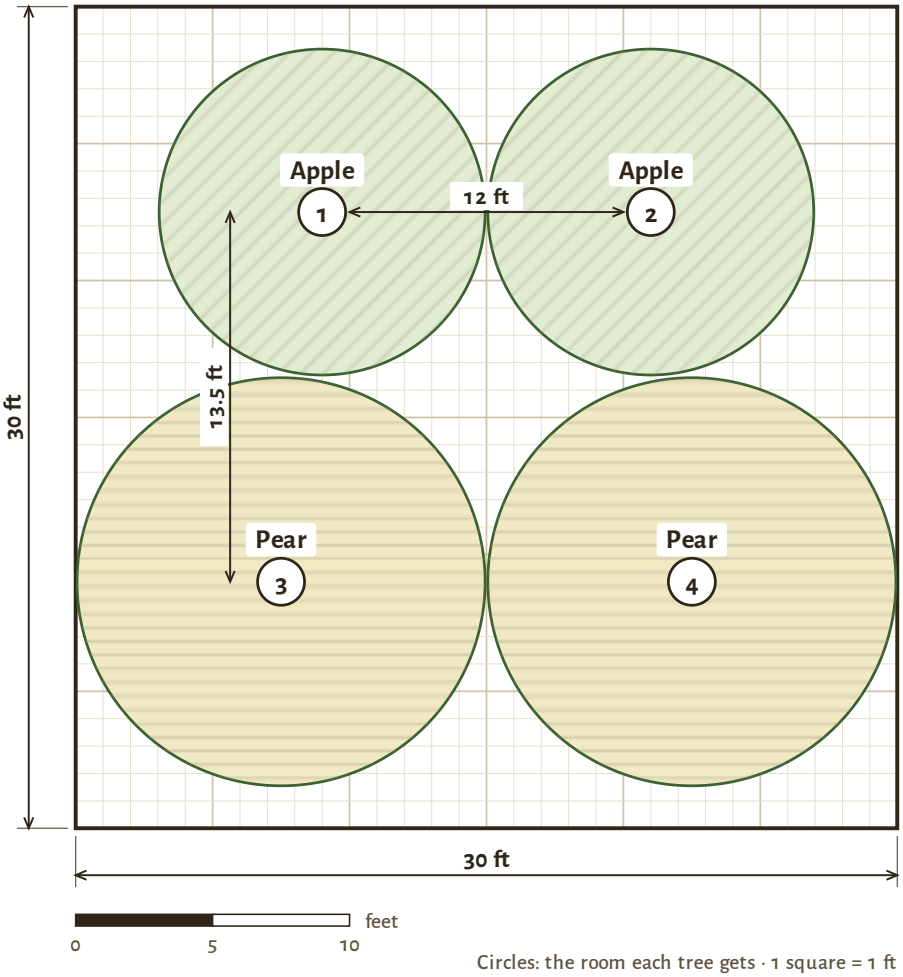
EVERYORCHARD · FREE PRINTABLE

Four-Tree Starter Orchard Plan

30 × 30 feet · 4 trees · drawn to scale from university extension spacing



Circles: the room each tree gets · 1 square = 1 ft
Turn the plan to suit your yard

#	Tree	Role in the plan	Room given	Mature size in sources	Your variety
1	Dwarf apple	Early apple	12 ft	5–15 ft tall, 5–10 ft across	
2	Dwarf apple	Late apple, partner for tree 1 †	12 ft	5–15 ft tall, 5–10 ft across	
3	Dwarf pear	Pear	15 ft	12 ft tall, 12 ft across	
4	Dwarf pear	Pear, partner for tree 3	15 ft	12 ft tall, 12 ft across	

† Not in every zone: see page 2. Pollination: keep apple partners within 20 ft of each other; keep pear partners within 30 ft of each other. Turn the plan to suit your yard. Dwarf apple: the sources name M.26, M.9 and B.9 for this class. Dwarf pear: the sources name quince for this class.

Sources: University of Minnesota; Virginia Cooperative Extension; Oregon State University Extension Service and 16 more (full list at the web address on the left)

Four-Tree Starter Orchard Plan

Spacing behind the drawing

Tree	Room given	Height	Spread	Spacing set by
Dwarf apple	12 ft	5–15 ft	5–10 ft	University of Minnesota; Virginia; Iowa State University
Dwarf pear	15 ft	12 ft	12 ft	University of New Hampshire; Kansas State University; Virginia

Each tree's circle is as wide as the widest spacing university extension sources recommend for home gardens for its size class as a whole, and neighboring circles touch, so two trees stand half of each one's spacing apart. A bigger size class never gets less room than a smaller one of the same fruit. Figures for one rootstock, soil or training system are on the plan's web page.

Variety picks by zone

Zone	1	2	3	4
4	Yellow Transparent	Honeycrisp †	Golden Spice	Ure
5	Yellow Transparent	Red Delicious	Patten	Harrow Delight
6	Yellow Transparent	Red Delicious	D'Anjou	Harrow Delight
7	Yellow Transparent	McIntosh	D'Anjou	Harrow Delight
8	Yellow Transparent	McIntosh	D'Anjou	20th Century
9	—	—	Kieffer	20th Century

Each pick is a good fit for the zone by the site's fit check, and every tree that needs a partner has one in the plan. A dash means no variety in the site's data suits that spot in that zone. The plan page gives the reason for each pick and two alternates.

† Tree 2 in zone 4: no late apple fits there, so the pick is the latest that does (role there: second apple, partner for tree 1).

Notes