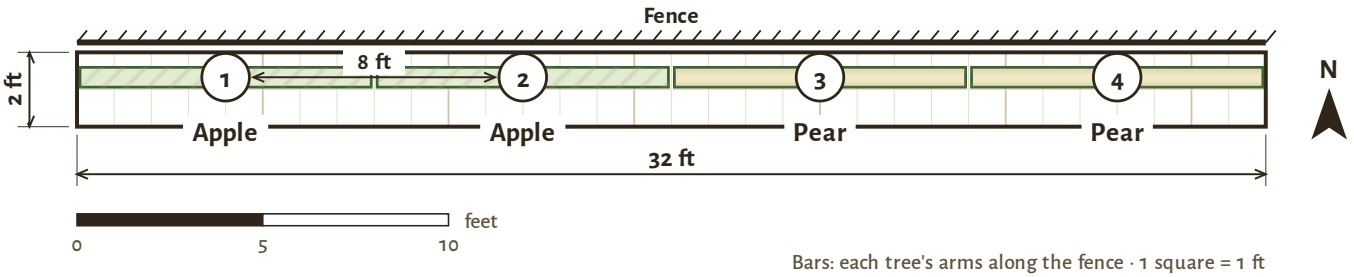
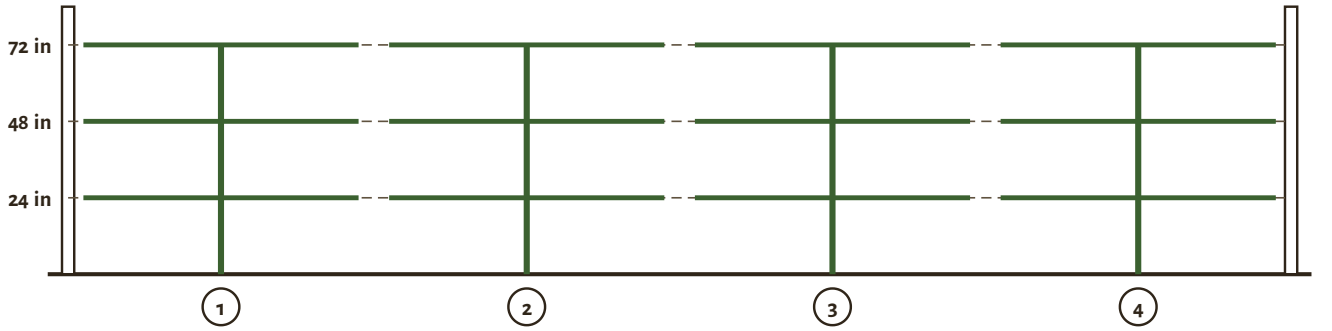
EVERYORCHARD · FREE PRINTABLE

Espalier Fence Orchard Plan

32 × 2 feet · 4 trees · drawn to scale from university extension spacing



Bars: each tree's arms along the fence · 1 square = 1 ft



#	Tree	Role in the plan	Room given	Trained size	Your variety
1	Dwarf apple	Early apple	8 ft of fence	Trained flat to the 6 ft top wire, 8 ft along the fence	
2	Dwarf apple	Late apple, partner for tree 1 †	8 ft of fence	Trained flat to the 6 ft top wire, 8 ft along the fence	
3	Dwarf pear	Pear	8 ft of fence	Trained flat to the 6 ft top wire, 8 ft along the fence	
4	Dwarf pear	Pear, partner for tree 3	8 ft of fence	Trained flat to the 6 ft top wire, 8 ft along the fence	

† 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. Washington State says a south- or southwest-facing fence or wall is ideal, so the fence is drawn on the north side. Against a building, Colorado State warns that apples close to its south or west side may bloom too early and be hurt by frost. Three wires at 2, 4 and 6 feet, with trees on dwarfing rootstock 8 feet apart: the close end of the 8 to 10 feet Washington State gives, chosen on purpose to keep the fence short. Plant about 8 inches out from the fence or wall: Wisconsin says at least 8 inches, Florida 6 to 8. 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 19 more (full list at the web address on the left)

Espalier Fence Orchard Plan

Spacing behind the drawing

Tree	Room given	Free-standing figure, not used here	Height	Spread	Spacing set by
Dwarf apple	8 ft of fence	12 ft	5–15 ft	5–10 ft	Washington State University
Dwarf pear	8 ft of fence	15 ft	12 ft	12 ft	Washington State University

This plan uses the espalier spacing for every tree. Free-standing trees would need the wider figure shown, from the class-wide spacing university extension sources recommend for home gardens; heights and spreads are for free-standing trees.

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

Sources: University of Minnesota; Virginia Cooperative Extension; Oregon State University Extension Service and 19 more (full list at the web address on the left)