



Nitrogen Recommendations for Unusual Fruits and Nuts in the Bearing Stage
(Use when no tissue test is available) 9/3/2020

Fruit and Nut Species	Comments and Nitrogen Recommendation
fig ¹	Regular fertilizing of figs is usually necessary only when they are grown on sands. Excess nitrogen encourages rank growth at the expense of fruit production, and the fruit that is produced often ripens improperly, if at all. As a general rule, fertilize fig trees if the branches grew less than a foot the previous year. Apply a total of 1/2 - 1 pound of actual nitrogen, divided into three or four applications beginning in late winter or early spring and ending in July.
persimmon ²	1 oz. of actual nitrogen per year of tree age
boysenberry	Boysenberries are a complicated cross of 4 different <i>Rubus</i> species. Use recommendations for blackberries in Table 7, NM-5, <i>Nutrient Management for Tree Fruits and Small Fruits</i>
elderberry ³	60-80 pounds of nitrogen per acre annually, applied as growth begins in late March to early April.
currants & gooseberries & jostaberries ⁴	1 oz. of actual nitrogen/mature bush; 25-50 pounds of actual nitrogen/acre
chestnuts ⁵	1.5 oz. of actual nitrogen per year of tree age up to a max of 15 pounds per tree
Jujube ⁶	20 pounds of nitrogen per acre in year 1, 45 pounds of nitrogen per acre in year 2, 65 pounds per acre of nitrogen in year 3, and 65-130 pounds of nitrogen per acre in years 4+. In years 1-3, apply total amount as seven splits throughout the growing season. In years 4+, apply total amount as five splits throughout the growing season, with the last split applied following harvest. Do not apply for eight weeks prior to harvest. Use the higher end of the nitrogen range for sandy soils and the lower end of the nitrogen range for heavier soils with higher clay content. Recommendations assume planting density of approximately 500 trees per acre. Adjust rate accordingly based on actual tree density.

References

1. <http://www.crfg.org/pubs/ff/fig.html>
2. <https://granville.ces.ncsu.edu/2012/12/persimmons/>
3. <http://www.centerforagroforestry.org/pubs/2014GrowingElderberryGuide.pdf>
4. <https://pubs.ext.vt.edu/438/438-107/438-107.html#L18>
5. <https://edis.ifas.ufl.edu/hs1155>
6. <https://www.agric.wa.gov.au/minor-fruits/ujube-fertiliser-recommendations>