

Orchard Fertility Program

<i>Time Period</i>	<i>Step</i>	<i>Fertility Practice</i>						
Pre-plant	1	Soil test (routine plus micro-nutrients) and adjust pH and all nutrient elements except nitrogen.						
	2	Plant trees - fall or spring.						
First year	The following rates per tree are suggested for a 10-10-10 fertilizer. If another grade of fertilizer is used, adjust amount used according to amount of nitrogen contained, i.e., approximately half the amount listed below would be needed if a 19-19-19 fertilizer were used.							
	3 ^a	<p>Wait until trees begin to grow before applying any fertilizer (April). Apply the fertilizer in 3 equal amounts about 2 weeks apart. If trees are not actively growing omit later fertilizer applications. Adequate water and weed control is more important than fertilization during the first year.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">APPLE</td> <td style="width: 33%;">PEACH</td> <td style="width: 33%;">PECAN</td> </tr> <tr> <td>1 lb.</td> <td>1 lb.</td> <td>none to 2 lbs.</td> </tr> </table> <p>3-6 foliar sprays of zinc^b, 10-20 days apart during first half of growing season may be required.</p>	APPLE	PEACH	PECAN	1 lb.	1 lb.	none to 2 lbs.
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1 lb.	1 lb.	none to 2 lbs.						
Second year	4 ^a	<p>Fertilizer should be divided into 3 equal parts and applied during March, 2 weeks after budbreak and 2 weeks later.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">APPLE</td> <td style="width: 33%;">PEACH</td> <td style="width: 33%;">PECAN</td> </tr> <tr> <td>2 lbs.</td> <td>2 lbs.</td> <td>1 to 3 lbs.</td> </tr> </table> <p>3-6 foliar sprays of zinc^b, 10 to 20 days apart during first half of growing season may be required.</p>	APPLE	PEACH	PECAN	2 lbs.	2 lbs.	1 to 3 lbs.
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2 lbs.	2 lbs.	1 to 3 lbs.						
Third year	5 ^a	<p>Fertilizer should be divided into 3 equal parts and applied during March, 2 weeks after budbreak and 2 weeks later.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">APPLE</td> <td style="width: 33%;">PEACH</td> <td style="width: 33%;">PECAN</td> </tr> <tr> <td>3 lbs.</td> <td>3 lbs.</td> <td>2 to 4 lbs.</td> </tr> </table> <p>3-6 foliar sprays of zinc^b, 10-20 days apart during first half of growing season may be required.</p>	APPLE	PEACH	PECAN	3 lbs.	3 lbs.	2 to 4 lbs.
	APPLE	PEACH	PECAN					
	3 lbs.	3 lbs.	2 to 4 lbs.					
6	Collect leaf samples during July.							
Subsequent years	7	During March, make fertility adjustments to pecan and fruit trees according to analyses of leaf samples collected (Step 6).						
	8	During July, collect leaf samples from pecan and fruit trees.						
	9	Soil test (routine) every 5 years or when requested by leaf analysis recommendations.						

^a Spread fertilizer in a band about 24 to 36 inches long, 18 to 24 inches from the trunk..

^b Zinc sulfate (2 lbs of 36% zinc sulfate per 100 gallons water) or commercially prepared zinc materials may be used according to the manufacturer's recommendations.