USDA

FORM B1 – ROW AND TREE SELECTION
HAZELNUT OBJECTIVE YIELD SURVEY
20xx

NATIONAL AGRICULTURAL STATISTICS SERVICE

Oregon Hazelnut Marketing Board

BLOCK AND TREE MAP	Sample No.	

1. Draw a sketch of the location of the orchard, including enough detail to locate the exact block. Indicate directions from the nearest town, roads to use, approximate mileage and any landmarks that might help if locating the block again.

N ↑

2. Compute the approximate number of trees in the block by counting the number of trees along the length and width, then multiplying:

Number of Trees: _____ **x** _____ **=** _____
(length)   (width)   (height)

a. If the approximate number of trees is greater than 1,000, draw a sketch of the entire block and divide it into approximately equal sub-blocks of 500 to 1,000 trees. Be sure each sub-block has an accessible corner.
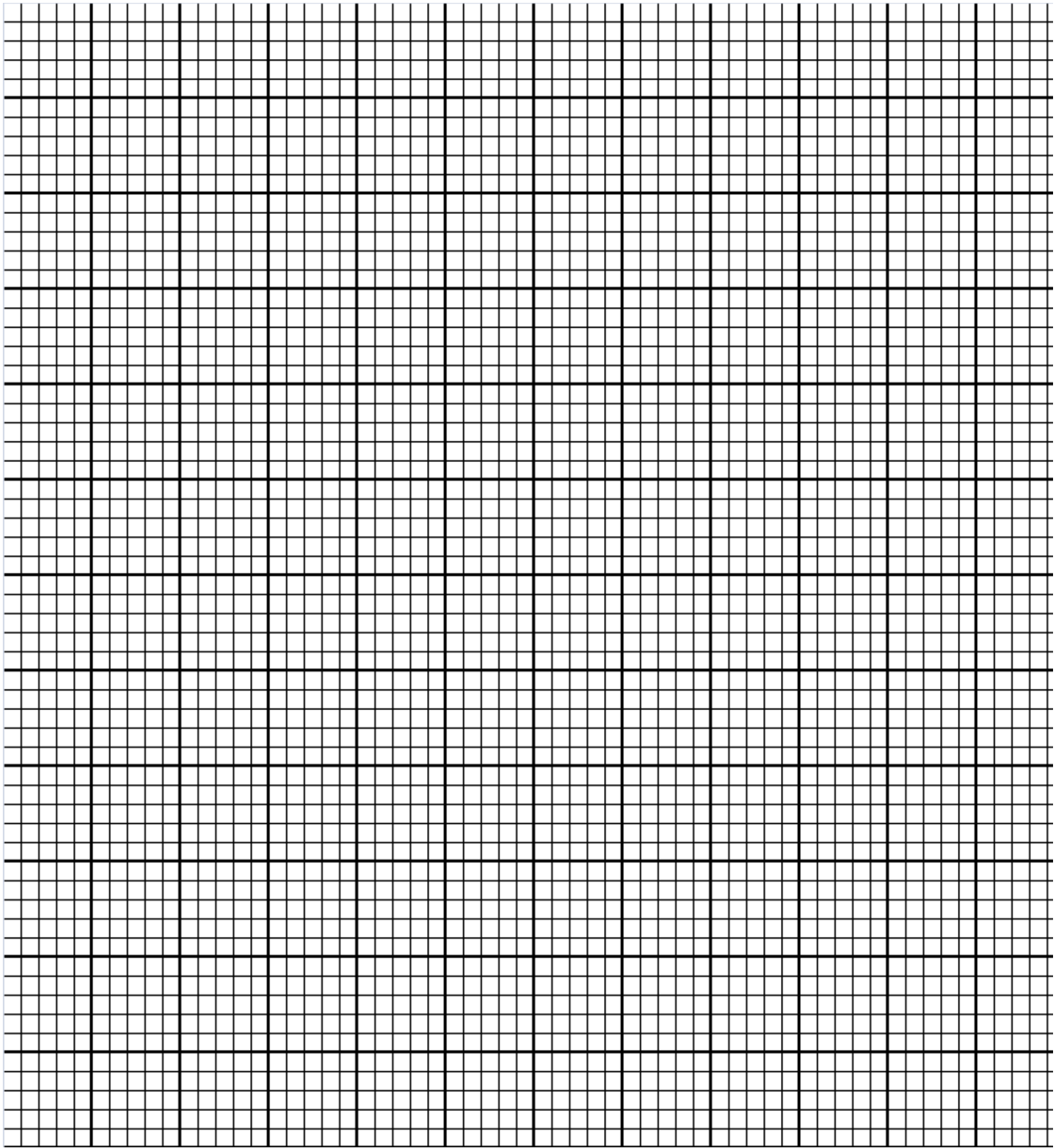
N ↑

b. If you are NOT sub-blocking this orchard, skip to #3 below.
Number each sub-block in a serpentine manner and select a random number between 0.1 and the total number of sub-blocks. **Circle the number of the selected block. Indicate the starting corner.**

N
↑

3. Sketch the selected block on the grid below, one square equaling one tree space. Enter "b" for blank spaces and "o" for trees other than hazelnuts. Be sure to indicate the starting corner.

N
↑

ROW SELECTION

a. Number of rows in block . . . .

b. Number of rows to be sampled **2**

c. Row interval (item 4a □ 2, to one decimal) . . . .

d. Random start (between 1 and the row interval [item 4c]) . . . .

e. Selected rows . . . .   Computed

TREE SELECTION

		Total
f. Number of trees in selected rows		
g. Tree interval (item 5a Total □ 2, to one decimal)		
h. Random start (between 1 and the tree interval [item 5b])		
i. Selected trees . . . . Computed		

TREE LOCATION

	Tree 1	Tree 2	Tree 2 from Grid
j. Row number {transfer from 4e rounded up}			
k. Tree number {transfer from 5d rounded up}			

Mark each tree as instructed at training

Enumerator Name _____   Date _____