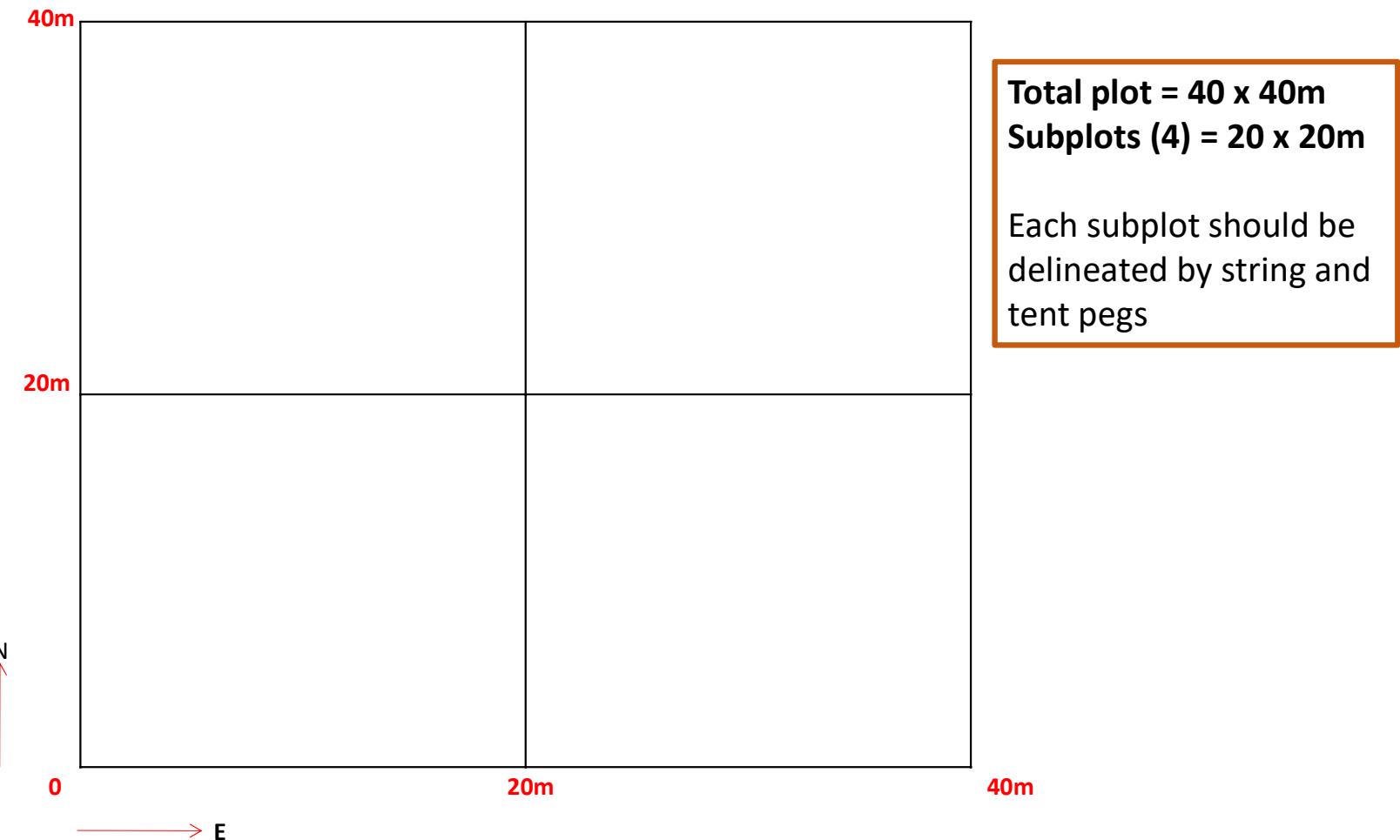
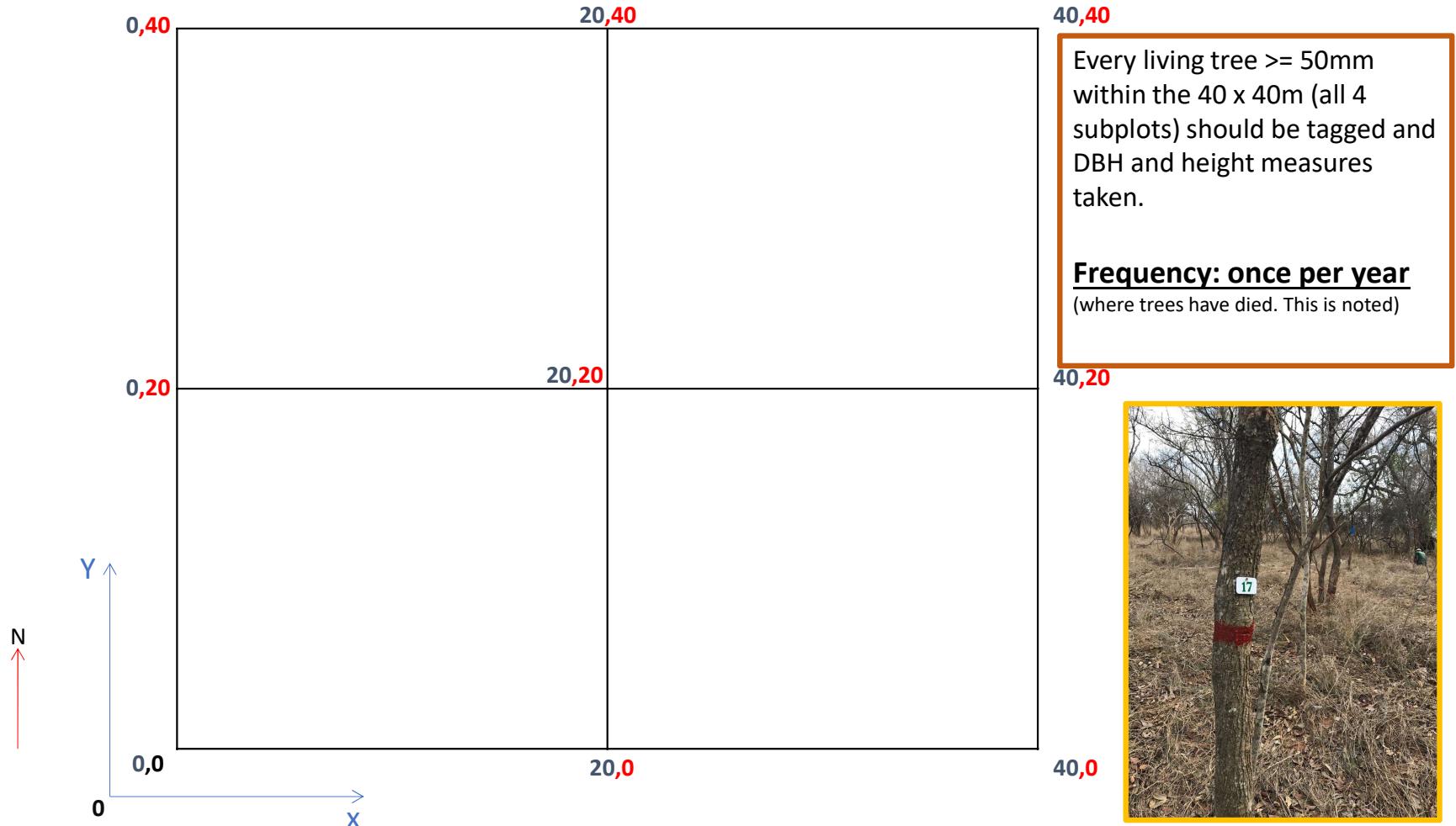


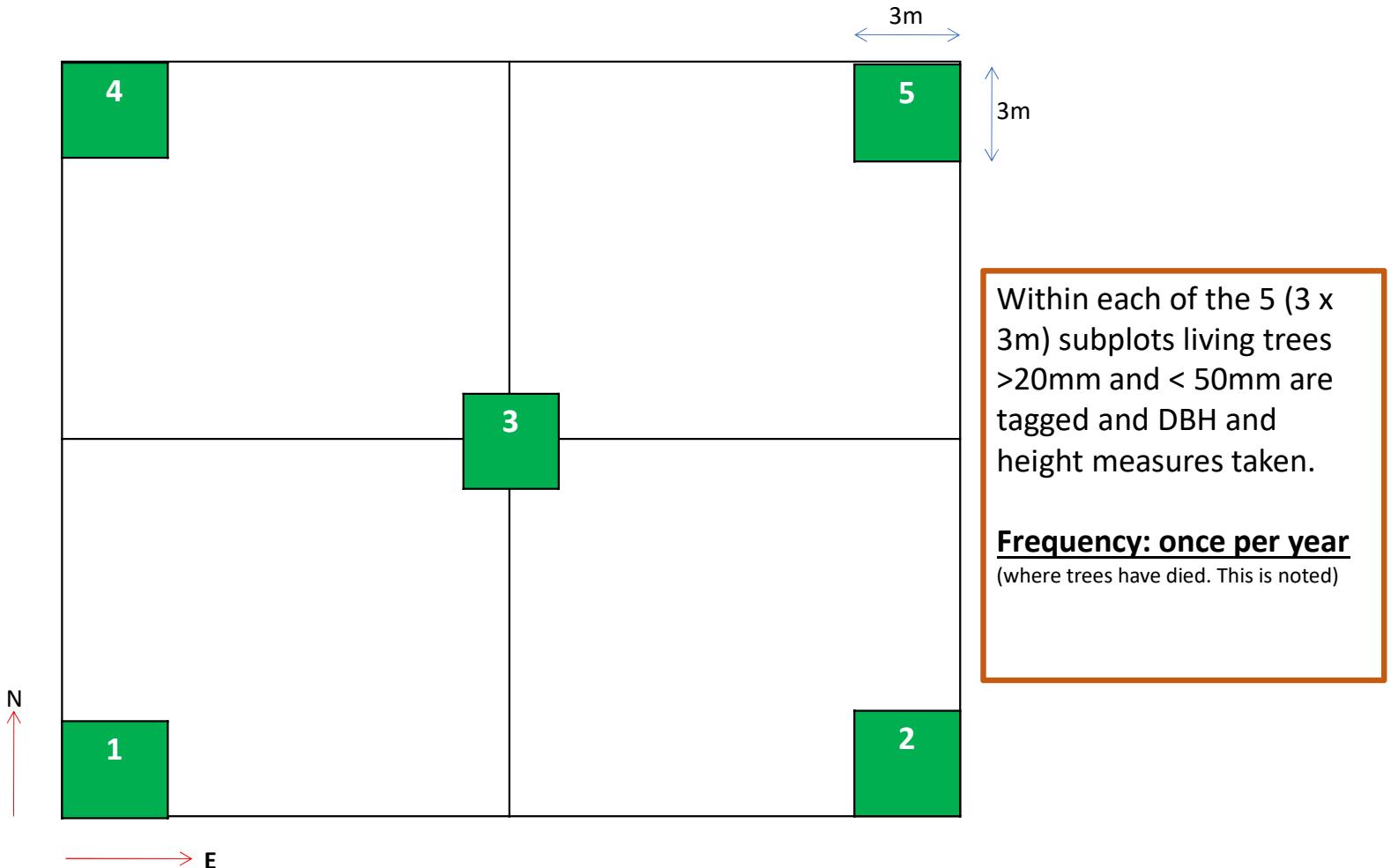
DIMENSIONS OF THE SAVANNA MINI-GEM



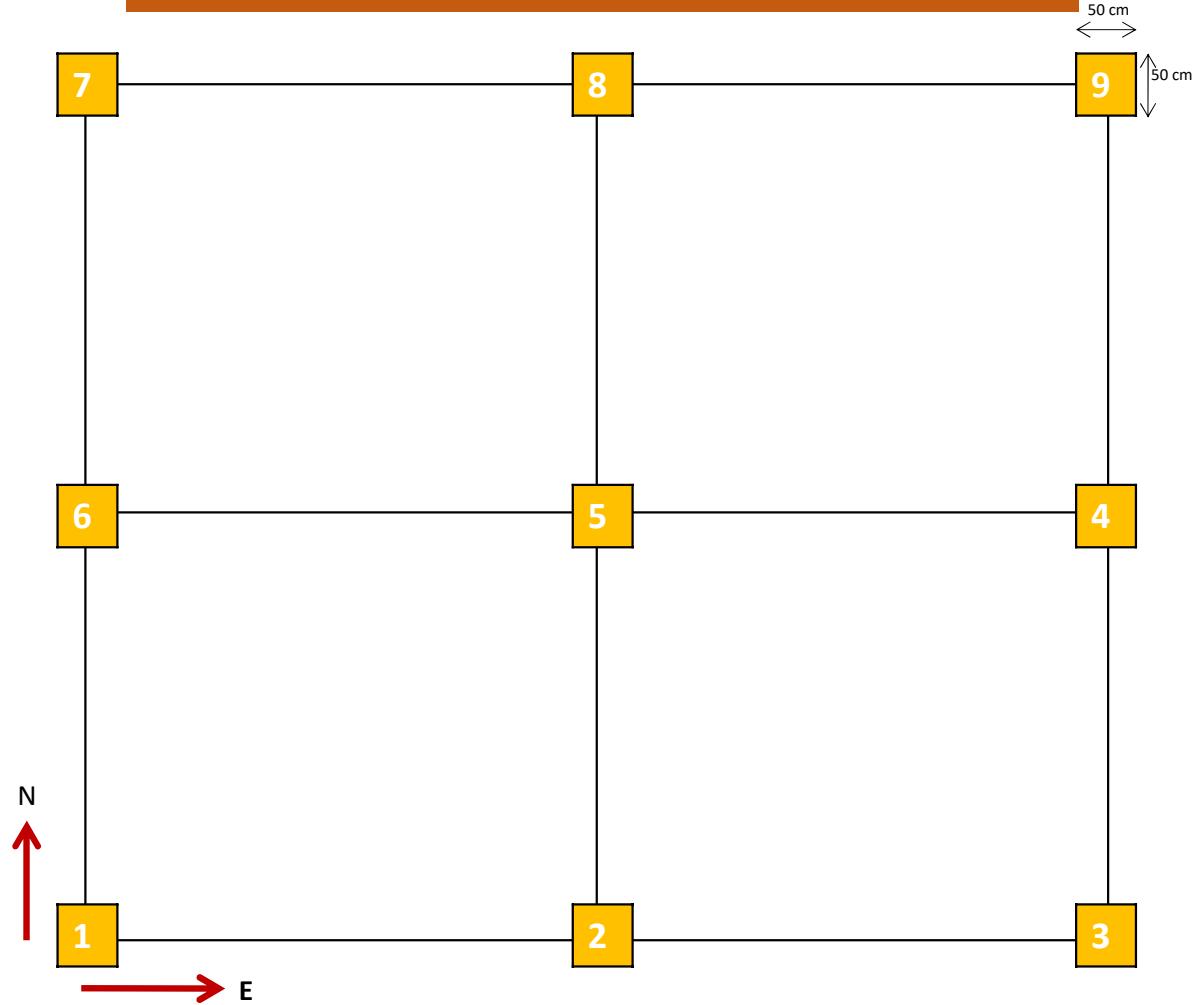
DBH & HEIGHT MEASURES



PLACEMENT OF MINI DBH & HEIGHT MEASURES



PLACEMENT OF LEAF LITTER TRAPS



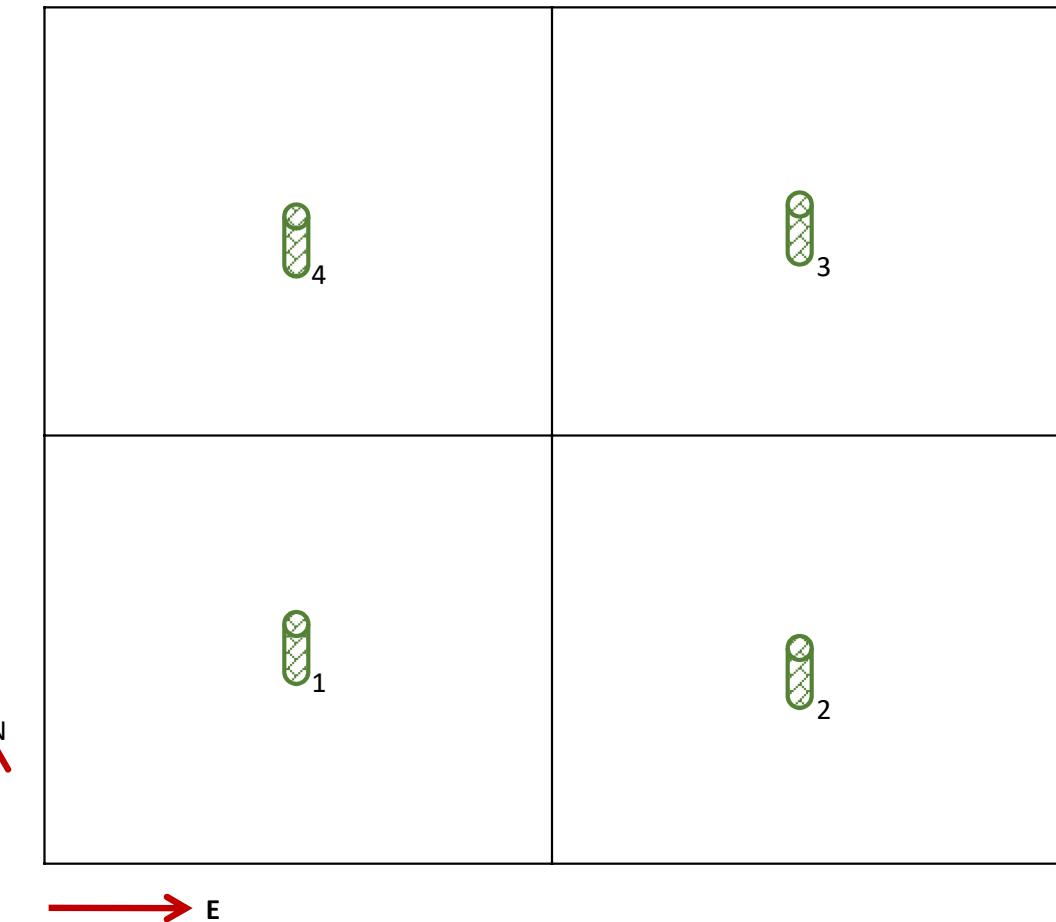
Nine leaf litter traps (identical to the forest leaf litter traps) should be established at each position in the diagram.

Frequency: contents collected every two weeks

(additional categories for thorns and grass are necessary for savannas)



PLACEMENT OF ROOT INGROWTH CORES

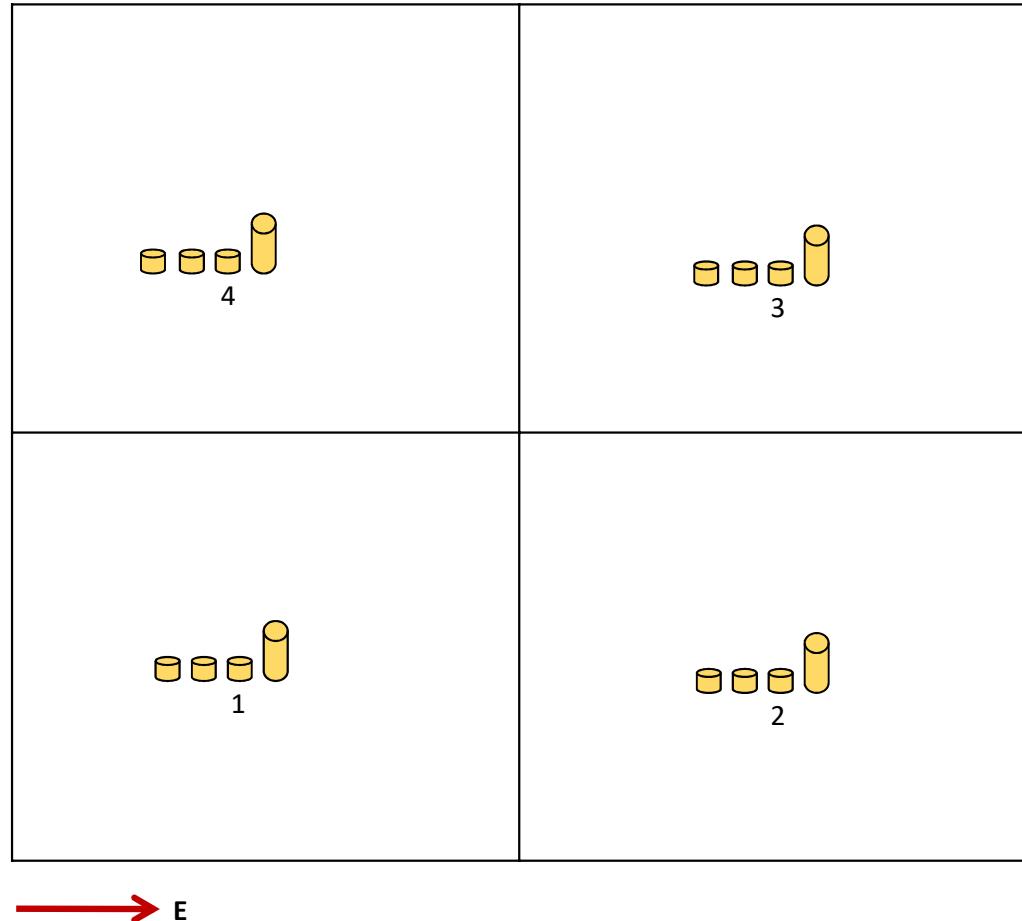


A root ingrowth cores should be established at each of the 4 positions in the diagram.

Frequency: root collection every 3 months



SOIL RESPIRATION COLLAR PLACEMENT

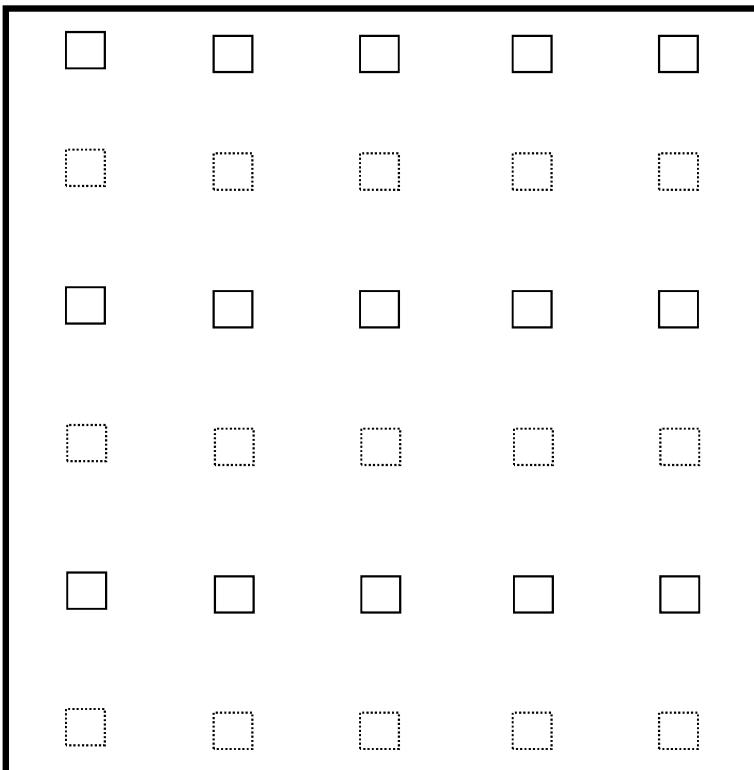


Soil respiration collars should be established at 4 positions as per diagram.

Frequency: soil respiration measurements taken every 1 month



GRASS NPP QUADRAT PLACEMENT



closed quadrats

open quadrats

- Within each plot (40 x 40m) establish a grid of 5 x 6 (30 positions).
- At each of the 30 positions a 0.25m² quadrat (0.5m x 0.5m) should be delineated with the use of metal droppers of approximately 1m in height.
- At 15 of the 30 positions wire mesh should be wrapped around the metal droppers to produce cages (closed) to exclude grazers.
- At the start, the vegetation in all 30 quadrats is clipped (to ground level).
- Clipped vegetation should be separated into woody plants, forbs and grasses before drying and weighing.
- Oven-dry at 80 degrees for 48 hours.
- Weigh woody plants, grasses and forbs.
- At 4, 8 and 12 months (3 intervals) return to clip the grass in 5 closed and 5 open quadrats.

GRASS NPP

