



Shea butter fruits

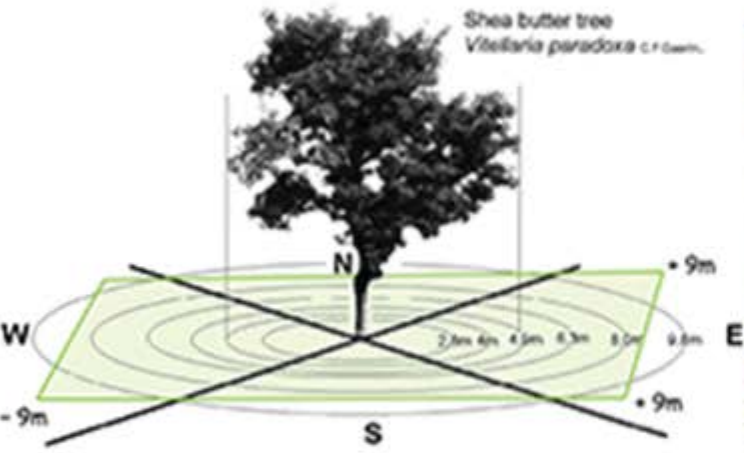
Shea butter trees impact crop yields

(North of Côte d'Ivoire)

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A unique protocol

Harvesting and yield measurement:
the example of groundnuts



1. Groundnut crop



2. Delimitation of concentric rings



3. Labelling and weighing of harvests



4. Storing harvests under a shelter



5. Separating pods and leaves



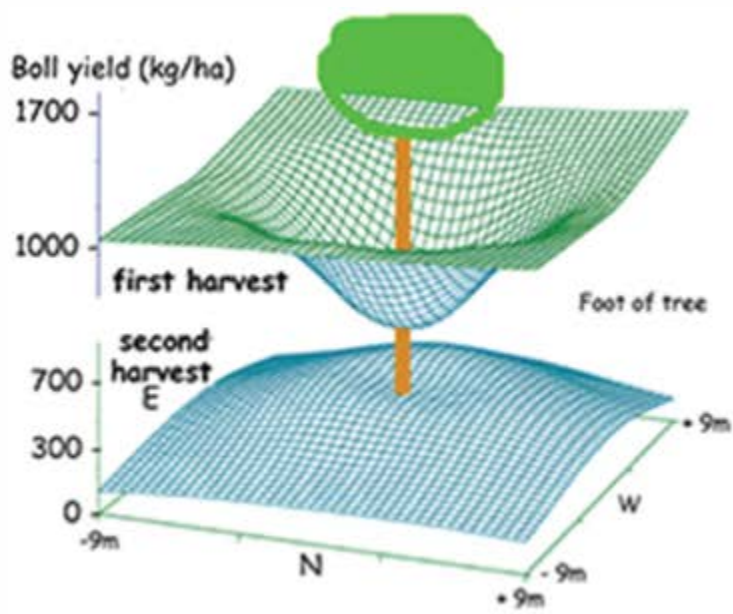
6. Air drying of pods and leaves



7. Weighing of dry pods and leaves

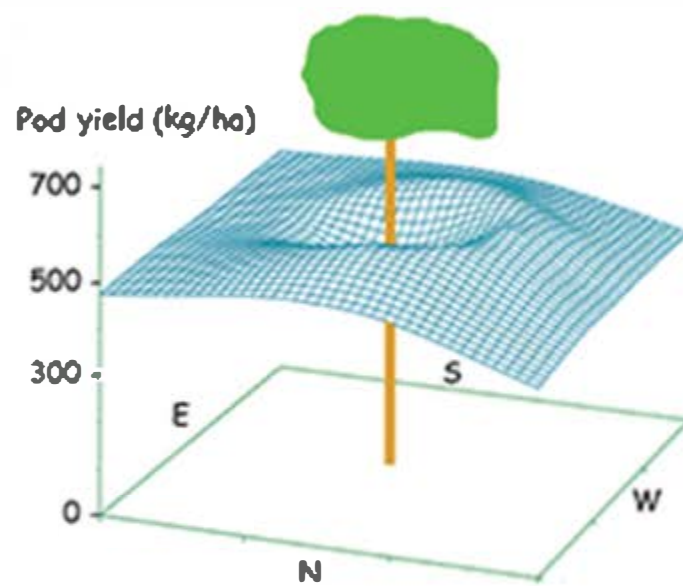
Results: variation in yield under and close to the tree

Cotton



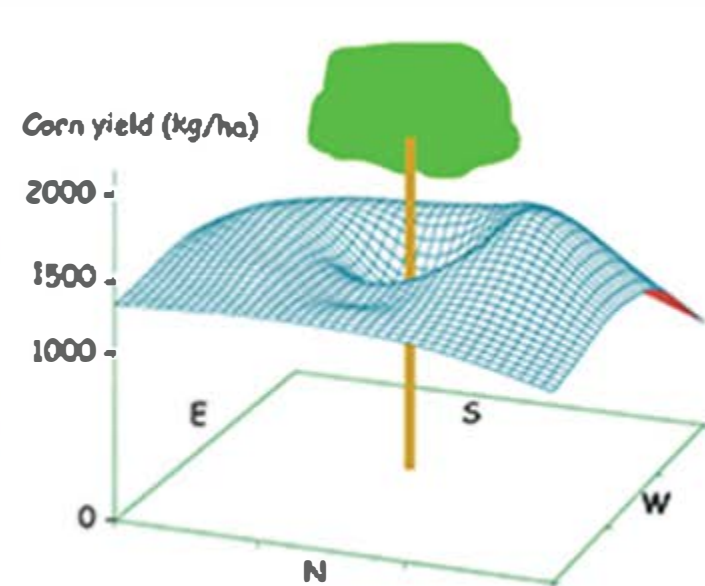
-0.4 to -2.3%

Groundnut



+3.2%

Maïze



+7.5%

Change in yield per hectare with 20 trees per hectare compared to a treeless crop

