FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative
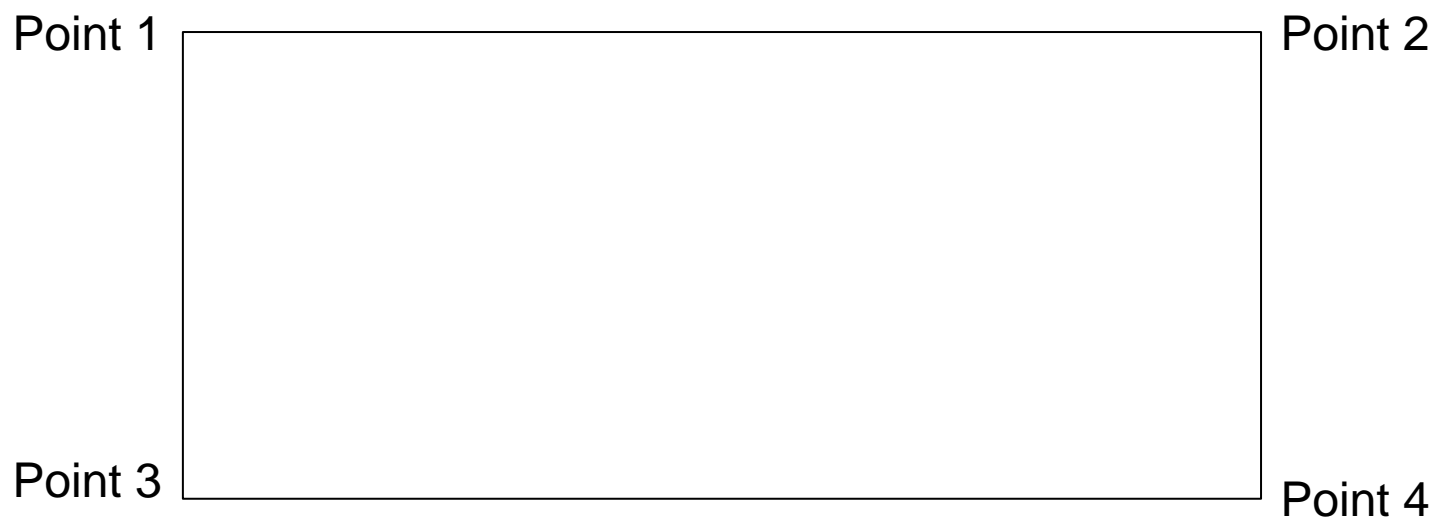
Data Collection

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Data Collection (can crop differentiation occur?)

150 fields each of maize, groundnuts, soybean (450 total fields) ~ 5 fields per agronomist

GPS of perimeter (3 sides, 3 corners; **4 sides, 4 corners**; 5 sides, 5 corners)

0.2 hectare minimum

Point 1   Point 2

Point 3   Point 4

Yield Data Most Critical

Variety and planting/lift date

Yield estimate for each groundnut field

Is total yield available?

Sub-samples – 4 representative sections from each field of 4 rows by 10 m

Weight after field drying

Desired In-season Data

Drought stress

Percent of leaves in the canopy with lesions from leaf spot

Defoliation caused by leaf spot

Rosette percent

Weeds present and percent land coverage

Any noticeable pod damage from insects or rodents

Total input package and cost

Thanks for the invitation!