Creating Drought: The Optimal Rainout Shelter

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- Create a removable shelter sufficient to exclude rain for six weeks and contain 4 subplots with suction lysimeters at depth.
- Test precipitation intrusion under different size configurations with soil water sensors
- Determine shape of subsurface water movement with bromide tracer study.
- Results reveal buffer area needed and 0.8m^2 drainage footprint to 1 m depth