

HORTICULTURE CLIMATE NEWS

TOP 4 ADAPTATION STRATEGIES FOR 2024

Adaptation = Taking action to reduce the risks

4 WAYS TO TAKE ACTION

Prioritize Soil Health

- minimize soil disturbance (zero/low till)
- regular soil health sampling (every 3-5 years)
- increasing organic matter (compost, manure, decomposition of plants)

Water Conservation/Management

- contour farming or terrace farming
- water storage / reservoir
- spot irrigation systems
- mulching (reduces loss of evaporation)
- shelterbelts/windrows
- ditching drainage
- controlled drainage
- grass strips (reduces surface runoff soil erosion)

Crop Diversification

- growing more than one crop in an area (different variety or new crop species)
- introduction of legumes (fixes nitrogen, stores carbon)
- rotate annuals and perennials

Flexible Cropping Systems

- raised bed systems (reduces compaction)
- direct seeding into crop residues
- crop rotation (creates stability and productivity)