The Multiple Benefits of Water Efficiency

**LESS EFFICIENT WATER USE**

- **100 units**
  - Water Withdrawals: 80 UNITS
  - Non-beneficial Losses: 4 UNITS
  - 70% on-farm efficiency: Consumes 56 units
  - Return Flows: 20 UNITS

- **40 units**

**MORE EFFICIENT WATER USE**

- **100 units**
  - Water Withdrawals: 62 UNITS
  - Non-beneficial Losses: 1 UNIT
  - 90% on-farm efficiency: Consumes 56 units
  - Return Flows: 5 UNITS

- **43 units**

**BENEFITS OF EFFICIENCY INCLUDE:**

- Maintain agricultural production
- Reduced non-beneficial consumptive losses, creating new supply
- Less polluted runoff into rivers, streams, and groundwater aquifers
- More water to support in-stream flows
- Less energy for pumping
- Reduce or eliminate need for expensive infrastructure
- Less vulnerability to drought

*Numbers in this figure are for illustrative purposes. Actual quantities would depend on site-specific conditions.*

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