



Demands using many tools to achieve flow and habitat improvements.



# Managing for REALITY-THE No Chico Brush Project



- ✦ Examination of beneficial use and the **actual** demands
- ✦ Application of improved management and irrigation delivery and use improvements on a landscape scale or- Grand Vision
- ✦ Transferring the savings from the farm improvement to the source, capturing the external benefits from removing system losses.
- ✦ What are the benefits if applied on a Basin scale?

## A ditch company example



Historic/Actual practice - 66% alfalfa, 16% small grains and corn each 30% application efficiency and 25% ditch loss= max demand of **60 cfs** average total diversion **12573 af** or **11.56 af** per acre

(Actual operation 60 cfs diversion for 8 months – 28320af)

Optimal practice - 66% alfalfa, 16% small grains and corn each, 60% efficiency 12% ditch loss= max demand **23 cfs** average total diversion **5385 af** or **4.48af** per acre. A difference of 8487 acre feet