

# CONSUMPTIVE IRRIGATION REQUIREMENT, FIELD HEADGATE REQUIREMENT AND SEASON OF USE

**CONSUMPTIVE IRRIGATION REQUIREMENT**  
based on the most water-consumptive crop in the area (Allen and Brockway, 1983), generally rounded to the next highest 0.5 aly/acre

**IRRIGATION SEASON OF USE**  
based on a 75 % chance of 24 degrees F. or lower occurring on or after the beginning date in the spring and on or before the ending date in the fall (Everson, Paulson, and Amos, 1978)

|   |   |          |               |
|---|---|----------|---------------|
| A | = | May 1    | -September 30 |
| B | = | April 15 | -October 15   |
| C | = | April 1  | -October 31   |
| D | = | March 15 | -November 15  |
| E | = | March 1  | -November 30  |

**FIELD HEADGATE REQUIREMENT**  
consumptive irrigation requirement divided by irrigation application efficiency (70 - 75%) rounded to the nearest 0.5 aly/acre

IDWR 12/11

