30-year average seasonal and daily estimated peak water use (ET) based on Kimberly USDA-ARS weather station data. Prepared by:

Dr. Howard Neibling, P.E. 4/2/12

| Crop | seasonal ET, inches | seasonal ET gallons per acre | mid-season peak ET inches/day | mid-season peak ET gallons/acre per day |
|--------------|------------------------|---------------------------------------|-------------------------------------|--|
| Alfalfa | 41 | 1,113,248 | 0.34 | 9,232 |
| Lawn | 39 | 1,058,944 | 0.26 | 7,060 |
| Sugar Beets | 35 | 950,334 | 0.33 | 8,960 |
| Pasture | 32 | 868,877 | 0.22 | 5,974 |
| Corn | 27 | 733,115 | 0.32 | 8,689 |
| Potatoes | 24 | 651,658 | 0.3 | 8,146 |
| Winter grain | 23 | 624,505 | 0.32 | 8,689 |

