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|-------------|----------------------|------------|----------------------|
| Name | <input type="text"/> | Ident. No. | <input type="text"/> |
| Legal Desc. | <input type="text"/> | County | <input type="text"/> |
| Designed by | <input type="text"/> | Date | <input type="text"/> |
| Checked by | <input type="text"/> | Date | <input type="text"/> |
| Approved by | <input type="text"/> | Date | <input type="text"/> |

For reporting irrigation water management (IWM) for cost-share programs, the following documentation is required.

Attached Items (Checkmark all that are attached)

Form KS-ENG-394 - This form is required to document that the irrigator is capable of meeting the water requirements for the crops to be grown based on one of the following:

80 Percent Chance Rainfall

50 Percent Chance Rainfall

Conservation Plan Map

Approved Evapotranspiration (ET)-Based Water Scheduling Program Used:

KanSched

Cropflex

SPAW

Pivot Alert

Other approved (name)

Irrigation Data

Note: A separate record is required for each crop raised during the calendar year.

Acres Irrigated = acres

System Efficiency Alternative

System Efficiency =

Crop ET = inches

Effective Rain = inches

| | Gross (inches/acre) | Net (inches/acre) | |
|------------------------|------------------------|----------------------|---|
| Pre-Season Irrigation | <input type="text"/> | <input type="text"/> | |
| Irrigation | <input type="text"/> | <input type="text"/> | |
| Post-Season Irrigation | <input type="text"/> | <input type="text"/> | |
| Total Irrigation | <input type="text"/> | <input type="text"/> | Total Irrigation (Gross) <input type="text"/> acre-feet |

Net = Gross x System Efficiency

Note: Pre-irrigation and post-irrigation amounts are not shown on KanSched program.

Verification That Water Meter and ET-Based Water Scheduling Program Are Within Tolerance

Water Meter Calculations:

Ending Water Meter Reading for Year = _____ **SELECT UNITS**
 Beginning Water Meter Reading for Year = _____
 Total Water Used (Meter Total) = _____
 Meter Total = _____ acre-feet

Percent Difference Between Water Meter and ET-Based Water Scheduling Program:

$$[(\text{Meter Total} - \text{Total Gross Irrigation}) / \text{Meter Total}] \times 100 = \%$$

$$[(\text{_____} - \text{_____}) / \text{_____}] \times 100 = \text{_____} \%$$

Is the difference between the water meter and ET-Based Water Scheduling Program within 10% for the first year and 5% for subsequent years (Environmental Quality Incentives Program [EQIP] Ground and Surface Water Conservation [GSWC] requirement)?

Yes No

If No, explain why and how to rectify:

Verification That Total Irrigation and Effective Rain Did Not Exceed Adjusted Crop ET

Crop ET = _____ inches

First Year of Contract: Crop ET + 10% = _____ inches
 Other Year of Contract: Crop ET + 5% = _____ inches

Total Irrigation (Net) + Effective Rain = _____ inches + _____ inches = _____ inches

Is the Total Irrigation (Net) + Effective Rain <= Crop ET + 10% or 5% ? Yes No

If No, explain why:

Checkout: IWM _____ acres Irrigation System **SELECT IRRIGATION SYSTEM**

Checkout by _____ Date _____

Audited by _____ Date _____