

Agricultural Management Assistance (AMA) Application Ranking Worksheet

Owner / Operator: _____ 0 _____

1. Available Water Capacity (Soil and Crop Factor)

Note: This table is automatically filled in & the AWC score computed once the Crops worksheet is completed.

| Crop | Acres | AWC by Crop |
|------|-------|-------------|
| | | |
| | | |
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| | | |
| | | |
| | | |

Total Acres: _____ ac.

Weighted Average AWC: _____ in.

AWC SCORE: _____

Note: AWC Score is equal to 30 / Weighted AWC

2. Crop Factor

Note: The crops and acres are filled in from the Crops worksheet. Choose the appropriate Crop Type for each crop. Points are as follows: 10 points for Food or fiber for human consumption; 5 points for Forage or feed for livestock consumption; 1 point for all others (eg, tobacco, ornamentals, herbs for medicinal purposes, etc)

| Crop | Acres | Crop Type | Points |
|------|-------|-----------|--------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Weighted Average Crop Points (Crop Score): _____

Owner / Operator: _____ 0 _____

3. Irrigation System Factor

Note: Points are computed as follows: 10 points for new system (no acres currently irrigated); 7 points for an expanded system (proposed acres greater than current acres); 4 points for improved system (proposed acres same or less than current acres)

How many acres are **currently** irrigated on the acres covered under this application?

ac.

How many **total** acres are **proposed** to be irrigated on the acres covered under this application? *(Note: this is filled in from the total acres in section 1 above)*

ac.

Irrigation System Factor Score: _____

4. Water Source Evaluation Factor

Note: To evaluate the water source, first complete the Crop worksheet and the irrigation Water Needs worksheet to determine the required volume, recharge, and capacity, as applicable. Then evaluate the adequacy of an existing water source or availability of a new source by geologic investigation.

Water Source Description:

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Note: Points as follows: 10 points for completely available source; 7 points for source that needs improvement or enlargement, 4 points for source that needs development (new source), and if adequate water source is not available, project is not feasible and grower is not eligible.

Summary of Score

AWC Score: _____
Crop Score: _____
Irrigation System Score: _____
Water Source Score: _____

**Preliminary
TOTAL SCORE:**

Summary of Water Needs for Irrigation (Single System)

USDA - NRCS
Version 1.4 (5/13/04)

Owner / Operator: _____

Volume of Water needed for each Irrigation

| Crop | Acres | Water Needs per Irrigation | | Daily Water Needs, Cu (in/day) | Irrigation Efficiency | Water Needed to Replace Daily Crop Use (gal) |
|-------------------------------|-------|----------------------------|------------|--------------------------------|-----------------------|--|
| | | Acre-inches | Gallons | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Totals per Irrigation: | | 0 | 0.0 | 0 | | 0 |

(* rounded)

System Capacity Requirements

| To compute System Capacity | To compute Operating Hours per Day |
|---|--|
| Available Operating Hours per Day: | Required Operating Hours per Day: _____ |
| Overall Required System Capacity: _____ gpm _____ cfs | Available System Capacity: gpm _____ cfs |

| Crop | Acres | Acre-inches | Days Between Irrigations |
|-------------------------------|-------|-------------|--------------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Totals per Irrigation: | | 0 | 0.0 |

