

INPUT DATA	YOUR ANSWER	REQUESTED UNITS
Basic operational data including irrigation		
What is the zip code where your operation is located?		Five digit zip code
How many acres do you have in production?		acres
Do you irrigate your stock using water from any source?		YES or NO
What percentage of your production acres are irrigated?		whole number (0 - 100)
How many gallons of irrigation water do you use annually? (If you know the answer in acre-feet, multiply by 326,000)		whole number, gallons
Approximately how many days per year is your irrigation system running?		whole number
On the days that you irrigate, approximately how many hours per day is your irrigation system running?		whole number
Answers to the following four questions should add up to 100%		
What percentage of your irrigation water comes from a public water source for which you pay a fee?		whole number (0 - 100)
What percentage of your irrigation water comes from wells on your property?		whole number (0 - 100)
What percentage of your irrigation water comes from rainwater that you capture in tanks or ponds?		whole number (0 - 100)
What percentage of your irrigation water comes from tailwater that you capture by any means?		whole number (0 - 100)
Do you capture tailwater in any ponds?		YES or NO
How many ponds are you currently using to capture your tailwater?		whole number
Answer the following three questions for each tailwater pond you <i>already have</i> that could potentially be used for recycling		
Capacity of current pond in gallons (if you know only pond surface acres, multiply by 2,606,630)		whole number, gallons
Distance, in yards, between this pond and the point--usually uphill--from which irrigation water is distributed to your operation, in yards		whole number, yards
If the source of irrigation water is uphill from this pond, estimate the grade of the hill between the pond and the irrigation source location in number of degrees from the horizontal. If the land is flat, enter zero.		whole number (degrees, < 90)

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If the program determines that your current pond capacity is insufficient for recycling, you will be asked the following questions		
Do you have vacant acres downhill to dig a new capture pond?		YES or NO
How many of these acres would you be willing to devote to pond construction?		whole number, acres
If needed, would you also be willing to take acres out of production to construct new pond capacity?		YES or NO
How many acres would you be willing to take out of production for this purpose?		whole number, acres
Answer only if you are willing to devote some production acres to pond construction		
Today's estimated annual profit on land that would be taken out of production (<i>pick whichever unit of land area you prefer</i>)		
1. PER ACRE		\$ profit per acre
2. PER SQUARE FOOT		\$ profit per square foot
Questions that help determine the cost of pond construction		
Type of pond construction suited to your topography. Choose either:		POOL or DAM
1. POOL. There is no natural basin, so you must dig out the entire perimeter, as if you were constructing a swimming pool.		
2. DAM. There exist one or more embankments that would allow less earth moving, as if you were constructing a dam.		
Distance, in yards, between proposed pond construction site and the irrigation source point to which water would be pumped		whole number, yards
If the source of irrigation water is uphill from this pond, estimate the grade of the hill between the pond and the irrigation source location in number of degrees from the horizontal. If the land is flat, enter zero.		whole number (degrees, < 90)
Data that helps to estimate other dollar costs or benefits of recycling		
If you currently use irrigation water from a public source, what is your water rate per 1000 gallons?		\$ per 1000 gallons
How much money do you spend annually on fertilizer?		\$ dollars
Select either CHLORINE or UV as your disinfection technology		CHLORINE or UV
Do you think there is a need to drill new well in the future?		YES or NO

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If you expect to drill at least one new well in the future, <i>select only one answer</i> :		
1. Future well drilling will be necessary to accommodate growth		YES or NO
2. Future well drilling will be necessary to replace wells no longer performing		YES or NO
How many wells do you expect to drill in the future?		whole number
About how many years from today's date will you drill the well (or wells)?		whole number
Estimate the average capacity of one typical future well in gallons per minute		whole number, gallons per minute
What annual interest rate are you able to earn on a safe investment, such as a bank account or bond fund? (Your personal "discount rate" is used to evaluate the recycling investment in terms of an alternative use of funds. If you prefer not to answer this question, we will use a rate of 3.0%)		real number between 0 and 20