

Controls 

Do you presently have a computer control system? Yes No

What brand and model? _____

What items would you like controlled by a new computer system? Please list all items you want controlled, for example: boilers, unit heaters, fans, rolling doors, roof vents, irrigation, etc. with quantities. Use an extra sheet if needed.

Water Management 

Nursery/Grower Type: Greenhouse Field Agriculture (Food Crop) Specific Crop

Please give us an indication of your total acres/square feet in production. _____

Can you supply us with a site map? Yes No

- A. What percentage of your total irrigation water are you able to capture? _____
- B. Capture capacity (size of holding area for runoff water in gallons) Pond _____ Tank _____
- C. Could you supply us with your most recent analysis of the captured water? Yes No
- D. Holding capacity (size of holding area for treated water in gallons) _____

Our recycle systems save money for all our customers by reducing the need for water fertilizers and pesticides. In order to to give you an accurate analysis we request you supply us with your annual costs on these three items. We understand the delicate nature of what we ask and assure you that all information supplied in all areas of this questionnaire is held in the strictest of confidence.

Annual Cost for: Water _____ Fertilizers _____ Pesticides _____



Proposal—Questionnaire

Please fill out only the sections that apply to your needs.

Heating 	Controls 
Flood Floors and Benches 	Water Management 

Name of this project or area.

Date submitted: _____
Customer information:

Company Existing Customer

Name _____ Title _____

Address _____

City, State, Zip _____

Phone _____ Cell Phone _____

Fax _____

E-Mail Address _____



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Grower Profile

What type of system are you looking for? _____

Is this a retrofit to an existing structure? _____

New construction at a new facility? _____

Expansion to an existing facility? _____

Do you plan to expand in the next five years? _____

When must this system be operational? _____

When is installation to be begin? _____

When will you make your purchasing decision? _____

Would you like a labor quote? Yes No

Approximately how many square feet do you have in production both inside and out? _____

Approximately how much did you spend on fuel to heat your greenhouse last year? _____

Either dollar amount _____ or % of gross revenue _____

Approximately how much did you spend on electricity to heat your greenhouse last year? _____

Either dollar amount _____ or % of gross revenue _____

Please tell:
 Unit heaters— _____ % you own _____ % you use _____ % heat you GH with
 Boilers— _____ % you own _____ % you use _____ % heat you GH with
 Infra-red— _____ % you own _____ % you use _____ % heat you GH with

Please indicate: Flood Floor Flood Bench Booms Drip Hand

 % of the above you use in the greenhouse _____

Are you concerned about water runoff? Yes No

Please describe, are you happy with your water quality? _____

Approximately \$ or % of gross revenue you spend on labor, on watering your greenhouse _____

Approximately \$ or % of g type of fertilizer _____

What do you grow? _____

What is your container size? _____

Do your grow on floor and benches? Yes No



Greenhouse Information

Greenhouse structure:

Length _____ Peak height _____

Width _____ Rafter height _____

Wall height _____

Gutter connected Free standing

Number of gutters connected _____ Number of peaks per bay _____

Retractable roof Knee, Wall, Height

Circle the shape of your greenhouse:



Greenhouse covering materials:

Roof	Poly/Film	<input type="checkbox"/> Double	<input type="checkbox"/> Single
	Polycarbonate	<input type="checkbox"/> Corrugated	<input type="checkbox"/> Double <input type="checkbox"/> Triple Wall
	Acrylic	<input type="checkbox"/> Double Wall	
	Glass	<input type="checkbox"/> Lap	<input type="checkbox"/> Sealed <input type="checkbox"/> Insulated
	Fiberglass	<input type="checkbox"/> Corrugated	
	Metal	<input type="checkbox"/> Insulated	<input type="checkbox"/> R-value
<input type="checkbox"/> Other	Specify: _____		

Notes for structure or growing area: _____



Greenhouse Information

Greenhouse covering materials:

Side Wall

Poly/Film Double Single

Polycarbonate Corrugated Double Triple Wall

Acrylic Double Wall

Glass Lap Sealed Insulated

Fiberglass Corrugated

Metal Insulated R-value

Other
Specify: _____

End Wall

Poly/Film Double Single

Polycarbonate Corrugated Double Triple Wall

Acrylic Double Wall

Glass Lap Sealed Insulated

Fiberglass Corrugated

Metal Insulated R-value

Other
Specify: _____

Notes: _____

Greenhouse Insulation Materials:

Perimeter Wall:

Above Ground Insulated Non-Insulated

Below Ground Insulated Non-Insulated

Note: If the insulation extends to below the frost line, the perimeter (for floor heating applications) is insulated.

Curtains:

Heat Retention % _____ Gutter to Gutter _____ Truss to Truss _____

Shade % _____ Gutter to Gutter _____ Truss to Truss _____

Black out % _____ Gutter to Gutter _____ Truss to Truss _____

Greenhouse Utilities:

Power _____ Voltage _____ Phase _____

Heating Fuel NG LP Oil Other

Greenhouse Benches and Type:

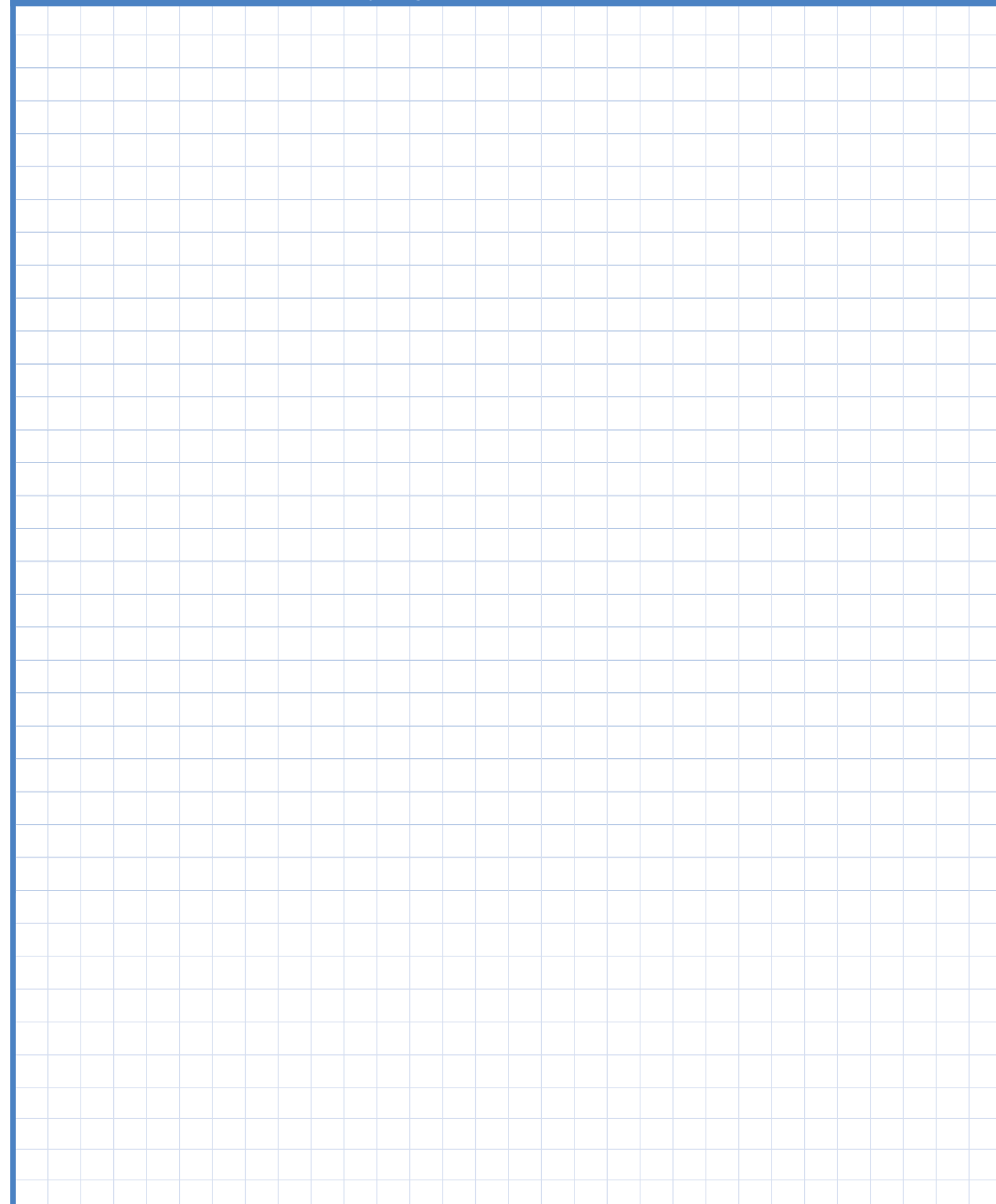
Stationary Ground Rolling Ebb/Flow

Trays/Pallets Slab

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Sketch your greenhouse, please indicate north.



Heating



Name of Project: _____
(Example: House #3 or Range E)

System Desired _____
(Please check one or more of the systems below you desire)

MicroClimate Tubing (Please check one selection) For Bench For Floor

Roll 'N Grow Mat (Please check one selection) For Bench For Floor

MegaTube (Please check one selection) For Bench For Floor

StarFin

DuoFin

I Fin

Copper/Aluminum Fin Tube

51mm Pipe

Warm Floor (Please check one selection) In Slab On ground

Unit Heater (Please check one selection) Lennox Sial Hydronic Heaters

Or let TrueLeaf design the best system for you.

We can design a new system for you with efficient boilers.

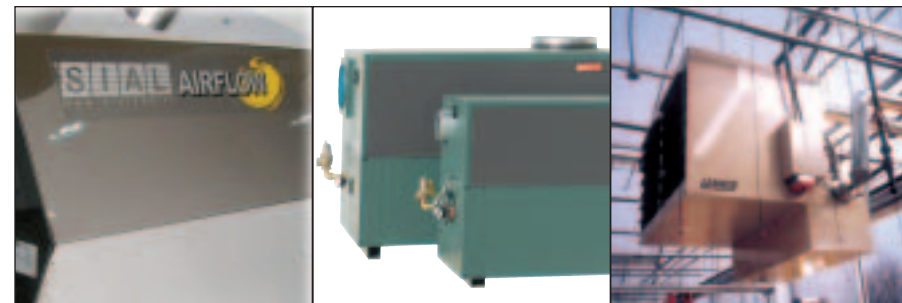
Include new boiler Make/Model _____

Use Existing Boiler Maximum Temperature _____ °F _____ BTU _____ HP

Other Heat Source? Solar Geothermal Waste Heat Other

Do you want new controls? Yes No

Do you your system set up for freeze protection? (Glycol) Yes No



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Flood Floors and Benches



TrueLeaf Recirculation Irrigation Systems can be designed for flood floors, benches, or other applications.

Flood Floors:
Floor Length _____ Width _____ Quantity _____

Maximum Watering Time Per Floor _____

Water Depth Needed _____ Inches _____ Valves Flush With Ground _____

Flood Benches:
Bench Type _____ Fixed Rolling Mobile Trays

Number of Benches Per Group _____ Number of Bench Groups _____

Maximum Depth Desire Needed in Inches _____

Complete Bench System Bench Top Retrofit for Existing Benches Water Supply and Recirculation System Only

Tank System: Tell us what you currently have.

Number of ClearFeed _____ Inground Above Ground
Tank Location _____

Irrigation Preheat: Incoming °F _____ Desired °F _____

Irrigation Preheat Flow Rate _____ GPM _____

Hourly Maximum Gallons _____ Minutes/Hour for Maximum Load _____

Where Water is Coming From: City Well Other

Water Quality: EC, PH, Mineral, Hardness, etc _____

Fertilizer Injection: Use My Existing Brand Unit Include New Fertilizing Injector

Compressed Air: Provide Compressed Air for Valves with Irrigation Compressed Air Is/Will be Available

Greenhouse Site: Freezing is possible Greenhouse Topography Cut to grade All on one level

System Controls: Do you want us to provide? Yes No

**Don't sweat it!
If you don't
know the answers
we do!**

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