

Water Management Plan Data Sheet

EXAMPLE

Cooperator Contact Information

Name: Ann X. Ample
Mailing Address: 814 Dinner Street
Phone Number: 123-4567 Fax Number: 123-4568
E-mail Address: annxample@yahoo.com

Property Information

Property Address: 814 Lunch Street
Tax Map Key Number: 9-8-007:006 Total Acres: 1
Acres Currently Farmed: 0.5 Planned Farmed Acres: 0.5
Directions to Property: H-1 to Breakfast Road. North on Breakfast Road 2 miles to Lunch Street and turn right. Property is 1/2 mile down and on the left side of the street.

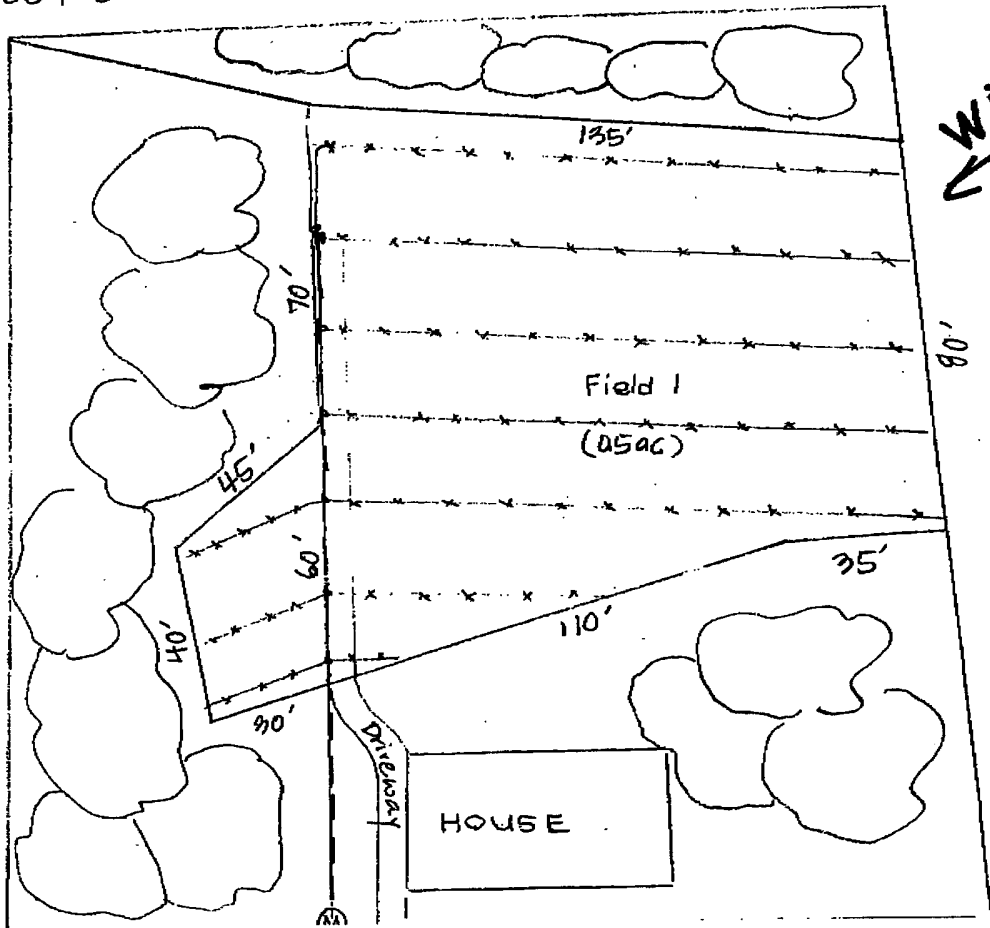
Provide a to scale map of the property identifying the property boundary, currently and planned farmed fields, and permanent features on the property (i.e., structures, roads, walls, fences, large trees, etc.). Number your fields for identification purposes.

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 814 Lynch Street
 Tmk 9-8-007:006



Scale
 1" = 30'

- [H] house
- (T) trees
- pipeline
- (M) meter
- valve
- + lateral
- ↪ emitter



Water Data

Identify sources of water available to you (ex. water meter, irrigation ditch, private well, runoff fed pond, etc.) and provide for each the following:

Water Source	Water Quality	In Use?		Meter or Valve Size	Service Line Size	Flow Rate	Pressure	Storage		Storage Volume
		yes	no					yes	no	
Existing BWS meter	good	x		5/8"	5/8"	20 gpm	25 psi		x	n/a

Provide copies of water billings for the last 12 months.

Crop Data

By field, identify the crops to be planted, indicate crop cycles and rotations, and provide for each crop the following:

Field Number and Acres	Crop	Root Depth*	Spacing Between		Number of Rows	Row Length	Planting Date	Growing Period
			Plants	Rows				
Field 1 - 0.5 acres	bananas	3'	8'	20'	7	175	existing	continuous

* Unrestricted root depth or water table, hard pan, or restrictive layer where roots are restricted.

On the property map, indicate field dimensions and the direction of planting.

Irrigation System Data

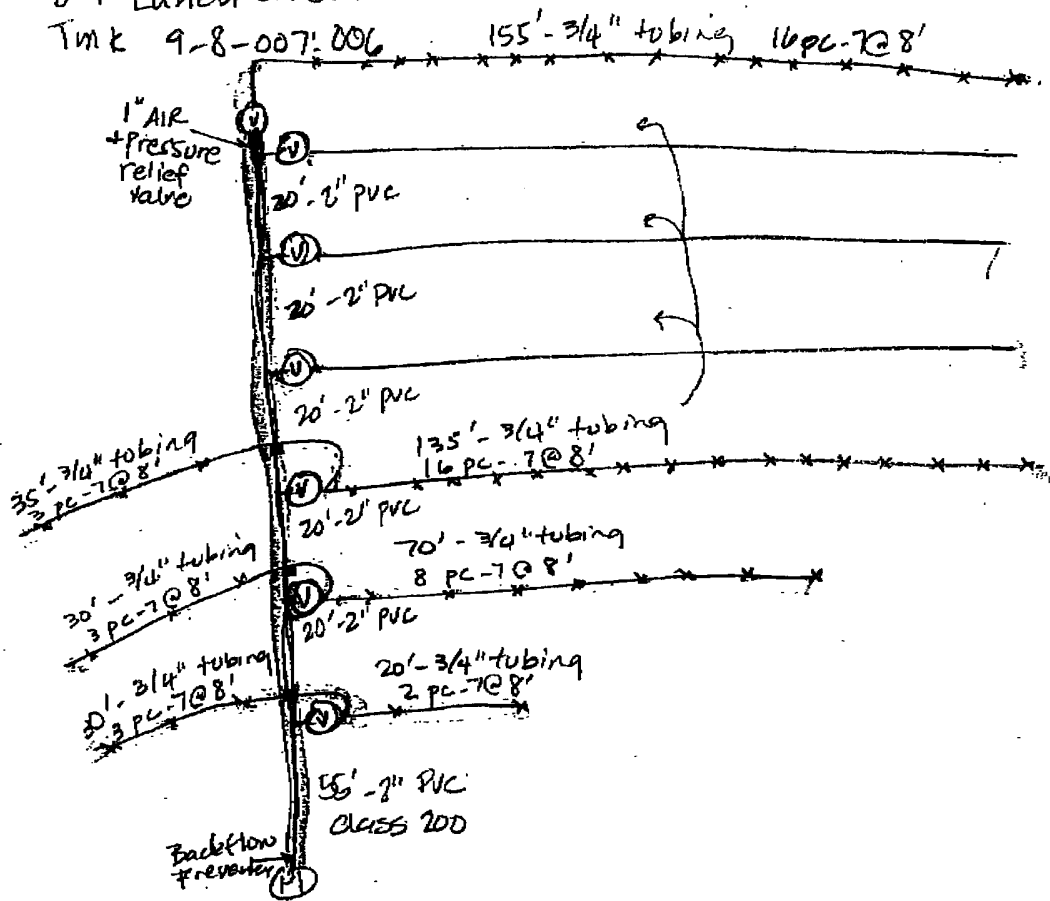
By field and crop, provide the following:

Field and Crop	Type of Irrigation	Emitter							Lateral Spacing	No. of Laterals
		Make	Model	Size	Flow	Wetted Dia.	Pressure	Spacing		
Field 1 - bananas	drip	rainbird	pc-7	n/a	7 gph	n/a	10-50 psi	8'	20'	7

Provide a sketch of the pipe layout of your irrigation system showing mainlines, submain, laterals, valves, and emitters.

Do you use a pump? no
 If yes, provide pump make: n/a model: n/a trim: n/a
 flow: n/a head: n/a

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(M) = 5/8" meter
 (V) = 3/4" valve
 * - emitter
 [shaded] = 2" PVC
 [dashed] = 3/4" tubing

Irrigation Scheduling Data

By field and crop, provide the following:

Field and Crop	Irrigation		Number of Laterals / Sat	Sets to Irrigate	Indicator Irrigation Needed*
	Time	Frequency			
Field 1 - bananas	2 hrs	daily	2	4	Irrigate daily unless it rains a lot

* Rainfall records, soil moisture, plant appearance, etc.

Other Considerations

List below water used for purposes other than irrigation:

Purpose	Number or Estimate of Water Usage*
House	1
Cooling	
Processing	wash, 1 hour @ 15 gpm

* Provide flow rate and length of use if water usage amount is not known.

Are you experiencing any problems (ex. erosion, runoff, ponding, uneven application, etc.) with your current irrigation system?
application appears to be uneven, some runoff and erosion

Are there constraints (ex. physical layout, equipment, labor, slope, pressure, etc.) on your ability to irrigate?
field on a slope, number of laterals not even, only available to irrigate for 4 hours every day.

Do you fertigate? no
 Do you use mulch? yes What kind of mulch? naturally occurring
 Do you use tillage in your farming operation? no
 What type and how often? n/a