

Hawaii response to AHETF Proposed Chemigation Questions for use by USDA:
September 13, 2004

See the table below to respond to Questions 1 – 4.

1. What types of systems do you use for chemigation? Several types are listed in the table below. Provide responses for the types you use. Additional types can be added if necessary.
2. What type of crop do you grow using each of the chemigation systems?
3. How many acres does your chemigation system cover? Please list average or range of acres for each system you use for each crop.
4. How many mixing/loading events are made in a typical day for each type of chemigation system?

Use the following table, as appropriate, to respond to Questions 1 - 4,

Type of System	Predominant crops	Acres Covered by System	No. of Mixing/Loading Events/Day
Center Pivot			
Traveling gun			
Motorized lateral move			
Solid set			
Portable (Wheel move, end tow, hand move)			
Drip	Tomato	500 out of 580	1/Week
Drip	Watermelon	450	1/Week
Drip	Bell Pepper	220	1/Week
Drip	Cucumber	150 out of 390	1/Week

5. How does mixing/loading a product into a chemigation system occur?
 - a. What percent of the mixing/loading events require some type of mixing?

% with mixing (Example- nurse tank)	<u>100%</u>
% without mixing (Example - injection system)	___
 - b. If a product requires mixing prior to being loaded into the chemigation system,

- i. What percent of the mixing/loading events occur off-site, loaded into a nurse tank and then delivered into the chemigation system from the nurse tank and what percent of the mixing/loading events are mixed at the chemigation site?

% off-site mixing _____

% on-site mixing 100%

- c. When mixing/loading occurs off-site into a nurse tank, what percent of the mixing/loading events utilize a closed or a open delivery system?

- i. % closed system _____

- ii. % open system _____

- iii. Other (specify) _____

- d. If mixing occurs at the chemigation site, what percent of the mixing/loading events utilize a closed or a open delivery system?

- i. % closed system _____

- ii. % open system 100%

- e. If no mixing is required (that is, the product is loaded or transferred from the product container into the chemigation system), what percent of the mixing/loading events utilize a closed or a open delivery system?

- i. % closed _____

- ii. % open _____