

CHRP BUSINESS PLAN EXAMPLE A GROVES WITH NO KNOWN GREENING OR CANKER

These examples are general in nature. Specifics of your situation may require that you consider detailed options available on the UF-IFAS website.

Purpose: The Citrus Health Response Program (CHRP) provides a framework to help manage citrus diseases in Florida, and within that framework the USDA/APHIS and FDACS/DPI are charged with CHRP administration along with survey and regulatory program activities. However, as with any agricultural protection program, industry support and participation are essential elements of the plan. Three key areas where the Florida Citrus Industry needs to provide assistance are: (1) decontamination of personnel and equipment, (2) self-surveys of citrus groves under their control for citrus canker and citrus greening (and Asian citrus psyllid populations), and (3) general citrus disease management with emphasis on citrus canker, citrus greening and insects associated with these diseases.

Industry Requirements: All segments of the Florida Citrus Industry share in the overall responsibility of protecting it from harm. Support of and compliance with the CHRP by the Florida Citrus Industry is of signal importance if we are to successfully manage and combat citrus diseases. To properly identify and maximize industry support and compliance with CHRP regulatory requirements, each citrus industry business should prepare a written document of decontamination procedures that outlines specifically how decontamination measures will be carried out on a day to day basis. In addition, those businesses that grow citrus or manage citrus production are asked to create and maintain a business plan in accordance with CHRP minimum standards and in consideration of UF-IFAS recommendations that outline management practices for grower self-surveys and for the control of diseases and the citrus psyllid. The UF - IFAS Citrus Pest Management Guide is, as the title indicates, a guideline to be used as a base to develop prescription plans for individual operations. Deviation from the guidelines will not constitute an incorrect business plan model if there is some logic to the management strategy employed. The procedure set forth in the business plans need not be overly complex or lengthy, so long as they capture the key elements of the procedure required for each business and clearly explain how the business will properly carry out each initiative. These procedures are to be forwarded to the FDACS-DPI CHRP headquarters in Winter Haven along with your CHRP Grower / Caretaker Agreement and a copy kept in your files to guide your business practices. (Although some tables are provided for your use in this outline, please plan to append additional pages as needed.) See UF-IFAS guidelines at these locations: <http://edis.ifas.ufl.edu/CG086> ; <http://edis.ifas.ufl.edu/CG040>.

Decontamination, Survey, and Disease Management strategies are addressed on pages two through six of this business plan.

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Please enter company information below:

CHRP BUSINESS PLAN

Business Name:		Company Type:		Contact:	
Address:				Telephone:	
City:		State:	Zip:	Cellphone:	
Fax#:		Email Address:			

(Please remember that pesticide labels should be closely followed and that treatments should be timed to minimize impact on pollinators).

Who in your business is responsible for citrus grove pest management activities?

Name:	
Location:	
Phone #:	Mobile #:

Who in your business is responsible for decontamination training, quality assurance, and compliance enforcement?

Name:	
Location:	
Phone #:	Mobile #:

Who in your business is responsible for grove self-survey training, quality assurance, and compliance enforcement?

Name:	
Location:	
Phone #:	Mobile #:

(Training documentation records must be maintained by all members of the commercial citrus industry for a minimum of three years.)

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CHRP DECONTAMINATION PROCEDURES

Decontamination Plan Requirements: Describe the type of training program your business will provide. What training tools will be used (citrus canker video, flip charts, hands-on demonstrations, etc.) When will new employees be trained? Describe in detail what specific steps are in place to ensure people comply with your plan and how you plan to ensure appropriate decontamination by those not in your direct employment. What disciplinary action will be taken if employees are found violating the procedures? What action will be taken if contractors are found violating the procedures? Attached is a proposed outline of decontamination procedures that each regulated business may complete, or you may devise your own outline or plan.

Decontamination Action Plan:

Employees are trained through the State certified trainer program. We provide hands-on demonstration for all employees. Canker wash is provided at the entrances to groves and employees and outside labor and contractors are required to decontaminate. Personnel are responsible to spray themselves and to clean their equipment upon entering and leaving the grove. Decontamination will be enforced.

Decontamination Logistics:

Task	Who	When	Where	Quality Assurance?
Employee Training	<i>All Employees</i>	<i>When hired</i>	<i>On site</i>	<i>Yes</i>
Personnel Spraying	<i>All persons working in and around groves</i>	<i>Upon entering, leaving and moving between groves</i>	<i>On site</i>	<i>Supervised</i>
Equipment Spraying	<i>All equipment entering, leaving, and moving between groves</i>	<i>Upon entering, leaving and moving between groves</i>	<i>On site</i>	<i>Supervised</i>
Equipment and Chemical Inventory and Ordering	<i>Supervisor</i>	<i>As needed</i>	<i>On site or contracted</i>	<i>Approved chemicals</i>
Equipment Maintenance and Cleaning	<i>By grove personnel, inspected by supervisor/manager</i>	<i>As required</i>	<i>On site</i>	<i>Supervised</i>
Decontamination Chemical Mixing, Testing, Distribution	<i>Supervisor</i>	<i>As needed</i>	<i>N/A</i>	<i>Yes</i>
Records Maintenance	<i>Owner/Staff</i>	<i>Continuous</i>	<i>Office</i>	<i>Yes</i>

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CHRP SURVEY PROCEDURES

Survey Plan Requirements: To augment commercial citrus grove surveys currently conducted by the Citrus Health Response Program, growers must implement some form of self-inspection to help detect citrus diseases as quickly as possible. The sooner the disease is found, the less mechanical, human, insect, and weather related spread there will be on a grower's own or his neighbor's property. Describe any quality assurance measures you plan to use to ensure that employees are inspecting effectively for citrus disease and associated insect vectors. If an employee finds a disease suspect, describe the measures to be taken to confirm the diagnosis. Any citrus canker/ greening suspects must be brought to the attention of the Citrus Health Response Program. To report suspects, call the helpline at 800-282-5153.

Survey Action Plan:

Grove manager is trained to identify canker, greening and other pests and diseases and will train other employees who will survey the groves annually for canker and twice yearly for greening, with continuous inspection by grove workers. Canker inspections will be accomplished by inspectors walking and riding, while greening inspections are to be done on foot. Greening inspections will be done twice per year between September and March, and canker inspections will be performed between May and December. Special emphasis placed on inspecting new flushes and canopies of perimeter trees. Any suspect infection will be reported to DPI for sampling and testing.

List of groves to be inspected:

Grove Name	Location	Variety	Acres	Planned Method and Frequency of Inspection
<i>Golden Grove</i>	<i>(TRS; street address; city/county)</i>	<i>Sweet oranges Mandarins Tangelos</i>		<i>Survey annually for canker and twice yearly for greening, with grove workers inspecting continuously. Examine harvested fruit for canker or greening symptoms.</i>
<i>Lower Forty</i>	<i>(TRS; street address if applicable; city/county, directions)</i>	<i>Grapefruit (Fresh)</i>		<i>Survey twice per year for canker, inspectors walking. Surveys will be more intense for blocks to be harvested as fresh fruit.</i>
<i>(Continue list of groves.)</i>				

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CITRUS CANKER MANAGEMENT

Disease Management Requirements: Describe the citrus canker management strategies your business plans to employ. The UF - IFAS disease management guidelines are viewed as foundation to citrus canker and greening control strategy development. However, at this point in the program individual company business plans may deviate from the UF-IFAS Best Management Practices, provided that there is some logic to the citrus disease control method selected, and state and federal pesticide laws and rules are met. Please remember that pesticide labels should be closely followed and that treatments should be timed to minimize impact on pollinators.

Citrus Canker Management Plan:

Survey twice per year, combined walking and riding. Use copper sprays as well as other insecticides and spray to the extent possible. Spot check as needed. Decontamination rules will be strictly followed and enforced by management at all times. Report any suspect infections to the CHRP office for inspection and testing.

List of Groves:

Grove Name	Location	Variety	Acres
Golden Grove	(TRS; street address if applicable; city/county, directions)	Valencia	560
Golden Grove	(TRS; street address if applicable; city/county, directions)	Red Grapefruit	80
(Continue listing grove properties here...)			

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CITRUS GREENING MANAGEMENT

Disease Management Requirements: Describe the citrus greening management strategies your business plans to employ. The UF - IFAS disease management guidelines are viewed as foundation to citrus canker and greening control strategy development. However, at this point in the program individual company business plans may deviate from the UF-IFAS Best Management Practices, provided that there is some logic to the citrus disease control method selected, and state and federal pesticide laws and rules are met.

Please remember that pesticide labels should be closely followed and that treatments should be timed to minimize impact on pollinators.

Citrus Greening Management Plan:

Examine grove trees twice per year in spring and fall inspecting for greening as well as canker and other pests. Inspect on foot when possible. Populations of psyllids should be controlled on new flush with insecticide applications as needed in an economically feasible manner. Report trees with greening suspect symptoms to the local CHRP office for sampling and testing. Infected trees will be removed. Replacement trees will be purchased from State certified nursery.

List of Groves:

Grove Name	Location	Variety	Acres
<i>Golden Grove</i>	<i>(TRS; street address if possible; city/county; directions)</i>	<i>Sweet oranges</i>	<i>160</i>
		<i>Mandarins</i>	<i>40</i>
		<i>Tangelos</i>	<i>40</i>
(List remainder of grove properties...)			

If you have any questions or need additional information, contact your local CHRP office or call the CHRP Helpline at 1-800-282-5153.