

**STATUS ASSESSMENT RESPONSE FORM**

Species (Botanical name): Vitex agnus-castus

(Common name): Chastetree, lilac chastetree, vitex

Where the voucher specimen is held: USF, FLAS, FTG,

Assessment/  Reassessment completed by: Deah Lieurance

Date assessment started: 7/7/2017 Date assessment completed: 7/7/2017

***INSTRUCTIONS***

*Either check appropriate response or enter it in the designated space.  
Attach additional sheets with evidence as necessary using appropriate section numbers.*

**SUMMARY OF ASSESSMENT RESULTS**

**BY STATE**

If species is NOT invasive in Florida, check one of the following three conclusions:

From Section A

Automatic Exemption

Use Predictive Tool

Prohibited

Not considered a problem species at this time

**BY ZONE**

**North: Central: South**

**North: Central: South**

**Index**

**Score I = : : M =**

**Category I = : : P = : : M = V =**

**Conclusions** North \_\_\_\_\_

Central \_\_\_\_\_

South \_\_\_\_\_

**In case of incomplete assessment:**

Where did assessment stop?

Who could provide the answer to this question?

### Automatic Exemption

Is this species listed on any federal or state noxious or prohibited plant lists?

Yes Under "BY STATE" on page R-1 check **Prohibited**

No **Go to Section I-a** below

### Step-by-Step Assessment Responses

#### I-a Current Invasion in Florida

1. Is there a proposed or new use for a species that would result in higher propagule pressure\* in Florida? For example, cultivation of  $\geq 2$  contiguous ac of a species for bioenergy (corresponding to DPI biofuel rule), or commercial cultivation of a species present in Florida for a new use, or increase in acreage cultivated from 1-10 ac to 10 times that acreage (10-100 ac), 10-100 ac to 5 times that acreage (50 to 500 ac), or >100 ac to 2.5 times that acreage.

Yes **Use the Predictive Tool**

No **Go to question I-a 2**

2. Does this species occur in any natural areas of Florida?

Yes *Attach distribution records* and **Go to question I-a 3**

No **Go to Section A**

3. Does it **ONLY** occur in natural areas of Florida because it has persisted from its previous cultivation?

Yes *Attach evidence of previous cultivation for each site* and **Go to Section A**

No **Go to Section I-b**

*Section A is on page R-3 and Section I-b is on page R-4*

*Check box if distribution records are attached*

*Check box if evidence of previous cultivation is attached*

## Section A

**A1** Does this species hybridize with any Federal or Florida-listed Endangered or Threatened species, Species of Special Concern, or economically important species (e.g., exhibit pollen /genetic invasion)?

Yes Provide *information below*. Enter a conclusion on page R-17 of **No unless limited use approved. Go to Section D** for details on how to make a proposal for specified and limited use for the species.

No **Go to question A2**

If yes, then *provide name of listed or economically important species & information sources:*

**A2** Has this species been introduced to Florida within the last 10 years if herbaceous, or last 20 years if woody?

Yes **Use Predictive Tool** and so indicate on page R-1

No Highlight *attached distribution records that show presence in Florida before 10 or 20 years ago or attach other evidence* and **Go to question A3**

**A3** Does this species have a record of causing problems in other regions with similar habitats and climate to Florida?

Yes *Provide evidence below, Use Predictive Tool and so indicate on page R-1*

No *Enter a conclusion of **Not considered a problem species at this time and may be recommended by IFAS faculty on page R-1** but reassess if invasion of natural areas is recorded or within 10 years, whichever is earlier.*

If yes, then *give evidence of where and what problems this species has caused:*

*Section D is on page R-19*

I-b Invasion Status in Three Zones of Florida

Check responses to the following questions for each zone (north, central, south) separately.

For “Yes” responses to questions 1-3, *distributional evidence of invasion* (forming self-sustaining and expanding populations within a plant community with which it has not previously been associated) *must be attached and distinguished for each zone.*

- |   |   |   |   |
|---|---|---|---|
|   | <b>North</b>  | <b>Central</b>  | <b>South</b>  |
| 1. Does species exist in areas outside its current, or former, cultivation in this zone?  | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> |
| If <i>Yes</i> <b>Go to question I-b 2</b><br>If <i>No</i> <b>Go to question I-b 4</b>   |   |   |   |
| 2. Is species invading in this zone <b>ONLY</b> when natural disturbance regime and scale have been altered?                            | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> |
| If <i>Yes</i> <b>Go to question I-b 3</b><br>If <i>No (or unknown)</i> <b>Go to Section II-a</b>  |   |   |   |
| 3. Has this species ever been <b>known</b> to persist if the natural regime is resumed and the natural flora/communities recover?       | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> |
| If <i>Yes (or unknown)</i> <b>Go to Section II-a</b><br>If <i>No</i> <b>Go to question I-b 4</b>  |   |   |   |
| 4. Are there other zones in which this species has invaded or persisted after restoration?  | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> | Yes No<br><input type="checkbox"/> <input type="checkbox"/> |
| If <i>Yes</i> indicate <b>I = 0 for this zone</b><br>on page R-1 then <b>Go to Section III-b</b><br>If <i>No</i> <b>Go to Section A</b> |   |   |   |

*Section II-a is on page R-5, Section III-b is on page R-10, Section A is on page R-3*

*Check box if distribution records by zone are attached*