STATUS ASSESSMENT RESPONSE FORM

Species (Botanical name): Verbena rigida

(Common name): Tuberous vervain, veined verbena, vervain

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

☐ 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 ≥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*:
Possibly naturalized in Hawaii. Naturalized in the Pacific, but not problematic (PIER)

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*.

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

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*