## STATUS ASSESSMENT RESPONSE FORM

Species (Botanical name): Verbena rigida

(Common name): <u>Tuberous vervain, veined verbena, vervain</u>

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								
<b>BY STATE</b> If species is NOT invasive in Florida, check one of the following three conclusions:								
From Section	A				Automat	ic Exemption	<u>on</u>	
Use Pred	ictive '	Гооl			Proh	ibited		
🔽 Not consi	dered	a probl	em specie	s at this ti	me			
		-	-					
BY ZONE North: Central: South North: Central: South Index								
Score I=	=	:	:				<b>M</b> =	
Category I =	=	:	:	<b>P</b> =	:	:	<b>M</b> =	<b>V</b> =
Conclusions North								
	Cent	ral						
	Sout	h						

In case of incomplete assessment:

Where did assessment stop?

Who could provide the answer to this question?

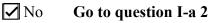
	Automat	<u>ic Exemption</u>
	Is this spo	ecies listed on any federal or state noxious or prohibited plant lists?
	Yes	Under "BY STATE" on page R-1 check Prohibited
	✓ No	Go to Section I-a below
ia:		

## Step-by-Step Assessment Responses

I-a Current Invasion in Florida
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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.

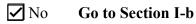
Yes	Use the	Predictive	Tool
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2. Does this species occur in any natural areas of Florida?

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



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

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Sectio	on A			
	A1	A1 Does this species hybridize with any Federal or Florida-listed Endangered species, Species of Special Concern, or economically important species (e pollen /genetic invasion)?			
Yes Provide <i>information below</i> . Enter a conclusio <b>unless limited use approved. Go to Section</b> a proposal for specified and limited use for the			Provide <i>information below</i> . Enter a conclusion on page R-17 of No <b>unless limited use approved. Go to Section D</b> for details on how to make a proposal for specified and limited use for the species.		
X	✓ No Go to question A2				
	If yes,	, then <i>provide r</i>	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 and climate to Florida?				
Yes Provide evidence below			Provide evidence below, Use Predictive Tool and so indicate on page R-1		
		☑ No	<i>Enter a conclusion of</i> <b>Not considered a problem species at this time</b> <b>and may be recommended by IFAS faculty</b> <i>on page R-1</i> but reassess if invasion of natural areas is recorded or within 10 years, whichever is earlier.		
			ence of where and what problems this species has caused: Hawaii. Naturalized in the Pacific, but not problematic (PIER)		
			Section D is on page R-19		

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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*.

1.	Does species exist in areas outside its current, or former, cultivation in this zone? If <i>Yes</i> <b>Go to question I-b 2</b> If <i>No</i> <b>Go to question I-b 4</b>	North Yes No ☑ □	Central Yes No 🗹 🗌	South Yes No
2.	Is species invading in this zone <b>ONLY</b> when natural disturbance regime and scale have been altered? If <i>Yes</i> <b>Go to question I-b 3</b> If <i>No (or unknown)</i> <b>Go to Section II-a</b>	North Yes No I	Central Yes No 🖌 🗋	South Yes No
3.	Has this species ever been <b>known</b> to persist if the natural regime is resumed and the natural flora/communities recover? If <i>Yes (or unknown)</i> <b>Go to Section II-a</b> If <i>No</i> <b>Go to question I-b 4</b>	North Yes No □ ☑	Central Yes No	South Yes No
4.	Are there other zones in which this species has invaded or persisted after restoration? If <i>Yes</i> indicate <b>I = 0 for this zone</b> on page R-1 then <b>Go to Section III-b</b> If <i>No</i> <b>Go to Section A</b>	North Yes No	Central Yes No	South Yes No
	Section II-a is on page R-5, Section III-b	is on page R-1	10, Section A i	s on page R-3

Check box if distribution records by zone are attached