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								
BY STATE 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=	=	:	:				M =	
Category I =	=	:	:	P =	:	:	M =	V =
Conclusions North								
	Cent	ral						
	Sout	h						

In case of incomplete assessment:

Where did assessment stop?

Who could provide the answer to this question?

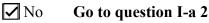
	Automat	<u>ic Exemption</u>
	Is this spo	ecies listed on any federal or state noxious or prohibited plant lists?
	Yes	Under "BY STATE" on page R-1 check Prohibited
	✓ No	Go to Section I-a below
ia:		

Step-by-Step Assessment Responses

I-a Current Invasion in Florida

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.

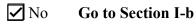
Yes	Use the	Predictive	Tool
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2. Does this species occur in any natural areas of Florida?

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 unless limited use approved. Go to Section a proposal for specified and limited use for the			Provide <i>information below</i> . 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.		
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> Not considered a problem species at this time and may be recommended by IFAS faculty <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> Go to question I-b 2 If <i>No</i> Go to question I-b 4	North Yes No ☑ □	Central Yes No 🗹 🗌	South Yes No
2.	Is species invading in this zone ONLY when natural disturbance regime and scale have been altered? If <i>Yes</i> Go to question I-b 3 If <i>No (or unknown)</i> Go to Section II-a	North Yes No I	Central Yes No 🖌 🗋	South Yes No
3.	Has this species ever been known to persist if the natural regime is resumed and the natural flora/communities recover? If <i>Yes (or unknown)</i> Go to Section II-a If <i>No</i> Go to question I-b 4	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 I = 0 for this zone on page R-1 then Go to Section III-b If <i>No</i> Go to Section A	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