International Plant Sentinel Network



Plant Health Checker - Step 1

Name of Botanic Garden		bleaching) or any recent use of herbicides:	pesticides/ fungicides/		nealth and of imminent co entially resulting in death	
/ Arboretum:				Orange (O) = Not curre	ntly a concern but could c	levelop; should
Country:				be checked frequently	to monitor progress	
Address:		Description of environment (for and individuals in close proximi		Black (X) = Absent/not	e expected on a 'healthy applicable d rating is given, ensure y	-
Name of IPSN contact:					've given it this rating in n	
Survey details						
Survey carried out by:		1. Flowers & buds		Not	<u>es:</u>	
Date of survey:		R 🖌 O 🖌 G 🖌 X				
Best description of season:						
Main reason for surveying this pa	articular individual:			CALCON.		
Plant details						
Species (Cultivar):		2. Leaves				
Accession number:						
GPS		R 🖌 O 🖌 G 🖌 X 🔨				
Country/region species is						
native to:						
Age/amount of time plant	has been			Ň		
present in gardens:		3. Stem				
General Comments:		R 🗸 O 🗸 G 🖌 X 🗸				
General description (pl	ease tick)					
Generally healthy	Some damage	4. Taproots and Branch Roots				
Dying	Dead					
Any recent changes in health or o	overall look:	R 🗸 O 🖌 G 🖌 X 🗸 ¬	\checkmark			
What do you think is wrong w				N. A.	Reference/file name of	
(give an indication of how sure you a	1			1	any photographs taken:	
	yes, in what timeframe le a suggested date)	3.) Should this be escalated to staff member to carry out <u>STR</u>		4.) Name of person escalate	d to (if applicable):	5.) Date:

General description of environment

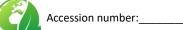
Any management issues (e.g. irrigation, soil pH, sun

Herbaceous plants - uncovered

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For each section of the plant give it a rating dependent on how

healthy it appears:



Plant Health Checker – Step 2

Please read: This section should be completed if escalation is specified by STEP 1. It should be carried out by an appropriately trained staff member who has the relevant knowledge concerning the plant's history and/or pest and pathogen identification skills.

<u>Tick</u> all signs/symptoms that are at abnormal levels or are unexpected for the individual, and are thus cause for concern (e.g. are out of the ordinary/new to the plant). Give a description and an indication of severity/abundance in the <u>notes</u>, plus note anything else of importance or interest.

1. Flowers and buds						
Dead				<u>Notes:</u>		
Buds failed to open						
Buds discoloured						
Buds dry up or rot						
Buds/flowers deformed						
Buds/flowers swollen						
Flowers discoloured			\checkmark			
Flowers failed to develop			\checkmark			
Flower heads collapsed						
2. Leaves						
Dead	\checkmark	Dieback			\checkmark	
Thin/sparse	\checkmark	Pustules				
Smaller than	V Mos		siacs / mottled /		~	
expected (stunted	vari		iation in colour			
Sticky	\checkmark	Galls/swellings			\checkmark	
Rust	\checkmark	Mildew			\checkmark	
Surface growth	\checkmark	Blis	Blistering			

2. Leaf Spots Single Numerous Present only at the All over leaf edge Only on old growth Only on new grow Yellowing Brown/blackeing (chlorotic leaves) (necrotic leaves) Notes: 3. Stem Staining/discolouration Wilting Gummy/sticky residue Galls/swellings Notes: 4. Taproot and Branch Roots Bootlaces/black strands (1-2mm wide) Galls/swellings Mushrooms/toadstools around plant Damage by mammals Staining Decay / rotting

Survey completed by:_____

Date:

		5. General pest damage		Location (e	.g. leaf)
		Insect eggs	\checkmark		
		Chewing damage	\checkmark		
	•	Insect webbing	\checkmark		
۱	\checkmark	Insect mines (leaves)	\checkmark		
	\checkmark	Frass	\checkmark		
		Mites seen	\checkmark		
		Notes:			
	✓	6. Pest sightings (give an indication of how sure you are identification or description if unknown	of this	Location (e.g. leaf)	Photo (file name
	\checkmark				
	\checkmark		×		
	✓		\checkmark		
			\checkmark		
			~		
	\checkmark		\checkmark		
	\checkmark				
	\checkmark				
	\checkmark	7. General Observations and	d Addit	ional Notes	<u> </u>
	\checkmark				
	\checkmark				
	1				
		Reference/file name of any photog			

What do you think is wrong with this plant? (give an indication of how sure you are of this diagnosis)	1.) Is a re-survey required?	 2.) If yes, in what timefra (include a suggested date) 	ame	
3.) Should this be reported to the local diagnostic laboratory - a physical sample may be required (this is only if symptoms are severe or if a pest of concern)		4.) Should this be escalated to local <u>National Plant Protection</u> Organisation (NPPO)? (as advised by local diagnostic laboratory)		

Notes:

Herbaceous plants - uncovered

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