

JOURNAL OF
AGRICULTURAL AND
FOOD CHEMISTRY

J. Agric. Food Chem., 1996, 44(5), 1285-1290, DOI: [10.1021/jf950410k](https://doi.org/10.1021/jf950410k)

Terms & Conditions

Electronic Supporting Information files are available without a subscription to ACS Web Editions. The American Chemical Society holds a copyright ownership interest in any copyrightable Supporting Information. Files available from the ACS website may be downloaded for personal use only. Users are not otherwise permitted to reproduce, republish, redistribute, or sell any Supporting Information from the ACS website, either in whole or in part, in either machine-readable form or any other form without permission from the American Chemical Society. For permission to reproduce, republish and redistribute this material, requesters must process their own requests via the RightsLink permission system. Information about how to use the RightsLink permission system can be found at <http://pubs.acs.org/page/copyright/permissions.html>



ACS Publications

MOST TRUSTED. MOST CITED. MOST READ.

Copyright © 1996 American Chemical Society

Supplementary Material

Levels of lysergic acid amide (1) and ergonovine (2) as measured by HPLC in tissues of six specimens of endophyte-infected^a *A. inebrians* grown in the greenhouse.

Plant	Ergonovine (2) (mg kg ⁻¹)					Lysergic acid amide (1) (mg kg ⁻¹)				
	Leaf	Sen. ^b	Sheath	Crown	Root	Leaf	Sen.	Sheath	Crown	Root
1	2497	661	881	- ^c	-	330	90	86	-	-
2	1930	676	818	-	-	302	136	118	-	-
3	2565	873	1285	-	-	327	203	165	-	-
4	1863	612	623	95	21	437	165	127	35	9
5	1665	670	621	-	-	326	154	107	-	-
6	1689	510	566	67	14	418	142	122	11	4

^aNeither ergonovine nor lysergic acid amide were detected in endophyte-free *A. inebrians* (limit of detection 0.5 ppm).

^b senescent leaf tissue

^cno analysis available.

Relative concentration of endophyte (arbitrary units), as measured by ELISA, in tissues from 4 specimens of endophyte-infected *A. inebrians* grown in the greenhouse.

Plant	Leaf blade	Leaf Sheath	Crown	Root
1	33.5	31.5	24.7	7.3
2	31.8	29.0	11.9	4.3
3	25.2	32.3	18.4	19.0
4	41.0	49.1	26.4	2.5
Mean	32.9	35.5	20.4	8.3
SD	6.5	9.2	6.6	7.4