



Title: Effect of fungicides on preventing *Phyllosticta* anthracnose on *Euonymus*.

Host: *Euonymus fortunei* (euonymus) 'Emerald'

Inoculation: The plants were naturally inoculated with *Phyllosticta/Phoma* trial initiation.

Treatments:	Rate/100 gal
A. Water	-----
B. Concert	16 oz
C. Heritage	4 oz
D. Compass O	4 oz
E. Insignia	10 oz
F. Medallion	4 oz
G. Banner MAXX	6 oz
H. Eagle	4 oz
I. Lynx	8 oz
J. Lynx - drench	2 oz
K. Armada	6 oz
L. Terraguard	8 oz
M. Clevis	16 oz

Chemical application dates: All treatments were applied as a foliar spray (to drip) except treatment 'J' which was applied as a drench at 50 ml per 4 inch pot as listed above on 2, 16 February, 2, 16, 30 March and 13 April, 2007.

Treatment	Rate/ 100 gal	Height (cm) 3/5/07	Height (cm) 4/6/07	Top Grade 4/6/07	No. Leaves With Spots 4/25/07
Water	-----	10.2 c	14.5 b	3.9 cde	3.8 bc
Concert	16 oz	8.3 a	12.7 a	3.2 ab	3.7 bc
Heritage	4 oz	10.0 c	13.1 a	3.8 cde	2.4 abc
Compass O	4 oz	10.1 c	12.0 a	3.6 bcde	3.4 abc
Insignia	10 oz	10.2 c	12.4 a	3.5 abcd	1.9 ab
Medallion	4 oz	10.3 c	13.2 a	4.0 de	2.0 ab
Banner MAXX	6 oz	8.8 ab	11.6 a	3.1 a	2.1 abc
Eagle	4 oz	9.5 bc	12.5 a	3.4 abc	0.8 a
Lynx	8 oz	10.3 c	15.9 b	4.0 de	1.6 ab
Lynx – drench	2 oz	10.2 c	13.4 a	4.0 e	3.0 abc
Armada	6 oz	9.1 abc	12.7 a	3.4 abc	2.6 abc
Terraguard	8 oz	9.7 bc	12.8 a	3.5 abcde	4.7 c
Clevis	16 oz	10.0 c	13.2 a	3.8 cde	2.4 abc

Top grade was recorded using the following scale: 1 - plant dead, unsalable, 2 - poor, unsalable, 3 - moderate, salable, 4 - good, salable to 5 - excellent, salable.