Phytoplasma quantification in 'Transmitter' and 'Non-transmitter' insects.

Mean (± standard error) chrysanthemum yellows phytoplasma (CYP) titre (CYP cells/ng of insect

2 3

1

4 5

6

7

8

DNA) measured in Euscelidius variegatus, following microinjection with CYP suspension (Control) or CYP suspension plus antibody A416. Insects were collected at the end of the inoculation access period and classified as 'Transmitters' and 'Non-transmitters' according with symptom appearance on corresponding inoculated plants.

| Thesis        | Insect transmission category | Mean CYP titre ± SE (N)     |
|---------------|------------------------------|-----------------------------|
| Control       | Transmitters                 | $2.17E+04 \pm 5.13E+03$ (9) |
| Antibody A416 | Non-transmitters             | $2.79E+04 \pm 2.81E+03$ (9) |