

SURVEY ON NEMATODE CONTROL METHODS

In the following exercise we want you to assess five nematode control methods in terms of (i) effectiveness in suppression of nematode diseases, (ii) reduction of the environmental impact, and (iii) minimizing side effects on human health. The five nematode control methods considered are: (1) Fumigants, (2) Non fumigants, (3) Biological, (4) Biosolarization and (5) Ozone. For each criterion, please indicate which nematode control method of the pairwise comparison is preferred and the intensity of your choice using the following scale: 9="Absolutely preferred"; 7="Very strongly preferred"; 5="Strongly preferred"; 3="Moderately preferred" or 1="Equally preferred"

Criterion 1: Effectiveness in suppression of nematode diseases

Pairwise comparison 1:

Fumigants					Non fumigants			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 2:

Fumigants					Biological			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 3:

Fumigants					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 4:

Fumigants					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 5:

Non fumigants					Biological			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 6:

Non fumigants					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 7:

Non fumigants					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 8:

Biological					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 9:

Biological					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 10:

Biosolarization					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Criterion 2: Reduction of the environmental impact**Pairwise comparison 11:**

Fumigants					Non fumigants			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 12:

Fumigants					Biological			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 13:

Fumigants					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 14:

Fumigants					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 15:

Non fumigants					Biological			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 16:

Non fumigants					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 17:

Non fumigants					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 18:

Biological					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 19:

Biological					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 20:

Biosolarization					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Criterion 3: Minimizing side effects on human health**Pairwise comparison 21:**

Fumigants					Non fumigants			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 22:

Fumigants					Biological			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 23:

Fumigants					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 24:

Fumigants					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 25:

Non fumigants					Biological			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 26:

Non fumigants					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 27:

Non fumigants					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 28:

Biological					Biosolarization			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 29:

Biological					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 30:

Biosolarization					Ozone			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Finally, we would like to have your opinion about the contribution of these criteria to the sustainability of nematode control strategy.

IMPORTANCE OF THE THREE CRITERIA TO THE SUSTAINABILITY OF THE NEMATODE CONTROL STRATEGY

Pairwise comparison 31:

Effectiveness in suppression of nematode diseases					Reduction of the environmental impact			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 32:

Effectiveness in suppression of nematode diseases					Minimizing side effects on human health			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

Pairwise comparison 33:

Reduction of the environmental impact					Minimizing side effects on human health			
Absolutely preferred	Very strongly preferred	Strongly preferred	Moderately preferred	Equally preferred	Moderately preferred	Strongly preferred	Very strongly preferred	Absolutely preferred

RESPONDENT'S CHARACTERIZATION

Please, indicate your agricultural status:

<input type="checkbox"/>	Farm's owner
<input type="checkbox"/>	Farm's advisor
<input type="checkbox"/>	Commercial phytosanitary technician
<input type="checkbox"/>	Researcher
<input type="checkbox"/>	Governmental officer
<input type="checkbox"/>	Other (please indicate):

THANK YOU VERY MUCH FOR YOUR COLLABORATION