

Constant Contact Survey Results

Survey Name: Knotweed Survey

Response Status: Partial & Completed

Filter: None

9/26/2018 7:59 AM CDT

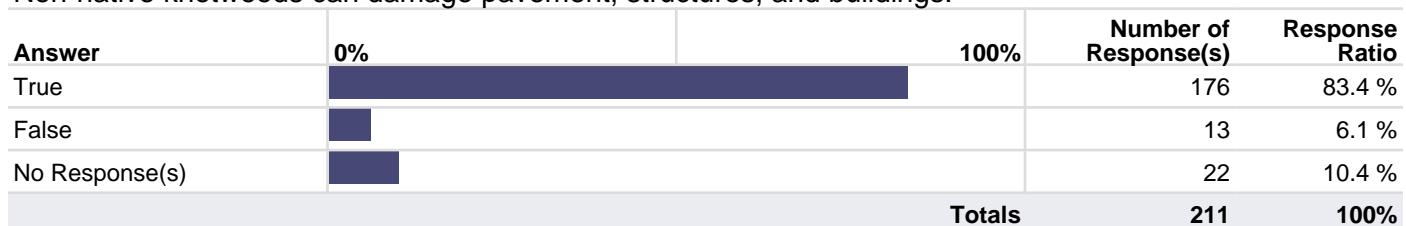
TextBlock:

The following set of questions are about your general knowledge of knotweed.

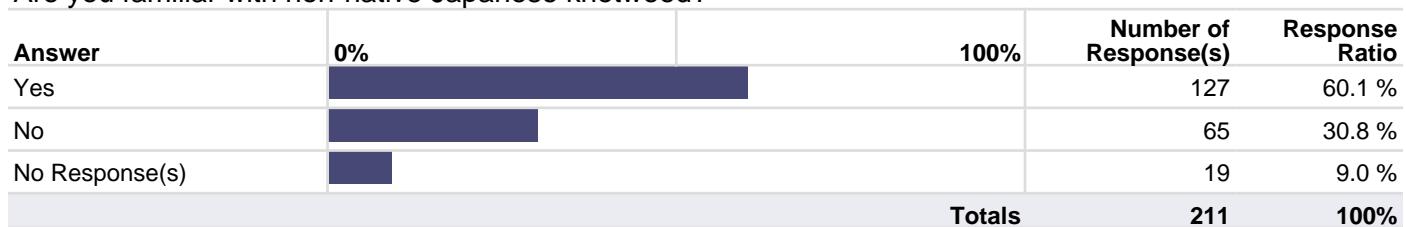
There are native and non-native versions of knotweeds in Minnesota.



Non-native knotweeds can damage pavement, structures, and buildings.



Are you familiar with non-native Japanese knotweed?



Are you familiar with non-native Giant knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			49	23.2 %
No			142	67.2 %
No Response(s)			20	9.4 %
Totals		211	100%	

Are you familiar with non-native Bohemian knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			38	18.0 %
No			154	72.9 %
No Response(s)			19	9.0 %
Totals		211	100%	

If you feel you have no knowledge or very limited knowledge of non-native knotweeds, you may skip the following set of questions.

Answer	0%	100%	Number of Response(s)	Response Ratio
Continue with questions			117	55.4 %
Skip questions			77	36.4 %
No Response(s)			17	8.0 %
Totals		211	100%	

TextBlock:

Below is a series of photos. Identify those you believe to be non-native knotweed.

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			12	5.6 %
No			74	35.0 %
Not sure			19	9.0 %
No Response(s)			106	50.2 %
Totals		211	100%	

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			79	37.4 %
No			9	4.2 %
Not sure			16	7.5 %
No Response(s)			107	50.7 %
		Totals	211	100%

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			25	11.8 %
No			61	28.9 %
Not sure			19	9.0 %
No Response(s)			106	50.2 %
		Totals	211	100%

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			32	15.1 %
No			48	22.7 %
Not sure			26	12.3 %
No Response(s)			105	49.7 %
		Totals	211	100%

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			76	36.0 %
No			17	8.0 %
Not sure			13	6.1 %
No Response(s)			105	49.7 %
		Totals	211	100%

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			3	1.4 %
No			88	41.7 %
Not sure			15	7.1 %
No Response(s)			105	49.7 %
		Totals	211	100%

Is this a knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes	23	95	95	45.0 %
No	1	4	4	1.8 %
Not sure	2	7	7	3.3 %
No Response(s)	27	105	105	49.7 %
Totals		211		100%

Even if you have no prior knowledge of knotweed, please describe the following on a five-point scale.

Non-native knotweed is:

1 = Agree, 3 = Neutral, 5 = Disagree

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Beneficial to nature	47					107	4.7
Accidentally introduced	27					107	2.5
Controllable	31					107	3.0
A severe problem	17					107	1.6
A threat to native plants	17					107	1.3

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

TextBlock:

The following set of questions are about non-native knotweed management.

How effective do you think the following management strategies are?

1 = Very effective, 2 = Somewhat effective, 3 = Not sure, 4 = Not very effective, 5 = Ineffective

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Spraying herbicide on the leaves/entire plant ('foliar spray')						102	2.4
Herbicide injection in the stem						101	2.4
Applying herbicide to cut stem (cutting stems is not recommended in most situations)						99	2.8
Grazing						100	3.7
Cutting (cutting stems is not recommended in most situations)						98	4.3
Mowing (mowing is not recommended in most situations)						101	4.2

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

How easy or difficult do you think the following management strategies are?

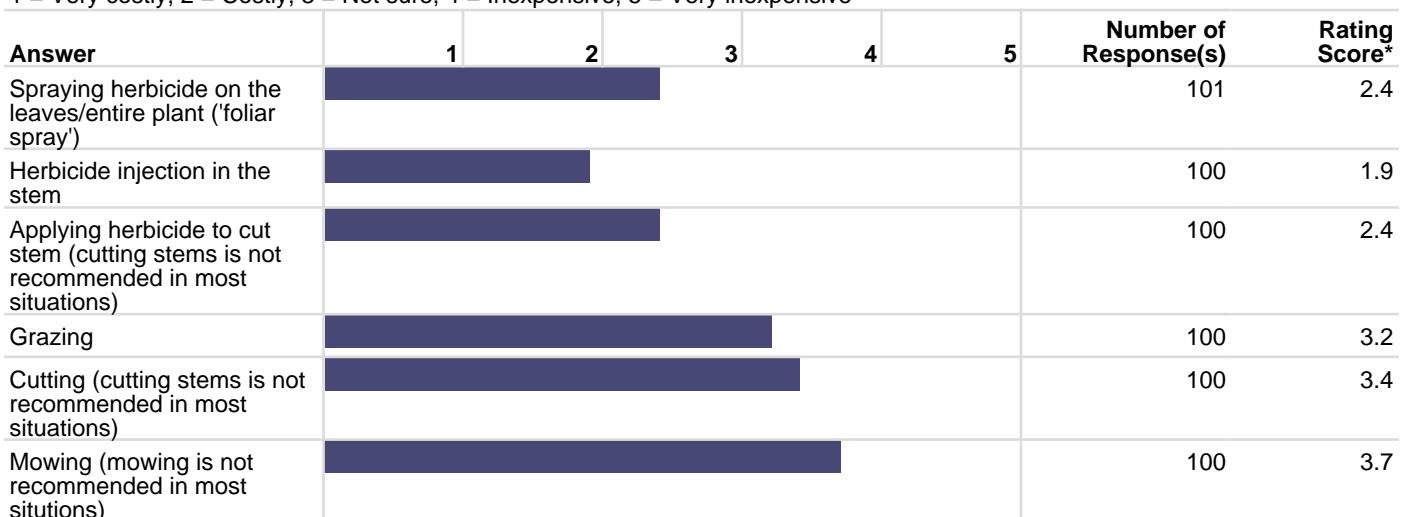
1 = Very easy, 2 = Pretty easy, 3 = Not sure, 4 = Difficult, 5 = Very Difficult

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Spraying herbicide on the leaves/entire plant ('foliar spray')						102	2.5
Herbicide injection in the stem						100	3.7
Applying herbicide to cut stem (cutting stems is not recommended in most situations)						102	3.1
Grazing						101	3.0
Cutting (cutting stems is not recommended in most situations)						99	2.8
Mowing (mowing is not recommended in most situations)						101	2.6

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

How costly do you think the following management strategies are?

1 = Very costly, 2 = Costly, 3 = Not sure, 4 = Inexpensive, 5 = Very inexpensive



*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

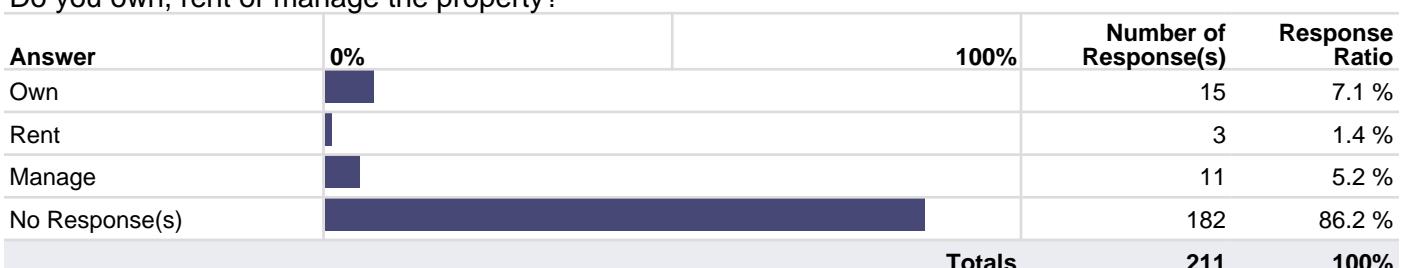
TextBlock:

The following set of questions are about knotweed in your area.

Do you have any non-native knotweed on your property or where you live?



Do you own, rent or manage the property?



If you currently have or in the past had non-native knotweed on your property, how did it get there?

Answer	0%	100%	Number of Response(s)	Response Ratio
I planted it			2	<1 %
It was here when I purchased the property			14	6.6 %
It spread to my property			2	<1 %
I don't know			7	3.3 %
Other			7	3.3 %
No Response(s)			179	84.8 %
Totals		211		100%

Have you now or in the past tried to manage non-native knotweed on your property?

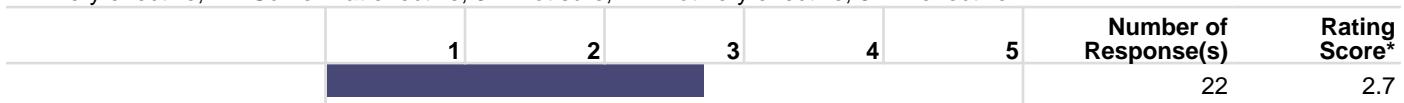
Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			23	10.9 %
No			9	4.2 %
No Response(s)			179	84.8 %
Totals		211		100%

If you have tried to manage non-native knotweed on your property, what did you do? (Select all that apply)

Answer	0%	100%	Number of Response(s)	Response Ratio
Spraying herbicide on the leaves/entire plant ('foliar spray')			14	63.6 %
Herbicide injection in the stem			2	9.0 %
Applying herbicide to cut stem (cutting stems is not recommended in most situations)			8	36.3 %
Grazing			1	4.5 %
Cutting (cutting stems is not recommended in most situations)			5	22.7 %
Mowing (mowing is not recommended in most situations)			7	31.8 %
Tarping			4	18.1 %
Other			4	18.1 %
Totals		22		100%

How effective was your management?

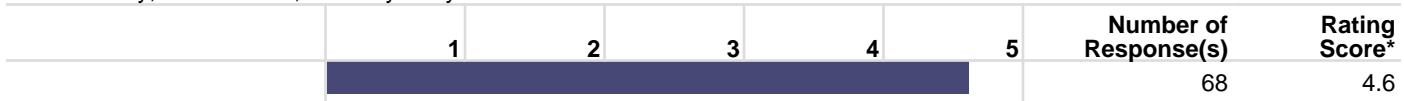
1 = Very effective, 2 = Somewhat effective, 3 = Not sure, 4 = Not very effective, 5 = Ineffective



*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

How likely would you be to manage non-native knotweed on your property?

1 = Not likely, 3 = Not sure, 5 = Very likely



*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

How would you manage non-native knotweed?

Answer	0%	100%	Number of Response(s)	Response Ratio
I would do it myself.			63	29.8 %
I would hire a professional.			11	5.2 %
I would not manage. (Why not?)			3	1.4 %
No Response(s)			134	63.5 %
Totals		211		100%

What is a limitation for you in managing non-native knotweed? (Select all that apply.)

Answer	0%	100%	Number of Response(s)	Response Ratio
Not aware of a need to manage			5	7.0 %
Amount of time involved			34	47.8 %
Cost			29	40.8 %
Lack of information or knowledge			19	26.7 %
Lack of resources			22	30.9 %
Other			14	19.7 %
Totals		71		100%

What would make you more likely to manage non-native knotweed? (Select all that apply.)

Answer	0%	100%	Number of Response(s)	Response Ratio
If I had more information or knowledge			28	40.0 %
If the plant were harming human health			29	41.4 %
If the plant were harming nature			38	54.2 %
If the plant were harming my property			35	50.0 %
Other			19	27.1 %
Totals		70	100%	

Do you know how to purchase herbicide for knotweed management?

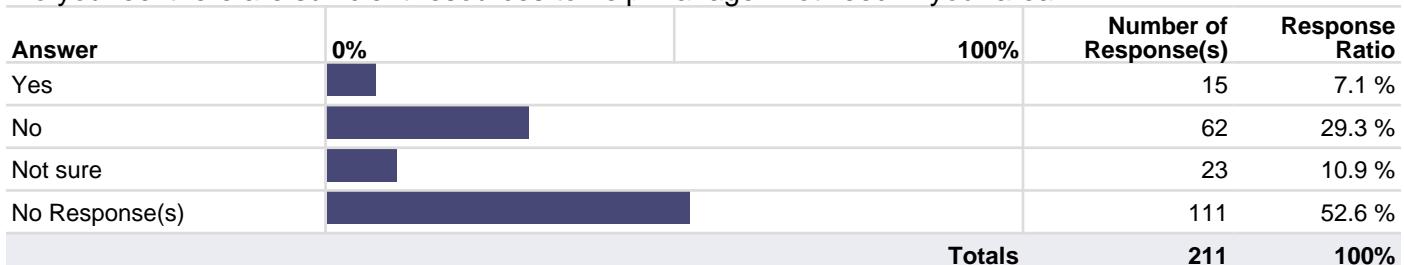
Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			54	25.5 %
No			38	18.0 %
I don't chose to use herbicide			6	2.8 %
No Response(s)			113	53.5 %
Totals		211	100%	

In Minnesota, landowners are required to prevent certain invasive plants from spreading off their property.

Do you feel non-native knotweeds should be one of those plants?

Answer	0%	100%	Number of Response(s)	Response Ratio
Yes			81	38.3 %
No			6	2.8 %
Not sure			13	6.1 %
No Response(s)			111	52.6 %
Totals		211	100%	

Do you feel there are sufficient resources to help manage knotweed in your area?



Would you be interested in any of the following management resources in your area? (Select all that apply.)



TextBlock:

General information:

Please enter your zip code (not required):

Answers	Number of Response(s)
Postal Code	145

How would you describe the area you live in? (Select all that apply.)

Answer	0%	100%	Number of Response(s)	Response Ratio
Rural agricultural			51	29.8 %
Rural forested			32	18.7 %
Urban			64	37.4 %
Small town			37	21.6 %
Lakeshore			19	11.1 %
Other			18	10.5 %
Totals		171		100%

Where do you get most of your information regarding plants? (Select all that apply.)

Answer	0%	100%	Number of Response(s)	Response Ratio
Newspaper			33	19.2 %
TV			16	9.3 %
Radio			22	12.8 %
Social media			37	21.6 %
Websites			134	78.3 %
Own observations			88	51.4 %
School			16	9.3 %
Conversations with others			98	57.3 %
Scientific journals			41	23.9 %
Pamphlets			55	32.1 %
Gardening magazines			30	17.5 %
Garden centers			19	11.1 %
Other			53	30.9 %
Totals		171		100%

What is the best way to reach you with information regarding plants? (Select all that apply.)

Answer	0%	100%	Number of Response(s)	Response Ratio
Newspaper			49	29.3 %
TV			24	14.3 %
Radio			25	14.9 %
Social media			68	40.7 %
Websites			125	74.8 %
School			5	2.9 %
Pamphlets			59	35.3 %
Gardening magazines			24	14.3 %
Garden centers			23	13.7 %
Other			39	23.3 %
Totals		167		100%

TextBlock:

Thank you again for your participation in our survey. We value and appreciate your input. In Minnesota two species of knotweed have been identified:

Japanese knotweed (*Polygonum cuspidatum*)

and Bohemian knotweed (*Polygonum x bohemicum*). Giant knotweed (*Polygonum sachalinense*) has been documented nearby in Wisconsin and Michigan. All three species have very similar characteristics and can be spread by fragments of the root and stem. Cutting, mowing, chopping, or any method that has the potential

to break and disperse pieces of the plant can lead to new infestations. The deep, extensive root system and the ease by which these knotweeds can spread make it notoriously difficult to get rid of. Below are some resources if you are interested in additional information regarding knotweeds: MDA Knotweed brochure MnDOT noxious weed book (pg. 40)