

Tree Survey Result (Appended to CHCA Newsletter, April 2020)

Below is the analysis of the recent tree survey and the associated data. The review was completed by a qualified statistician . **Please note the survey and its result only apply to the village reserves.**

You can view the information and options at this link

<https://www.surveymonkey.com/r/7WP59PF>

This result will be used to further develop the draft Reserves Management Plan. Selwyn District Council will run a formal consultation and submissions process for the Reserves Management Plan which will allow all villagers to have input into the plan.

Reviewing the responses to the Castle Hill Village Reserves survey

Overview: The options essentially ranged from removing trees named as pests in the Canterbury Regional Pest Plan (in accordance with ECAN rules) (option A) through to remove the least possible number of these trees (option D).

Finding: Option C best reflects the desires of all householders.

Methods and considerations:

- No method of determining the results of the survey was declared in the survey which has given rise to a question of how to interpret the results.
- Option D was the first choice of 59% of households, but it was also the last choice of 39% of households. Selecting D would not take account of the households that found D to be the least desirable.
- The most appropriate way of determining what reflects the desires of the community is to weight everyone's choices.

Most weight given to their first choice and least weight to their last choice.

The weighting I applied was 3 for the first choice, 2 for second 1, for third and 0 for the last choice.

Using this process option C best reflects the desires of all householders.

Castle hill tree survey - Voting results

Total Votes 95

Selections in priority(choice) order

	Freq	Percent
ABCD	23	24%
ABDC	1	1%
ACBD	1	1%
BACD	5	5%
CABD	2	2%
CBAD	6	6%
CDAB	1	1%
DABC	1	1%
DBAC	5	5%
DCAB	7	7%
DCBA	43	45%

Frequency

Option	First Choice	Second Choice	Third Choice	Least preferred
A	25	8	19	43
B	5	35	47	8
C	9	51	28	7
D	56	1	1	37

Percentage

Option	First Choice	Second Choice	Third Choice	Least preferred
A	26%	8%	20%	45%
B	5%	37%	49%	8%
C	9%	54%	29%	7%
D	59%	1%	1%	39%

Votes for A or D

	A	D
First choice	26%	59%
First or second choice	35%	60%
First Second or 3rd choice	55%	61%