
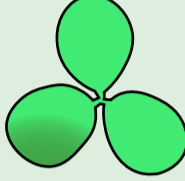


How rare are four-leaf clovers *really*?

Ask the internet and you will be told many times that there is 1 four-leaf clover per 10'000 three-leaf clovers. Source of information: unknown. In fact, there seem to be many circular references. Nobody seems to have done the research. So we did. We set ourselves to go and find out - for the first time - how rare four-leaf clovers really are.

Our finding

1  per 5'076 

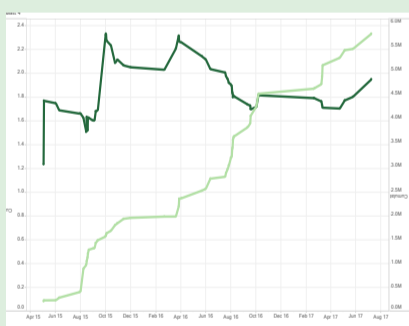
How do we know?



We looked at
5.7 million clovers!

We know that because we repeatedly timed ourselves looking at all the clovers in a defined area (A3 sheet of paper), then we counted all clovers in that area.

How sure are we?









Pretty much.
The more data you collect, the more robust they become. The graph shows how our prevalence curve (dark green)

becomes more stable as the cumulative number of screened clovers (light green) goes up. Only after about 3 million screened clovers does the prevalence curve stay within a $\pm 10\%$ band.

Differences between countries or seasons?

Very little, probably insignificant, but that is hard to tell as our database is not equally robust (see opposite) for all countries and seasons. Our research goes on...

Country	Prevalence*
	1.75
	1.21
	1.70
	0.16
	1.88
	2.00



Season	Prevalence*
Spring	2.10
Summer	1.63
Fall	2.35
Winter	0.69



* 4-leaf clovers per 10'000

5- and 6-leaf clovers

Not all clovers have 3 or 4 leaves. They can have 5, 6, 7, 8, or even more leaves. See <http://www.sharetheluck.ch/what-we-found-so-far> for photos of examples. Clovers with 7 or more leaves are extremely rare in nature, but can be obtained by breeding.

Here is our statistic:

1  per 24'390 

1  per 312'500 

Please help us


share the luck

We would love to continue our research, find out more about rare clovers and share our results with you. You can help us by sharing this infographic and buying our lovely clover souvenirs from <http://www.sharetheluck.ch/four-leaf-clover-gifts>. Thank you!

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