

# Knowledge is power: DIY editing on Wikipedia

Accessed over 15 billion times a month, Wikipedia is hugely influential, but 20 years after launch, it still has a ways to go: articles on white men dominate, for example – but it's an easy fix. Jess Wade, a physicist at Imperial College London, shares her five tips for impactful editing.

#### 1. Play by the rules

Remember that
Wikipedia is nonpartisan, impartial and
aggregates reliable
sources to summarise
knowledge. There are
rules on what and who
counts as "notable"
and worthy of an entry
– and writing about
yourself, your family
or your boss is a clear
conflict of interest.

## 2. Citations and saves

A Wikipedia page is only as good as its reference list. For every sentence you type, try and add an appropriate citation. Wikipedia's visual editing interface looks like a Word document, but there's no autosave – click "publish" often, so you don't lose your work.

#### 3. Don't plagiarise

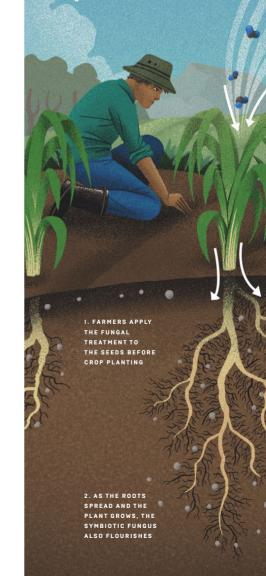
Read, digest and then write content for Wikipedia in your own words. Avoid jargon – remember that the most popular pages are written in the most accessible language.

### 4. Assume good faith

The Wikipedia editing community is by no means reflective of the population it serves, but they're not all sitting behind their laptops waiting to delete your work. Join edit-a-thons, listen to experienced editors' suggestions and use the talk pages to discuss any issues.

#### 5. Be bold

Wikipedia is an opensource, collaborative project whose guidelines and policies evolve every day. Don't worry about making mistakes – changes can be reverted – and remember that with every biography you update and typo you catch, you make the internet a better place.



undamentally, two of the world's most pressing

and soil degradation, boil down to a simple

imbalance: there is too

not enough in the ground.

Nock are the co-founders of Soil Carbon Co, an Australian agritech startup

Guy Hudson and Tegan

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compound which can

treatment applied to seeds

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challenges, climate change

The star ingredient in the seed treatment is a blend of microbial fungi called "dark septate endophytes", which live convert CO, absorbed through photosynthesis compounds, which are less are then deposited in tiny clumps of soil that provide an oxygen-free environment conducive to long-term carbon storage. "Carbon increases the water-holding capacity of the soil, and also helps capture and retain higher yields and better

Investors are sold: in June 2020, Soil Carbon Co raised AUD\$10 million (£5.5m) in seed funding in a round led by Horizons Ventures, the private investment arm of Hong Kong tycoon Li Ka-shing.

This capital injection is enabling Soil Carbon Co to go mainstream.

Nock and Hudson are currently trialling their seed treatment on crops such as canola, soybean and wheat in Australia and the US, and hope to bring it to market later in 2021. Fortunately, a major selling point of Soil Carbon Co's technology is that it is low-cost and easy to adopt, unlike many of the regenerative agriculture

methods being practised today, such as no-till farming. Essentially, all farmers have to do is inoculate their crops with the microbes – which will be sold in freeze-dried form – and let nature take its course. What's more, it is highly scalable. "You already have a workforce of about a billion farmers globally, who spend every day working at the intersection of atmosphere and soil, and who deeply understand that interface," says Hudson. "You also have ready infrastructure in the form of crops, which are effectively like miniature

fans, constantly sucking atmospheric carbon down into the soil. This all means that we have the capacity to draw down enormous amounts of carbon within a short time-frame."

It's certainly an elegant solution – one that could help avert climate catastrophe and sow the seeds for a greener future. "Hopefully, our technology will buy the rest of the world some time to transition away from fossil fuels and to a cleaner economy," says Hudson. "While it is not going to solve climate change, we want to give humankind a fighting chance." Delle Chan

25%

Percentage of atmospheric carbon Soil Carbon Co's technology can potentially capture if it is applied to crops globally

ABSORBS
ATMOSPHERIC
CARBON VIA
PHOTOSYNTHESIS

4. DARK SEPTATE
ENDOPHYTES
CONVERT THE
CO2 INTO FUNGAL
MELANIN COMPOUNDS

5. THE FUNGAL
COMPOUNDS ARE
STORED IN THE
OXYGEN-FREE SOIL
ENVIRONMENT

THE
FUNGAL
FARM

Growing crops can also help capture and sequester atmospheric carbon – and all it takes is a few added microbes...