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Is "natural wine":

- ► Low intervention?
- ► Healthier?
- ► NATTY i.e. funky with spoilage elements?
- ► A purer expression?
- ➤ Tied to organic/ biodynamic/sustainable practices?
- Hippie airy foo-foo nonsense?





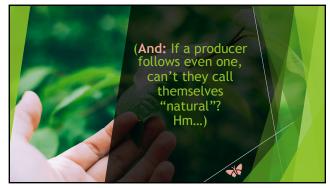
Л

It's generally accepted that "natural" wines involve:

- ▶ Organically/Biodynamically-farmed grapes
- ▶ Nothing added (i.e. yeast, wild only)
- ▶ Nothing modified/adjusted (i.e. acidity, RO)
- ▶ Unfined/unfiltered
- ▶ Very low or no sulfites added

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PS: I'm going to stop with the "natural" quotation marks now, you get where I was going with that

Regulations/official definitions:

- ▶ None universal!
- ► INAO unveiled "Vin Méthode Nature" late 2019>2020
 - ▶ Can't use "natural" after a yogurt labelling issue 😐
 - ▶ After decades of lobbying by the Syndicate for the Defense of Natural Wines At the end of 3-year trial period, but lots of controversy in EU parliament
- ► Hand harvested, certified organically-grown grapes, only indigenous yeast, all additions forbidden, no interventionist practices (RO, flash detente, etc.) No added sulphites, or only up to 30 mg/L. ← two logos, depending on which one

BUT how can you monitor hundreds of producers to confirm and ensure: No machine harvesters No inoculated yeasts (you can't tell organoleptically) No minor interventions Etc.



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Health claims: Natural wine is better for you, because: Less-severe hangovers You won't feel as dehydrated Improvement in gut health









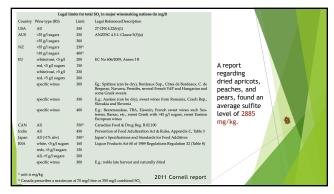
Master of Wine Amy Christine wrote: "There is research on the link between biogenic amines/histamine causing headaches

biogenic amines/histamine causing headaches and the ill effects of alcohol consumption. Sophie Parker-Thompson's Master of Wine research paper showed there is some evidence that adding SO2 DURING fermentation can reduce the level of biogenic amines, and therefore potentially the hangover effect. In other words, exactly the opposite of what natural wine producers espouse."













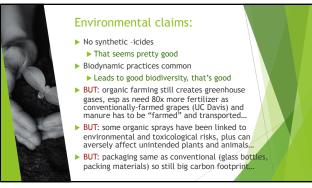








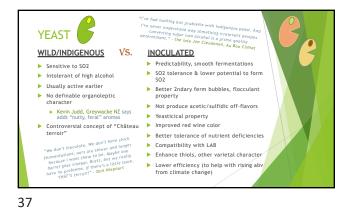














ADDING

Antioxidant (combines with 02 to reduce oxidizing capability)

Antioxidasic (anti-enzymatic; inhibits tyrosinase & laccase)

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Refresher (combines with acetaldehyde to form non-volatile compounds, boosting aroma/flavor)

Can bleach brownness from oxidation

Keeps bottle variation in check

Respond of structure and the st

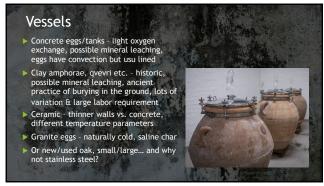
Fault/No fault Mousiness ▶ Brettanomyces bruxellensis / Fault caused by strains of oenococcus (maybe also brett) Detected as aftertaste, after few seconds' delay, as mouse droppings/urine (not volatile) Forms ethyl phenols Vary according to variety, temperature, oxygen availability, wine composition wine composition 4-ethyl phenol (4EP) plastic, barnyard Easily controlled by SO2 Prevented with good hygiene 4-ethyl guaiacol (4EG) medicinal, spicy, smoky, cloves, bacon Not possible to treat affected wines ► [LAB (lactic acid bacteria) can also contribute to geranium taint in presence of sorbic acid] Also reduces primary fruit flavor and intensity Quite tolerant of SO2 actually

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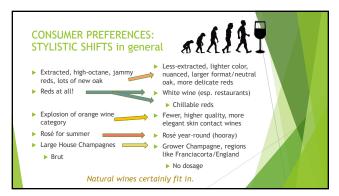
Stop grafting rootstocks?	Mala
	Wine is, to SOME
Stop training vines?	TAGEIL DV n-4
Stop managing cover crops?	extent, by nature a
Stop measuring Brix?	
Stop sorting?	So where the heck do
Stop crushing/destemming?	you draw the line???
Stop monitoring fermentation?	such thing as
Stop cooling?	Many say, no such that with natural wine, because with
Stop extended maturation?	natural wine, because ZERO intervention, vinegar!





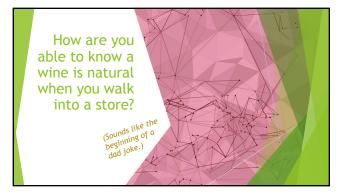














In spite of all the grey areas, maybe natural wine as an **insider**, **niche product** is fading...

...and low-intervention, terroir-reflective, thoughtful, less-manipulated winemaking is becoming more mainstream?

Don't forget its association with sustainable, environmentally friendly practices.

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