

**MJBiz**<sup>™</sup>

Science  
**SYMPOSIUM**



# The State of Cannabis Research: Developments and Opportunities Across the Scientific Landscape



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## Hop Latent Viroid



### **Complete Genome Sequence of Hop Latent Virus Infection Hop Plants**

Yeonhwa et al. 2015

### **Occurrence of Hop Latent Viroid in *Cannabis sativa* with Symptoms of Cannabis Stunting Disease in California**

Warren et al. 2019

## Table from Article:

Lab	Total THC	Difference vs. Napro
Napro	13.3%	N/A
A	13.6%	102%
B	15.1%	114%
C	16.3%	123%
D	18.7%	141%
E	19.8%	149%
F	20.4%	153%
G	21.1%	159%
H	22.7%	171%
I	25.0%	188%
J	25.1%	189%

## Arkansas Marijuana Companies Slapped With Racketeering Lawsuit

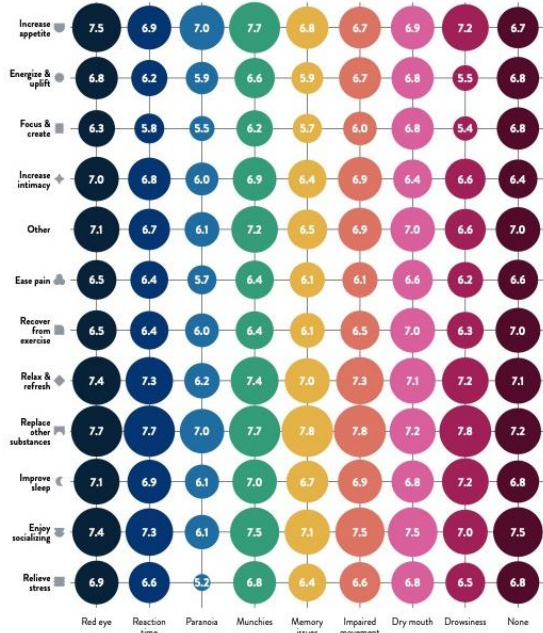
Forbes August 5, 2022



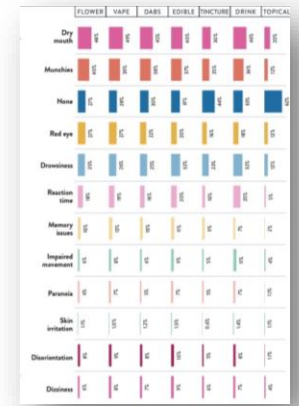
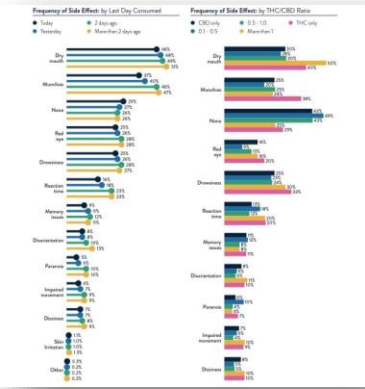
## Lawsuit Alleges Makers of Jeeter Prerolls Inflate THC Potency

MJBIZDaily October 25, 2022

Average Goal Score: by Side Effect



# GIGO GARBAGE IN GARBAGE OUT



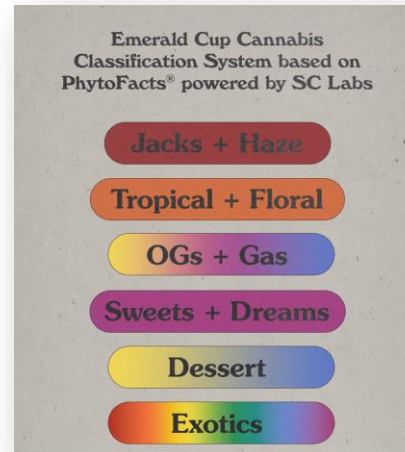


# The Nose Knows: Aroma, but Not THC Mediates the Subjective Effects of Smoked and Vaporized Cannabis Flower

Plumb et al. 2022 – In Press

“ Our analysis revealed that contrary to both market dynamics and consumer perception, neither THC potency nor THC dose had an impact on subjective appeal. In the context of naturalistic recreational enjoyment, some hemp-like chemovars and Type II chemovars were just as appealing as chemovars with 20% THC or more. ”

# The Largest Cannabis Competitions are Depending on Reliable Laboratories and New Ways to Classify and Visualize Aromas







# Thank you!



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