

What are Spice, K2, and Bonsai Fertilizer?

- Spice and K2 are the product names of substances that contain synthetic cannabinoids.
 - The products contain dried herbs that are laced with synthetic cannabinoids or synthetic cannabinoids-mimicking compounds, such as JWH-018 and HU-210.
 - The synthetic cannabinoid in the product is what produces the marijuana-like high when a user ingests the product.
 - They are legal substances that have been marketed since 2006 as a dried herbal blend for use as incense.
 - The substance is often referred to as ‘legal marijuana’ and has numerous street or slang names.
- Bonsai Fertilizer is a white powdery substance that is sold as fertilizer for bonsai trees and other plants.
 - Bonsai fertilizer with the synthetic cannabinoid is marketed to contain JWH-018.
 - It is unknown if all bonsai fertilizers contain the JWH-018 chemical. However, those that do contain JWH-018 clearly promote this aspect of the product.
 - The white powder is likely to be concentrated chemical JWH-018.



Bonsai Fertilizer marketed to contain JWH-018

Why is using Spice, K2 or Bonsai Fertilizer dangerous?

- The products often contain unknown toxic substances that can cause dangerous side effects.
 - There is no way for the user to really know what is in the product.
- JWH-018 was never intended for human consumption and no human tests have been conducted.
- Symptoms of using K2, Spice or bonsai fertilizer include:
 - dangerously elevated blood pressure and heart rate,
 - body tremors,
 - confusion,



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- headaches,
- agitation,
- panic attacks,
- and nausea.
- Users often report serious and frightening hallucinations, which are sometimes accompanied by panic attacks.
 - **EXAMPLE:** According to a report from a local adult probation officer, one probationer reported smoking Spice. After smoking it, the individual was in his car, when he had an irrational fear that his car was going to attack him, which caused him to pull over on a busy intersection and flee from his vehicle because of this fear.
- Users often report feeling as they are going to die.
 - Suicidal ideation is commonly reported among users.
- JWH-018 is four to five times more potent than tetrahydrocannabinol, more commonly known as THC, which is the main psychoactive substance in cannabis.
- Some users are ingesting the JWH-018 powder directly; they are not diffusing the chemical onto dried herbs or tobacco.
 - Ingesting the pure chemical causes very strong harmful reactions due to the extremely high potency. Again, when the pure chemical is ingested, there is no way for the user to actually know what they are putting in their body.

Places Prohibiting Synthetic Cannabinoids

- K2 has been banned in Britain, Germany, Poland, South Korea, Russia and France internationally.
- States that have prohibited synthetic cannabinoids or have pending legislation:
 - Alabama, Arkansas, Georgia, Hawaii, Illinois, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Tennessee, North Dakota, and Utah.
- Many municipalities across the country have enacted ordinances prohibiting synthetic cannabinoids. Some counties have also classified the synthetic cannabinoids as controlled substances through Pharmacy Board rulings, thereby prohibiting the substances.
- The City of Cody, WY passed an ordinance prohibiting synthetic cannabinoids on Tuesday, November 2, 2010.

