

Raisin and Grape Toxicity in Dogs

While dogs enjoy all kinds of fruits, it is very important to know which ones can cause very serious, even life threatening, side effects. One of those fruits is grapes of all kinds and the sun dried cousin, raisins. In large quantities they can even be lethal, causing the dog to develop acute renal failure with anuria (a lack of urine production).

Cause and pathology

The reason why some dogs develop renal failure following ingestion of grapes and raisins is not known. Types of grapes involved include both seedless and seeded, store bought and home grown, and grape pressings from wineries. A mycotoxin is suspected to be involved, but one has not been found in grapes or raisins ingested by affected dogs.

Symptoms and diagnosis

Vomiting and diarrhea are often the first symptoms of grape or raisin toxicity. They often develop within a few hours of ingestion. Pieces of grapes or raisins may be present in the vomit or stool. Further symptoms include weakness, not eating, increased drinking, and abdominal pain. Acute renal failure develops within 48 hours of ingestion

Immediate action

Induce vomiting and seek veterinary attention

Veterinary Care

General Treatment: The induction of vomiting may be continued, gastric lavage is performed, and activated charcoal administered, if needed.

Supportive Treatment: The animal will be monitored and treated for kidney disease/failure with fluids, diet change, and medications.

For a listing of other food types that can be toxic to our pets, as well as house and garden plants, click [TOXIC](#).