

Many foods contain purine molecules. Along with amino acids (which make up proteins) and other molecules, purines are a source of nitrogen for your body. When purines are processed they are broken down into uric acid so that the body can get rid of some of the nitrogen. In some people uric acid is not processed properly and the levels in the bloodstream can get too high. When this happens, the molecules can form small crystals that deposit in joints, causing a painful arthritis known as gout.

There are ingredients that are higher in purines that can cause a problem for people with gout. Limiting these ingredients is one key to helping prevent a flare-up of the arthritis.

There are other measures that can help prevent gout, including limiting the intake of alcohol. People who are overweight are at higher risk and weight loss is important in preventing gout flares. A heart healthy diet is valuable because higher fat diets can increase the retention of uric acid.

Legumes such as peas, peanuts, beans and soy products contain moderate levels of purines. These ingredients can be included in the diet carefully. The foods to completely remove from your diet are most organ meats (kidneys, liver, sweetbreads), game meats (such as venison), anchovies, sardines, herring, mackerel and scallops.

## Purine content of foods

<b>Food Group</b>	<b>Low Purine</b> (0-50 mg purines per 100 grams)	<b>Moderate Purine</b> (50-150 mg purines per 100 grams)	<b>High Purine</b> (150 - 825 mg purines per 100 grams)
	<b>Use freely</b>	<b>Use in moderation</b>	<b>Avoid if possible</b>
<b>Breads and Cereals</b>	Breads, noodles, cereals, rice, cornbread, polenta, grits	Limit to 2/3 cup uncooked per day: oatmeal  Limit to 1/4 cup uncooked per day: wheat bran, wheat germ	
<b>Fruit</b>	All fruits are OK including fruit juices: Fresh cherries, strawberries, blueberries, and other red-blue berries may be especially good for gout. Pineapple is high in bromelain and may be good for those with gout.		

<b>Vegetables</b>	Most vegetables	Limit to 1/2 cup serving of cooked per day: asparagus, cauliflower, spinach, mushrooms, green peas	
<b>Protein Foods</b> (As with any healthy diet, choose lean meats and poultry without the skin. Fish is a good choice. Cook proteins with little added fat.)	Eggs, nuts, peanut butter	Limit to 1 or 2 servings per day  Red meat (beef, pork, venison), poultry (3 ounces per serving)  Fish, shellfish (3 ounces per serving)  Dried peas, dried beans, dried lentils (1 cup cooked)	Organ meats like liver, kidney, heart, brains, sweetbreads  Game meats like goose, duck and partridge  Some fish are high in purines including anchovies, sardines, mackerel, herring, scallops, mussels
<b>Milk &amp; dairy products</b>	All (Choose low fat products)		
<b>Fats &amp; Oils</b> <b>Limit use of fats &amp; oils</b>	All (in moderation)		Gravies may have concentrations of meat essence and higher purine content.
<b>Soups</b>	Vegetable soups made from vegetable stocks	Meat soups and broths	Meat extracts; Yeast (as a supplement)
<b>Beverages</b>	Coffee, cereal beverages decaffeinated coffee. Drink water as your beverage of choice. Fruit juices are safe for those with gout.	Beer and other alcoholic beverages (limit to occasional intake of 1 drink)	Beer and other alcoholic beverages (some may have to eliminate from the diet completely)
<b>Misc.</b>	Sugar syrup, sweets, gelatin, soft drinks, tea.  Chocolate, custard, pudding  White sauce, salt, fresh and dried herbs, olives, pickles, relishes, vinegar, popcorn		Mincemeat