

WHY DOGS DON'T NEED GRAINS ADDED TO THEIR DIET Dogs (and all other carnivores) are more than capable of making their own glucose from other precursors (glycerol from the breakdown of fats, and amino acids from the breakdown of protein) and so don't need a source of carbohydrates in their diet, certainly not from plant sources (which they find difficult to break down). Something that's often forgotten is that liver contains stored carbohydrate in the form of glycogen, a branched polymer of glucose (up to 8% by weight), and muscle too contains some (1%), so that flesh-eaters do consume some in this way, in a form more suited to them.

"Provided the diet contains sufficient glucose precursors (amino acids and glycerol), the glucogenic capacity of the liver and kidneys is usually sufficient to meet the metabolic need of growing animals for glucose without inclusion of carbohydrates in the diet. (Brambila and Hill 1996; Chen et al 1980)"

Nutrient Requirements of Dogs (1985) "There is no known minimum dietary carbohydrate requirement for either the dog or the cat. Based on investigations in the dog and with other species it is likely that dogs and cats can be maintained without carbohydrates if the diet supplies enough fat or protein from which the metabolic requirement for glucose is derived."

The Waltham Book of Dog and Cat Nutrition 2nd Edition (1988) "Dogs experience digestive and metabolic limitations to high grain diets, which reflect their evolution on diets relatively low in soluble carbohydrates (Clarke et al 1990; Kronfeld 1973; Sprouse et al 1987; White et al 1993)."

FEED A SPECIES APPROPRIATE DIET

- High In Meat Protein
 - Low in Grains/Carbohydrates
 - Ideally Non or Minimally Processed
- None Made Diets
Raw Diet
Canned Foods
Kibble

More Reading;

www.dogaware.com

www.rawfeeding.com

www.b-naturals.com

Email group to join;

K9Nutrition@yahoogroups.com

Books;

See Spot Live Longer-Steve Brown and Beth Taylor

Raw Fed Dog- Carina Beth MacDonaLD

Raw Feeding-Sue Johnson

Ian Billinghamurst;

Grow Your Pup With Bones

Throw Your Dog A Bone