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(54) Title: COMPOSITION AND PROCESS FOR CONTROLLING GLUCOSE METABOLISM IN COMPANION ANIMALS BY DIETARY STARCH (57) Abstract A composition and process are provided for controlling postprandial glycemc and/or insulinemc response in companion animals such as dogs. The pet food composition includes a source of protein, a source of fat, and a source of carbohydrates from a grain source which excludes rice. Use of the preferred carbohydrate sources including a blend of corn and sorghum; a blend of corn, sorghum, and barley; a blend of corn, sorghum, and oats; and a blend of oats and barley tends to modulate the animal's glycemc and insulinemc responses after a meal. This effect is even more marked when the composition is fed to geriatric companion animals such as dogs.		