

Using Hilary's Blend® supplements to balance commercial raw foods that contain bone

All meats contain a lot more phosphorus than calcium. For example, ground beef has 15x more phosphorus than calcium. Organ meats are even more skewed, ie beef heart has 50x more phosphorus than calcium and beef liver has 80x more phosphorus than calcium. On the other hand, diets for dogs need to have a calcium to phosphorus ratio of 1-2 to 1, meaning they need to have 1-2 times *more* calcium than phosphorus. This means that calcium needs to be added separately to balance the high phosphorus in meats. The raw pet food companies tell owners that they're adding bone to their food to provide this calcium. However the form of calcium in bone is calcium phosphate, meaning bone doesn't just contain calcium, it also contains phosphorus. If you look at the calcium supplements sold in grocery stores for humans, they contain calcium carbonate or calcium citrate or calcium malate, ie calcium *without* phosphorus. Bone meal on the other hand is sold in garden centres as a phosphorus source for fertilizer. Bone is not a good source of calcium for pets or humans. But bone is cheap and it's heavy. Adding bone to meat is like adding gravel to meat - it has no nutritional value but it makes it heavier which means the price per pound is much cheaper. This is how raw food companies can produce foods that are so cheap relative to meat sold for human consumption. Hilary's Blend® supplements (and anyone else's supplements) are not going to fix this issue. I've sent more than a dozen commercial raw foods to an independent laboratory for analysis, and none of the products I've tested are safe for feeding, even though they all claimed to be complete and balanced.

If you're feeding a commercial raw food that contains bone, Hilary's Blend® supplement will not balance the food (no supplement will - these foods are not complete and balanced and cannot be balanced by adding supplements). If you're feeding your own raw food that you are making from fresh ingredients, Hilary's Blend® supplement can balance those raw recipes. The free online formulation software at <http://hilarysblend.ca> can be used to balance your own recipe.

Every food has a unique nutrient profile so every combination of foods (ie recipe) has a unique nutrient content. Dogs have 38 essential nutrients and cats have 40 essential nutrients. Hilary's Blend® supplement for dogs contains 22 essential vitamins and minerals to balance the nutrients in the foods making up a recipe. Similarly Hilary's Blend® for Cats supplement has 24 essential vitamins and minerals plus taurine to balance recipes for cats.

If you're interested in feeding properly balanced all raw food to your dog, you can use the Hilary's Blend free online software to formulate properly balanced recipes. These recipes will be balanced with Hilary's Blend® supplement which contains calcium carbonate as the source of calcium. The software will create recipes with the correct calcium to phosphorus ratio. This is important to avoid osteoporosis, bone demineralization, spontaneous bone fractures, skeletal defects during growth, bladder stones, hyperparathyroidism and other health complications.