

**Nutrient Supplements for Working, Running and Hunting Dogs.** ©L. Phillips Brown, D.V.M.  
<http://www.ighawaii.com/naturally/newsletter/lpns.html>

The pet food industry's governing council, **The Association of American Feed Control Officials (AAFCO)**, has established guidelines for when a pet food product can be labeled "complete and balanced." When any pet food meets the AAFCO guidelines they are allowed to make the claim. **The AAFCO guidelines are:** a pet food must contain each of the amounts shown on a single list of ingredients, which has been declared by AAFCO as the minimum requirement of any dog or cat. Thus any pet food company can claim "complete and balanced" if their food meets a standard based on set amounts of each ingredient they put into a food and not the actual requirements of the various animals, which will eat that food. The standard and associated claims are self-set and self-regulated by AAFCO (an association apparently working for the pet food industry). This could be equated to the human food industry being allowed to set a "standard" so a company could claim one daily serving of any food which contains just the amounts shown on the FDA's list "The Minimum Adult Daily Requirements" would provide all of us (athletes or accountants) "100% complete and balanced nutrition."

Please use a little logic when you think about the nutritional needs of your pets. **Don't assume that because a food is good for one member of an animal family that it will be good for all.**

## Protein

A reducing diet must contain adequate amounts of protein to prevent loss of lean body mass (muscle) while the animal is losing weight. A reducing diet for dogs should contain at least 25% crude protein on a dry matter basis; for cats, the diet should contain at least 35% crude protein on a dry matter basis.

## Fat

Fat is the most calorie dense nutrient; fat provides over twice as many calories per gram as carbohydrates or protein. The fat, then, is what needs to be decreased the most in weight reduction diets. It still is necessary for the pet to receive some fat. Fat-soluble vitamins (vitamins A, D, E, and K), essential fatty acids, and other fats are necessary for health. It is generally recommended that the fat content of weight reduction foods for dogs should equal 5-12% of the dry matter, and for cats it should be 7-14% of dry matter.

## Fiber

A reducing diet generally has increased fiber, which is an indigestible carbohydrate. High-fiber, low-fat diets allow a greater loss of body fat than simply feeding smaller amounts of a high-fat diet. Fiber stimulates chewing, increases the metabolic energy needed to digest the food, slows the rate of movement of food out of the stomach, helps to stabilize the blood glucose level, and improves the sensitivity of the body to insulin. As a result, some nutritionists feel it has a 'satiety effect' meaning the animal will feel 'full' for a longer period of time. Fiber may slightly decrease the digestibility of other nutrients in the diet. Many diet foods contain over 5% fiber on a dry matter basis. Some diets contain up to 12-30% fiber. Diets containing that quantity of fiber, however, can cause flatulence and will increase the quantity of feces produced.

## Ingredients and What they Mean

### **ANIMAL BY PRODUCT MEAL**

Consists of rendered animal tissue, which does not fit in any of the other categories. It cannot contain hoof, hide trimmings, extra hair, horn, stomach or rumen contents, manure or any foreign matter.

### **APPLES**

Excellent source of pectin-removes toxins, reduces the risk of heart disease, because it slows down absorption of sugar. This is beneficial for diabetic animals.

### **BARLEY**

At least 80% good quality barley; no more than 3% heat damaged kernels, 6 percent foreign material, 20% other grains or 10% wild oats.

### **BEEF TALLOW**

This is the very hard white fatty substance which is rock hard and looks like a bone. Most dogs have great difficulty in digesting this substance.

### **BEEF PULP**

Source of fiber. Beet pulp gently massages intestinal walls, removing the mucus and aids in bowel movement.

### **BREWERS RICE**

The small fragments of rice kernels that have been separated from larger kernels of milled rice.

### **BROWN RICE**

The unpolished rice left over after the kernels have been removed.

### **CANOLA OIL**

(Omega 3) an essential fatty acid that prevents flaky, dry and irritated skin.

### **CARROT**

A natural source of beta-carotene and vitamin A.

### **CHICKEN LIVER**

Organic meat, highly usable protein source containing vitamins A, K and Folate. It also contains minerals Phosphorus and potassium. Many Amino Acids are also found in Chicken Liver.

### **CRANBERRIES**

Aids in the prevention of bladder infection and cleans urinary tract. It also helps to prevent bacterial infection in kidneys.

### **CORN GLUTEN MEAL**

The by-product after the manufacturer of corn syrup or starch, which is the dried residue after the removal of the bran, germ, and starch.

### **DIGESTIVE ENZYME**

Vitally important in aiding dogs to digest protein, carbohydrate, fat, oils, and grains in the food. In addition the digestive enzyme is specially formulated to be applied to the food after it has been cooked so the enzyme does not lose its effectiveness during the cooking process. 98% of all dog food produced in the world does not contain digestive enzyme

### **EGG**

A great source of protein and contains all the amino acids for the growth of muscle.

### **FISH MEAL**

Clean, dried, and ground tissue of un-decomposed whole fish or fish cuttings which may or may not have the oil removed. It is also considered an excellent source for Omega 3 fatty acids.

### **FLAX**

Different proteins found in flax provide a high proportion base of unsaturated essential fatty acids and dietary fiber. *Flax is recognized for its potential in reducing the risk of some chronic diseases.* It provides a great benefit to oven-baked food as it resists oxidation ("spoiling" by going rancid) from the baking process and thereby improves product shelf life.

### **FLAX SEED OIL**

(Omega 6) an essential fatty acid needed for a lustrous coat and moisture in the skin cells.

### **GARLIC**

It is a natural antibiotic, an anti-fungal and has antiviral properties.

### **GRAIN**

**Whole wheat and selected parts of the wheat berry** are used as our base grain for **dog** foods. Wheat grains are not only more digestible than corn for dogs, it is one of most nutritionally balanced cereal grains. It is an easy-to-digest source of carbohydrates, fiber and energy. A combination of grains, like a combination of meat, is better than just one source, though. **Low quality fillers** like wood fiber, corncobs, peanut hulls, cottonseed, straw, soybeans, or citrus pulp **are not found in FRR products.**

### **GRAIN SORGHUM**

Sorghum is a member of the Grass family

### **GROUND CORN**

(also called Corn Meal or Corn Chop) - The entire corn kernel ground or chopped. It must contain no more than 4% foreign material

### **KELP**

Contains 30 different minerals and rich in vitamins. Also aids in proper metabolization of teeth, nails, skin and coat.

### **LACTOBACILLUS ACIDOPHILUS**

Also known as "friendly bacteria" Microorganisms that are the essential functions of the gastrointestinal tract. It protects the body against pathogenic or harmful foreign invaders and maintains a healthy immune system.

### **LECITHIN**

A vital ingredient in the metabolizing fatty acid for healthy skin and coat.

### **MEAT OR MEAT BASED**

Meat is the clean flesh of slaughtered cattle, swine, sheep or goats. The flesh can include striated skeletal muscle, tongue, diaphragm, heart or esophagus, overlying fat, and the portions of skin, sinew, nerves, and blood vessels normally found with that flesh. This is what some people would call on the hoof or "wet - state". This applies equal to all livestock whether it be Beef, Chicken, Lamb, etc.,,,. After processing these meats can loose up to 80% of their weight. Thus when looking at the ingredients list you might find it as number one but in truly reality after processing it will fall between 4, 5 or even 6 on a true ingredients list.

### **MEAT MEAL**

Rendered meal made from animal tissue. It cannot contain hair, hoof, blood, horn, hide trimmings, stomach or rumen (the first stomach) contents, or manure except for amounts that may not be avoided during processing. It cannot contain any added foreign matter and may not contain more than 14% indigestible materials. Indigestible crude protein in the meal cannot be more than 11%. Meals are also use after processing and give a more true actual weight on the list of ingredients for placement over whole meats or "wet - state" meats.

### **MEAT BY PRODUCT**

Clean parts of slaughtered animals, not including meat. These parts include lungs, kidneys, brain, spleen, liver, bone, blood, partially defatted low-temperature fatty tissue, stomach, and intestines freed of their contents. It does not include hair, teeth, hooves or horns. Only 14% may be indigestible residue and no more than 11% indigestible crude protein.

### **OATMEAL**

Is a heart smart food that is an excellent fiber source and is clinically proven to lower cholesterol

### **PEAS**

Contains high content of iron, thiamine, riboflavin, niacin, and fiber.

### **POTATO**

A highly palatable and digestible carbohydrate. Also it is one of the least allergic carbohydrates that can be used in dog food.

### **POULTRY BY PRODUCT**

Clean parts of slaughtered poultry, such as heart, lungs, liver, kidneys, feet, abdomen, intestines, and heads and must not contain feces or foreign matter except that which is unavoidable and then only in trace amounts.

### **POULTRY BY PRODUCT MEAL**

Made up of ground, rendered, and clean parts of slaughtered poultry, such as undeveloped eggs, necks, feet, and intestines. It does not contain feathers except those, which are unavoidable during processing.

### **PUMPKIN**

Pumpkin is a member of the squash family and has several health related things that it can be used for. If your pet has diarrhea you can give raw canned, uncooked, unsweetened pumpkin to help sooth the digestion track and help with minor digestive track issues.

### **VITAMINS & MINERALS**

FRR minerals are chelated, which means they are bonded to protein. Chelated minerals are more efficiently absorbed by the body. FRR products are preserved with a combination of mixed Tocopherols (Vitamin E) and Ascorbic Acid (Vitamin C). No harmful chemicals (such as BHA, BHT or Ethoxyquin) are added.

### **YUCCA SCHIDIGERA**

Helps to eliminate bad breath, body, and waste odor.

To learn more visit:

Dissecting the Dog Food Label <http://www.doberdogs.com/foodcht1.html>

KIBBLE INGREDIENTS <http://www.iei.net/~ebreedden/kibble.html>

## Dog Food Comparison Chart

Manufacturer	Formula	Top ingredients	%Crude Protein	%Crude Fat	%Crude Fiber	Other
Artemis	Adult Dog – Natural Fresh Mix	Chicken, Turkey, Chicken Meal, Turkey Meal, Brown Rice, Pearled Barley, Lamb Meal, Oatmeal, Chicken Fat	23	14	2.9	
Artemis	Adult-Natural 6 Mix	Chicken Meal, Turkey Meal Brown Rice, Brewers Rice, Lamb Meal, Oatmeal, Chicken fat	23	14	2.9	
BARF	Freeze Dried Patties	Beef, Lamb, Pork, Chicken, Finely Ground Beef, Lamb, Pork and Chicken Bones, Beef Liver, Whole Egg, Cultured Kefir, Broccoli, Celery, Spinach, Carrot, Ground Flax Seed, Bok Choy, Dried Alfalfa Leaf Powder, Beef Kidney, Beef Heart, Unbleached Beef Tripe, Apple, Pear, Grapefruit, Orange, Dried Kelp Powder, Garlic, Capsicum	36	35	4	Whole raw foods diet
Barking Bison		Bison meal, whole grain brown rice, oatmeal, sun cured alfalfa meal, sunflower, flaxseed meal, potassium chloride, kelp, garlic, apples, carrots	22	10	8	Probiotics, veggies, vitamins & minerals Wheat, yeast & soy free
Bil Jac	Select Dog	Fresh Chicken By-Products (Organ Meat Only), Fresh Chicken, Corn, Chicken By-Product Meal, Dried Beet Pulp (sugar removed), Fresh Chicken Liver, Brewers Dried Yeast, Cane Molasses, Eggs,	18	10	7	
Bil Jac	Puppy Food	Fresh Chicken, Fresh Chicken By-Products (Organ Meat Only), Corn, Chicken By-Product Meal, Dried Beet Pulp (sugar removed), Fresh Chicken Liver, Brewers Dried Yeast, Cane Molasses, Eggs	28	18	10	
C & P's Organix	Adult	Organic Chicken, Chicken Meal, Organic Peas, Organic Extruded Soybean Seeds, Organic Barley, Organic Brown Rice, Chicken Fat	28	15	10	No drugs, antibiotics or growth hormones, by products or fillers

California Natural	Adult-Lamb Meal & Rice	Lamb Meal, Ground Brown Rice, Ground White Rice, Sunflower Oil,	21.8	11	3.75	Recommended for allergies
Canidae	All Life Stages	Chicken meal, turkey meal, brown rice, white rice, lamb meal				made from Four human-grade meats (Chicken, Turkey, Lamb and Fish) and has 10 skin and coat conditioners as well as balanced Omega 6 & 3 fatty acids
Canidae	Platinum Senior					four human-grade meats (Chicken, Turkey, Lamb and Fish) and has 10 skin and coat conditioners as well as balanced Omega 6 & 3 fatty acids. Glucosamine and Chondroitin
Chicken Soup for Pet Lovers Soul	Puppy	Chicken, turkey, chicken meal, turkey meal	28	17	3	Also has duck, carrots, salmon, peas
Chicken Soup for Pet Lovers Soul	Adult	Chicken, Turkey, Chicken meal, turkey meal	24	14	3	Also has salmon, duck, carrots & peas, omega fatty acids
Chicken Soup for Pet Lovers Soul	Senior	Chicken, Turkey, Oatmeal, Whole Grain Brown Rice	22	12	3	Also has salmon, duck, carrots, peas, glucosamine & chondroitin
Diamond	Joint Care	Chicken by product, Whole grain ground corn, rice flour	31	20	3	Glucosamine & chondroitin
Diamond	Maintenance	Chicken by product, Whole grain brown rice, brewers rice	21	12	3	For active dogs
Diamond	Beef & Rice	Beef meal, brewers rice, wheat flour, chicken fat	25	15	3	For athletic dogs
Diamond	Premium Adult	Chicken by product meal, whole grain ground corn, wheat flour	26	18	3	For active, athletic dogs
Diamond	Professional	Chicken by product, whole grain ground corn, wheat flour	30	20	3	For canine athlete
Diamond	Lamb & Rice	Lamb meal, brewers rice, brown rice, rice flour, fish meal	23	14	3	
Diamond	Low Fat	Whole grain brown rice, chicken by product meal, whole grain ground corn, chicken fat	168	3		
Diamond	Senior 8+	Whole grain brown rice, chicken, chicken meal, egg, oatmeal	25	11	5	Antioxidants, glucosamine & chondroitin
Eagle Pack	Holistic Select	Chicken Meal, Ground Brown Rice, Whole Ground Barley, Fish Meal, Chicken (organic), Chicken Fat	24	15	10	Certified Organic Chicken, Dandelion, Amaranth, Sun-Cured Alfalfa, Apples, Peas and Carrots.
Eagle Pack	Reduced Fat	Ground Yellow Corn, Pork Meal, Brown Rice, Mixed Feed Oats, Dried Beet Pulp, Chicken Meal, Poultry Fat	19	10	9	
Eagle Pack	Holistic Select Lamb & Rice	Lamb Meal, Ground Brown Rice, Brewers Rice, Chicken Fat	22	15	10	

Eagle Pack	Power Pack	Chicken Meal, Ground Yellow Corn, Rice Flour, Pork Meal, Corn Germ Meal (Dry Milled), Dried Beet Pulp, Chicken Fat	30	20	10	for active adults as well as the active hunting/working dog and for dogs recovering from surgery or from a depleted condition.
Eagle Pack	Puppy Pack	Chicken Meal, Ground Yellow Corn, Rice Flour, Pork Meal, Corn Germ Meal (Dry Milled), Dried Beet Pulp, Poultry Fat	28	17	10	This formula contains Omega fatty acids and flaxseed for healthy skin and coat, and beet pulp – a superior source of dietary fiber.
Eukanuba	Puppy	Chicken, Chicken by product, corn meal, whole grain sorghum	29	18	4	For medium sized breeds 21 – 50 lbs at maturity
Eukanuba	Puppy Lamb & Rice	Lamb, Brewers Rice, Corn meal, Fish meal	27	15	4	
Eukanuba	Adult Maintenance	Chicken, Chicken by product meal, corn meal, grain sorghum	25	16	5	
Eukanuba	Adult Premium Performance	Chicken, Chicken by product, corn meal, brewers rice	30	20	4	
Eukanuba	Adult Lamb & Rice	Lamb, brewers rice, corn meal, fish meal	23	14	4	
Evolve	Senior Formula	Lamb, Brown Rice, Brewers Rice, Lamb Meal	18	8	5.5	Glucosamine, Bovine Cartilage, Veggies, Kelp, Eggs, Fish Oil
Evolve	Reduced Calorie	Lamb, Lamb Meal, Brown Rice	24	6	8	K cal/Cup 364, yogurt, cottage cheese, spinach
Evolve	Maintenance	Lamb, Chicken Meal, Brown Rice	24	8	6	Kcal/cup 351, yogurt, cheese, veggies, acidophilus,
Evolve	Puppy	Lamb, Chicken Meal, Ground White Rice	25	15	5.5	Egg, fish, yogurt, veggies, cottage cheese, acidophilus
Flint River		<i>Does not list specifics</i>				
IAMS	Chunks/Minichunks	Chicken by product, ground corn, rice flour, animal fat	26	15	5	
IAMS	Less Active	Ground corn, chicken by product, Rice Flour, Chicken Fat	22	12	5	Dogs who receive little exercise, are overweight or altered
IAMS	Natural Lamb & Rice	Lamb Meal, Rice Flour, Ground Corn, Ground Sorghum	22	12	5	
IAMS	Lamb & Rice Puppy	Lamb Meal, Rice Flour, Fish Meal, Ground Corn	26	14	5	
IAMS	Puppy	Chicken by product, Ground Corn, Rice Flour, Chicken Fat	28	17	4	

Innova	Adult	Turkey, Chicken, Chicken Meal, Ground Barley, Ground Brown Rice, Potatoes, White Rice, Chicken Fat, Apples, Carrots, Cottage Cheese, Sprouts, Eggs	24	14	3	557 Kcals/cup
Kosher Pets	Freeze Dried Patties	Beef muscle meat, ground beef bone, beef marrow, beef cartilage, beef liver, beef heart, beef kidney Vitamins & Minerals	69	16	9	ultimate in holistic pet nutrition and care, Clean, healthy, and fit are common synonyms for "kosher".
Natural Balance	Potato & Duck	Potato, Duck, Duck Meal	21	10	3	Omega 3 & 6 fatty acids
Natural Balance	Chicken, Duck & Lamb	Chicken, Brown Rice, Duck, Lamb Meal	23	13	3	Omega 3 & 6 fatty acids, veggies, no corn or soy
Natural Balance	Reduced Calorie	Brown Rice, Whole Chicken, Pearled Barley, Oatmeal, Chicken Meal, Potatoes, Oat Fiber, Duck, Lamb Meal, Carrots, Natural Flavor, Tomato Pomace, Canola Oil, Chicken Fat	16.5	10	6	
Natural Balance	Ultra Premium	Chicken, Brown Rice, Duck, Lamb Meal, Oatmeal, Pearled Barley, Potatoes, Chicken Fat	23	13	10	for all breeds and all life stages, This diet does not contain corn, soy, wheat, eggs, white rice, dairy, or sunflower oil.
Natural Balance	Vegetarian	Ground Brown Rice, Oatmeal, Pearled Barley, Potato Protein, Canola Oil, Carrots, Dicalcium Phosphate, Calcium Carbonate, Peas, Natural Vegetable Flavor,	18	10	8	special Allergy Formula, made specifically for dogs prone to meat-based protein allergies. No corn, wheat or soy.
Nature's Variety Prairie Brand	Canine Beef & Barley	Beef, Barley, Brown Rice, Oatmeal, Chicken Fat, Flaxseed, Menhaden Fish, Sun cured Alfalfa Meal, Montmorillonite, Flaxseed Oil, Freeze Dried Beef, Freeze Dried Beef Liver, Freeze Dried Salmon Oil, Sweet Potatoes, Cottage Cheese, Apples, Carrots, Peas, Whole Eggs, Kelp, Parsley, Artichoke, Inulin, Rosemary, Sage	24	14	10	All life stages
Natures Recipe	Adult Maintenance Lamb & Rice	Lamb meal, ground rice, ground whole wheat, cracked pearled barley, chicken fat	20	10	10	
Natures Recipe	Allergy/Vegetarian	Ground Rice, Soy Flour, Cracked Pearled Barley, Canola Oil, Dicalcium Phosphate, Calcium	18	10	8	a diet free of animal protein ingredients that can cause skin and coat problems in dietary-sensitive

		Carbonate, Sodium Chloride, Dehydrated Carrots				dogs
Natures Recipe	Allergy Venison & Rice	Venison meal, rice, cracked pearled barley, oats, pea protein, poultry fat	22	10	10	
Natures's Variety Prairie Brand	Canine Lamb & Rice	Lamb, Brown Rice, Barley, Oatmeal, Canola Oil, Flaxseed, Menhaden Fish, Suncured Alfalfa Meal, Montmorillonite, Flaxseed Oil, Freeze Dried Lamb, Freeze Dried Lamb Liver, Freeze Dried Salmon Oil, Sweet Potatoes, Apples, Carrots, Peas, Broccoli, Cabbage, Kale, Parsley, Blueberries, Cranberry, Kelp, Artichoke, Inulin, Rosemary, Sage, Clove,	24	14	10	All life stages
Newman's Own	Organic Adult Chicken	Chicken, Organic Barley, Organic Rice, Organic Milo, Organic Oats, Organic Ground Flax Seed, Chicken Meal, Organic Brown Rice, Chicken Fat	21	12	10	
Newman's Own	Organic Senior	Organic Barley, Organic Rice, Organic Milo, Organic Oats, Chicken, Organic Ground Flax Seed, Chicken Meal, Organic Brown Rice, Chicken Fat	18	10	8	
Nutro	Natural Choice Puppy	Lamb Meal, Rice Flour, Rice Bran	26	12	5	Lamb & Rice
Nutro	Natural Choice Ultra	Chicken Meal, Brown Rice, Ground Rice	26	12	4	Glucosamine, Probiotics, Chelated Minerals
Nutro	Natural Choice Ultra Weight Mgmt.	Brown Rice, Chicken Meal, Rice Bran	16	8 –10	4	Glucosamine, Probiotics, Chelated Minerals
Nutro	Natural Choice Puppy	Chicken Meal, Brown Rice, Rice Bran	30	15	4	Glucosamine & Chondroitin
Nutro	Natural Choice Lamb & Rice	Lamb Meal, Ground Rice, Rice Flour	21	12	5	Glucosamine & Chondroitin
Nutro	Natural Choice Lite	Rice Flour, Lamb Meal, Ground Rice	14	6 – 8	6.5	Glucosamine & Chondroitin
Nutro	Natural Choice Senior	Ground Rice, Chicken Meal, Rice Bran	20	10	4	Glucosamine & Chondroitin
Nutro	Natural Choice Chicken & Rice	Chicken Meal, Ground Rice, Rice Bran, Rice Flour	21	12	5	

Nutro	Natural Choice Dental Care	Lamb Meal, Ground Rice, Rice Flour, Rice Bran	21	12	8	Fights plaque & freshens breath w/clove & parsley
Nutro	Natural Choice High Energy	Chicken Meal, Ground Rice, Corn Gluten Meal, Poultry Fat	30	20	4	For active or working dogs, glucosamine & chondroitin
Nutro Max	Natural	Chicken Meal, Wheat Flour, Ground Whole Wheat	26	16	4	Chicken & Lamb, vitamins & minerals, kelp
Nutro Max	Weight Control	Wheat Flour, Ground Rice, Rice Bran, Chicken Meal	16	8 –10	4	Glucosamine
Nutro Max	Senior	Chicken meal, wheat flour, ground whole wheat, rice bran	22	10	4	
Nutro Max	Puppy	Chicken meal, corn gluten meal, wheat flour, poultry fat	28	17	4	
Old Mother Hubbard	Wellness Super5Mix	Deboned Chicken, Ground Barley, Oatmeal	22	12	3	Omega 3 & 6 fatty acids, fruits & veggies
Old Mother Hubbard	Wellness Super5Mix	Lamb, Lamb Meal, Whitefish, Ground Brown Rice	22	12	3	Hormone, steroid & antibiotic free
Old Mother Hubbard	Wellness	Whitefish, Ground Barley, Rye Flour	22	12	3	Fish & sweet potato, for dogs with allergies
Old Mother Hubbard	Wellness Super5Mix Senior	Deboned Chicken, Ground Barley, Rye Flour	17	8	5	Vitamin C, fruits & veggies
Old Mother Hubbard	Wellness Super5Mix Puppy	Deboned Chicken, Salmon Meal, Menhaden Fish Meal, Oatmeal	28	17	5	Veggies, fruits
Pedigree	Complete Nutrition	GROUND YELLOW CORN, MEAT AND BONE MEAL, CORN GLUTEN MEAL, CHICKEN BY-PRODUCT MEAL, ANIMAL FAT	21	12	9	
Pedigree	Digestive Care Lamb & Rice	GROUND YELLOW CORN, CHICKEN BY-PRODUCT MEAL, WHEAT, ANIMAL FAT, CORN GLUTEN MEAL, LAMB, RICE	22	12	12	
Pedigree	Healthy Start Puppy	GROUND YELLOW CORN, CHICKEN BY-PRODUCT MEAL, RICE, CORN GLUTEN MEAL, ANIMAL FAT	27	12	11	
PetGuard	LifeSpan Super Premium	Fresh Chicken, Chicken Meal, Ground Whole Brown Rice, Ground Whole Yellow Corn, Oatmeal, Chicken Fat Preserved with Vitamins C and E	24	15	12	essential fatty acids and dietary fiber. No artificial colors or ingredients
Pinnacle	Chicken & Oats	Chicken Meal, Chicken, Whole Oat Flour, Toasted Oats, Tomato Pomace, Fresh Potato, Chicken Fat	25	15	10	balanced with the proper amounts of proteins, fats, grains, vegetables, vitamins, minerals and probiotics

Pinnacle	Trout & Sweet Potato	Trout, Oatmeal, Toasted Oats, Herring Meal, Oat Flour, Canola Oil, Sweet Potato, Calcium Carbonate, Natural Flavorings, Flax Seed, Lecithin, Grapeseed Oil	22	10	10	
Pro Pac	Adult/Senior Chicken & Rice	Chicken Meal, Brewers Rice, Rice Bran	21	12	5	Glucosamine & Chondroitin
Pro Pac	Lamb & Rice	Lamb Meal, Brewers Rice, Rice Flour	25	12	3.5	
Pro Pac	High Performance	Chicken Meal, Ground Yellow Corn, Chicken Fat	30	20	4	For high stress, active or working dogs
Pro Pac	Performance Puppy	Chicken Meal, Ground Yellow Corn, Chicken Fat	30	20	4	
Pro Pac	Puppy Lamb & Rice	Lamb Meal, Brewers Rice, Chicken Meal	28	17	4	No corn, wheat or poultry by products
Pro Pac	Low Fat Rice & Chicken	Brewers Rice, Rice Bran, Chicken Meal	14	6 – 8	5	
Pro Plan	Puppy Chicken & Rice	Brewers Rice, Poultry by product, Corn gluten meal	28	18	3	
Pro Plan	Puppy Lamb & Rice	Lamb, Brewers Rice, Chicken meal, Corn gluten meal	28	18	3	
Pro Plan	Adult Chicken & Rice	Brewers Rice, Whole grain wheat, poultry by product	26	16	3	
Pro Plan	Adult Lamb & Rice	Lamb, Brewers Rice, Corn gluten meal, Whole grain wheat	26	16	3	
Pro Plan	Adult Beef & Rice	Beef, Brewers Rice, Corn gluten meal, whole grain wheat	26	16	3	
Pro Plan	Adult Performance	Chicken rice, chicken, corn gluten meal, brewers rice	30	20	3	
Pro Plan	Adult Extra Care	Turkey, Barley, brewers rice, beef tallow	26	16	3	
Pro Plan	Weight Management	Chicken, brewers rice, poultry by products, whole grain, corn	25	8	5.5	
Pro Plan	Sensitive Skin & Stomach	Salmon, brewers rice, canola meal, oatmeal	26	16	4	
Purina	Beneful	Ground yellow corn, chicken-by-product meal, corn gluten meal, whole wheat flour	25	14	10	dried peas & carrots, food colorings

Purina	Dog Chow	Ground yellow corn, poultry by-product meal, corn gluten meal, soybean meal, beef tallow, brewers rice,	21	12	10	
Purina	Dog Chow Lamb & Rice	Ground yellow corn, ground wheat, lamb meal, brewers rice, corn gluten meal, beef tallow	21	14	12	
Purina	Dog Chow Senior	Ground yellow corn, corn gluten meal, soybean meal, ground wheat, beef and bone meal, soybean hulls*, beef tallow	25	12	8	
Purina	Puppy Chow	Ground yellow corn, chicken by-product meal, corn gluten meal, brewers rice, soybean meal, beef tallow	27	12	12	
Purina	High Pro	Beef and bone meal, ground wheat, brewers rice, corn gluten meal, ground yellow corn, beef tallow	27	15	12	Active or stressed dogs
Purina	ONE Adult Beef & Rice	Beef, brewers rice, whole grain corn, corn gluten meal, poultry by-product meal, oat meal, beef tallow	26	16	12	
Purina	ONE Adult Lamb & Rice	Lamb, brewers rice, corn gluten meal, whole grain corn, oat meal, poultry by-product meal, beef tallow	26	16	12	
Purina	ONE Adult Weight Management	Turkey, brewers rice, corn gluten meal, poultry by-product meal, corn bran, whole grain corn, whole grain wheat, oat meal, natural flavors, beef tallow	25	12	12	
Purina	ONE Puppy Growth & Development	Lamb, brewers rice, corn gluten meal, poultry by-product meal, oat meal, whole grain corn, beef tallow	28	16	12	
Royal Canin	Adult	Chicken meal, brewers rice, ground yellow corn, chicken	25	12	2.5	Med breeds 21 –55 lbs
Royal Canin	Mature/Senior	Chicken meal, brewers rice, ground yellow corn, chicken	25	12	2.5	
Royal Canin	Puppy	Chicken meal, brewers rice, ground yellow corn, chicken fat	32	20	2.5	
Science Diet	Advanced Protection Canine Adult	Corn meal, chicken by-product meal, soybean meal, animal fat	21	13	6	sourced from ingredients like citrus fruits, carrots, spinach & tomatoes. It helps to defend your dog's body and brain from free radical damage, which is associated with aging

Science Diet	Advanced Protection Senior	Corn meal, chicken by-product meal, animal fat, brewers rice, soybean mill run, flaxseed, soybean meal,	16	12	7	
Science Diet	Canine Adult Maintenance w/Real Chicken	Chicken, corn meal, ground grain sorghum, ground wheat, chicken by-product meal, brewers rice, soybean meal, animal fat	20	12	10	with Real Chicken for adult dogs ages 1-6
Science Diet	Adult Active	Corn meal, chicken by-product meal (including white meat, dark meat, liver and other internal organs), animal fat	28	25	10	Ideal for sporting dogs and those who have trouble keeping weight on.
Science Diet	Adult Maintenance Beef & Rice	Beef, brewers rice, rice flour, corn meal, soybean meal, chicken by-product meal, ground grain sorghum, vegetable oil, animal fat	20	12	10	
Science Diet	Sensitive Skin	Brewers rice, corn gluten meal, chicken by-product meal, corn meal, animal fat	23	14	10	promotes healthy skin and coat in just 30 days!
Science Diet	Sensitive Stomach	Brewers rice, corn gluten meal, chicken by-product meal, corn meal, animal fat	21	12	10	reduce stomach upset with highly digestive carbohydrates and fiber that are gentle on the stomach
Science Diet	Puppy	Corn meal, chicken by-product meal (including white meat, dark meat, liver and other internal organs), soybean meal, animal fat	21	18	10	
Science Diet	Natures Best Puppy w/real Beef	Brewers rice, ground wheat, turkey meal, animal fat, corn gluten meal, soybean meal, dried beet pulp, beef, peas, carrots	25.5	16.5	10	
Science Diet	Natures Best Adult w/real Beef	Brewers rice, ground wheat, turkey meal, corn gluten meal, soybean meal, animal fat, beef, vegetable oil, peas, carrots	21.5	12.5	10	perfect choice for discriminating pet owners who prefer a natural product
Science Diet	Natures Best Adult w/real Chicken	Brewers rice, ground wheat, turkey meal, corn gluten meal, soybean meal, animal fat, chicken, vegetable oil, peas, carrots	21.5	12.5	10	contains real meat, real garden vegetables and wholesome grains. No artificial colorings.
Solid Gold	Holistique Blendz Adult Maintenance	Oatmeal, Rye, Menhaden Fish Meal, Potatoes, Salmon Oil, Sesame Oil, Almond Oil, Lentils, Dried Sea Vegetation, Green Tea, Garlic, Spearmint, Pumpkin Meal, Quinoa, Cranberry Meal, Apple Meal, vitamins & minerals	18	10	6	'vegetarian- plus' basis diet, to which additional raw (or cooked) meat or vegetables can be added.

Solid Gold	Hundchen Flocken Puppy	Lamb meal, ground millet, ground brown rice, canola oil, flaxseed oil, menhaden fish meal, ground barley, rice bran, amaranth, garlic, blueberries, yucca schidigera extract, vitamins & minerals	28	14	10	to meet the nutritional levels established by the AAFCO dog food nutrient profiles for growth of dogs.
Wysong	Anergen Canine/Feline Diet w/ Lamb & Rice	Lamb, Ground Brown Rice, Oat Groats, Rice Gluten, Ground Flax Seeds, Dried Yeast, Soybean Oil, Taurine, Yeast Culture, Lecithin, Natural Extractives of Cloves, Sage, and Rosemary, Dried Kelp, Garlic, Black Pepper, Artichoke, Dried Bacillus	24	12	12	for use in the nutritional management of adverse food reactions in dogs and cats. Contains no beef, poultry, beef by-products, dairy or wheat products.
Wysong	Canine Maintenance	Chicken, Ground Corn, Ground Wheat, Ground Brown Rice, Ground Oat Groats, Poultry Fat, Ground Extruded Whole Soybeans, Dried Whey, Salt	24	12	12	
Wysong	Growth Canine	Chicken, Ground Corn, Ground Wheat, Ground Brown Rice, Ground Extruded Whole Soybeans,	26	14	12	