

Golden Eagle Grain free Fresh Meat Range

A new thermal process to achieve truly meat based petfood

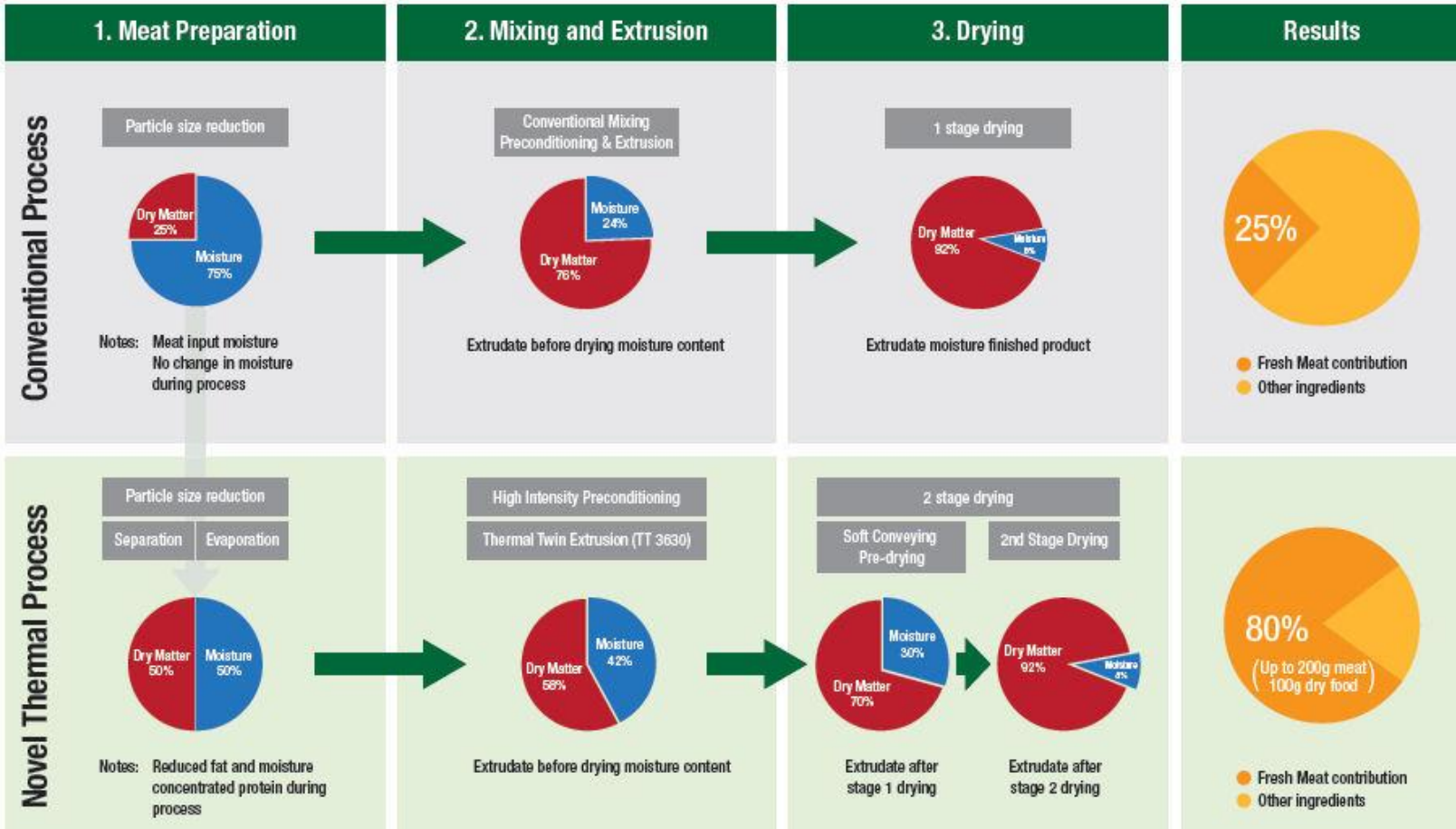
Earlier the inclusion of fresh meat was, until now, very limited, due to high moisture (water) contents in fresh meats. With moisture levels between 70-80%, limited the actual meat contents to less than 20% when compared to dry meat contents. This allowed marketers to claim high meat contents, when in reality, the true meat contents were very low.

It has taken over 4 years of planning, designing and inventing of new approaches and developpe equipment how fresh meats could be truly included in pet food manufacturing. The answer lies in centrifugal separation, low temperature evaporation, thermal twin extrusion and spezialized drying techniques, to elevate the total inclusion levels of fresh meat up to 200gms of fresh meat per 100 gms of dry meat, equivalent to an 80% fresh meat contribution on a total mixing bowl principle.



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The charts below describe the changes in moisture/dry matter of meat and meat plus dry ingredients in a conventional and novel centrifugal thermal process.



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Centrifugal thermal process

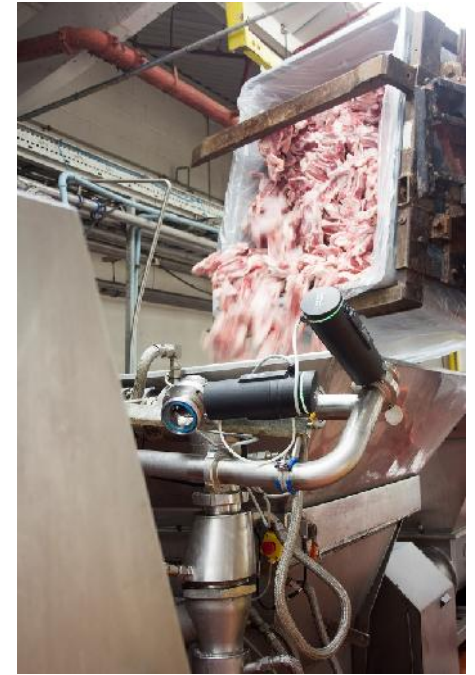


Centrifugal tanks, we call "The salad spinners".

- Fresh meat is added into 500 litre kettles.
- The contents are slowly heated up to 90 degrees to preserve all nutrients and simultaneously spinned (hence "The salad spinner" nick name).
- The meats are then tenderly cooked as meats are spinned.

The spinning and heating results:

1. The meats are being pushed to the sides of the kettle
2. Heat brings oils and fats to the surface, where they are removed and sprayed on the kibbles after extrusion. Oils and fats 100% pure.
3. Excess water can be removed.
4. Twin extrusion can be run at low temperature to form the kibble



Fresh meats placed into "The salad spinner"

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Ensuring the high quality

RAWMATERIALS

Rigorous ingredient selection – Raw materials are purchased only from the best suppliers. All ingredients are from EU, all meats from United Kingdom, assuring full traceability of every and each ingredient to originating farm. All ingredients are human grade standard or above. No chemicals, colorants or synthetic materials allowed, only all natural ingredients.

MANUFACTURE

Ingredient verification – Each ingredient delivery is given a unique batch identity number and bar code. Each batch is sampled and analyzed before allowed for production.

Pet food analysis – Analysis of cook level, density, moisture, oil, fat, protein, ash and fibre, all analyzed during cooking. Innovative microbiological and indirect analysis (NIR) ensures safety. Digestibility and nutrient analysis assured by Quality Control. Also size, shape and density of individual kibbles are checked to exacting standards. In total over 100 checks and tests are performed through the manufacturing cycle.

PACKAGING

Each packaging is manually checked before being filled. After packing, bags are run through metal detectors and Xray. Quality Control confirms weight, on-pack declarations, best-before-dates and batch numbers on each individual bag.

FINAL QC CHECKS

QC checks any direct and external laboratory requirements and once passed, products are palletized and loaded safely.

Golden Eagle Grain free Fresh Meat Range



- Products are cooked in small batches allowing total control.
- Rigorous controls at every stage of manufacture.
- In-house laboratory checks every incoming ingredient as well as each manufactured batch.
- Top-of-the-art technology and computer controlled manufacturing assures the high quality at every step of the process.





Unique eco-friendly facility

Ecology, bio-diversity and nature conservation – Production site represents the very best in earth friendly manufacture

All air and water is cleaned and recycled at the plant. **Habitat Creation & Management Plan** that provides major benefits in terms of additional planting, the creation of wetland areas and species rich grasslands to encourage nesting and foraging bird species. There is also an award-winning on site packaging recycling plant separating paper, cardboard and plastics – dramatically reducing landfill waste.



Golden Eagle Grain free Fresh Meat Range



HIGH LEVELS OF PROTEIN

High-quality fresh meats are the main ingredients in Golden Eagle Fresh Meat range, to help maintain lean muscle mass and provide vital nutrients like amino acids and essential minerals.

NO GRAINS

Golden Eagle fresh meat formula's do not contain grains. This strategy helps to maximize protein concentration while limiting carbohydrates making the foods also hypo-allergenic.

Special Attention For The Nutritional Profile for Skin and Coat.

Getting a good skin and coat is no big secret. It's just very expensive to do. You have to use more meat, higher quality sources of fats and oils, and high levels of vitamins and other nutrients. *Golden Eagle Holistic Health*® has a large investment in quality - we've made the commitment. Many pet food companies try to take shortcuts by using vegetable protein fillers and cheaper sources of fats and not adding nutraceuticals and supplements like pre- and probiotics, which are expensive.

EASY-TO-FEED ALTERNATIVE TO RAW FEEDING

High meat contents and no grains makes these diets an ideal alternative also for raw feeding. Our careful cooking process is designed to help preserve vitamins, minerals and other trace nutrients, often lost in industrial feeds.

Farm Formula 35/18 – Fresh Duck and Turkey - Grainfree



Golden Eagle Farm Formula is made of fresh Duck and Turkey, designed for adult dogs needing extra boost from High Protein contents of fresh meats. Our duck and turkey are free ranged in U.K. farms and are naturally preserved. The food is high in Omega-3 fatty acids from salmon oil, (specially DHA and EPA) for cardiovascular health and optimal eye and brain function, these high quality Omega-3's generate an incredible lush and shine to the dogs coat. The Golden Eagle Farm Formula is a hypo-allergenic diet, as it is grainfree and does not contain any ingredients blamed for allergic reactions and continues of our philosophy of Holistic Health, pure healthy nutrition. Protein 35%, Fat 18%, Fibre 3,5%, Moisture 8%

Composition: 41% Duck, 22% Turkey, Sweet Potato, Potato, Peas, Lentils, Dried Egg, Beet Pulp, Linseed, Lucerne, Duck Stock gravy, Coconut Oil, Salmon Oil, Minerals, Vitamins, Prebiotic, FOS, MOS, Probiotic, Apple, Carrot, Tomato, Yucca, Seaweed, Cranberry, Glucosamine, MSM, Chondroitin Sulphate, Peppermint, Thyme, Oregano, Sage, Marjoram, Basil, Parsley

- NO grains
- NO chicken, pork, lamb or beef, just duck and turkey
- NO dairy products
- NO added artificial colors, flavours or preservatives
- ALL natural and holistic
- WITH prebiotics (MOS)
- WITH beta-glucans (FOS)
- WITH probiotics (DFM) and added L'Carnitine for increased fat absorption
- Contains our special mix of BioHealth™ and Lactohealth™ nutraceuticals

Nutritional Additives per kg:

Vitamins: Vit A 26,440 IU, Vitamin D3 2,100 IU, Vit E 430 IU; Trace Elements: E1/Fe 160 mg, E2/I 1.57 mg, E4/Cu 57 mg, E5/Mn 105 mg, E6/Zn 133 mg, E8/Se 0.64 mg/kg; Amino Acids: L-Carnitine 480 mg

Omega-6 2,5%, Omega-3 1,2%

Wild Formula 34/17 – Fresh Venison, herring and rabbit - Grainfree

Golden Eagle Wild Formula is made of fresh Venison, Herring and Rabbit, designed for adult dogs needing extra boost from High Protein contents of fresh meats. Our Venison, herring and Rabbit come from U.K. and are naturally preserved. The food is high in Omega-3 fatty acids from salmon oil, (specially DHA and EPA) for cardiovascular health and optimal eye and brain function, these high quality Omega-3's together with high meat protein contents generate an incredible lush and shine to the dogs coat. Wild Formula is a hypo-allergenic diet, as it is grainfree and does not contain any ingredients blamed for allergic reactions and continues of our philosophy of Holistic Health, pure healthy nutrition.

Protein 34%, Fat 17%, Fibre 3,5 %, Moisture 8%

COMPOSITION: 27% Venison, 22% Dried Herring, Sweet Potato, 6% Rabbit, Potato, Peas, Lentils, Dried Egg, Beet Pulp, Salmon Oil, Linseed, Lucerne, Chicken Fat, Chicken Gravy, Coconut Oil, Minerals, Vitamins, Prebiotics, FOS, MOS, Probiotics, Apple, Carrot, Tomato, Yucca, Seaweed, Cranberry, Glucosamine, MSM, Chondroitin, Peppermint, Thyme,

- NO grains
- NO chicken, pork, lamb or beef, just venison, herring and rabbit
- NO added artificial colors, flavours or preservatives
- ALL natural and holistic
- WITH prebiotics (MOS) and beta-glucans (FOS)
- WITH probiotics (DFM) and added L'Carnitine

Contains our mix of BioHealth™ and Lactohealth™ nutraceuticals

Nutritional Additives per kg

Vitamins: Vit A 26,440 IU, Vitamin D3 2,100 IU, Vit E 430 IU; Trace Elements: E1/Fe 160 mg, E2/I 1.57 mg, E4/Cu 57 mg, E5/Mn 105 mg, E6/Zn 133 mg, E8/Se 0.64 mg/kg; Amino Acids: L-Carnitine 480 mg



Ocean Formula 33/16 – Fresh Salmon, herring and trout - Grainfree



Golden Eagle Ocean Formula is made of fresh Salmon, Trout and Herring, designed for dogs needing extra boost from High Protein contents of fresh fish for their coat or suffering from allergies. Our salmon, trout and herring come from clean and pure waters of the northern Atlantic and are naturally preserved. The food is very high in Omega-3 fatty acids, specially DHA and EPA for cardiovascular health and optimal eye and brain function, these high quality Omega-3's with high fish protein contents generate an incredible lush and shine to the dogs coat. Ocean Formula is a hypo-allergenic diet, as it is grainfree and does not contain any ingredients blamed for allergic reactions and continues of our philosophy of Holistic Health, pure healthy nutrition. Protein 33%, Fat 16%, Fibre 3,5%, Moisture 8%

Composition: 23% Salmon, 22% Herring, 20% Trout, Sweet Potato, Potato, Peas, Lentils, Beet Pulp, Dried Egg, Linseed, Lucerne, Salmon Stock, Coconut Oil, Minerals, Vitamins, Prebiotic, FOS, MOS, Probiotic, Apple, Carrot, Tomato, Yucca, Seaweed, Cranberry, Glucosamine, MSM, Chondroitin Sulphate, Peppermint, Thyme, Oregano, Sage, Marjoram, Basil, Parsley

-NO grains

- NO chicken, pork, beef, just salmon, herring and trout
- NO added artificial colors, flavours or preservatives
- ALL natural and holistic
- WITH prebiotics (MOS) and beta-glucans (FOS)
- WITH probiotics (DFM) and added L'Carnitine

Contains our mix of BioHealth™ and Lactohealth™ nutraceuticals

Nutritional Additives per kg:

Vitamins: Vit A 26,440 IU, Vitamin D3 2,100 IU, Vit E 430 IU; Trace Elements: E1/Fe 160 mg, E2/I 1.57 mg, E4/Cu 57 mg, E5/Mn 105 mg, E6/Zn 133 mg, E8/Se 0.64 mg/kg; Amino Acids: L-Carnitine 480 mg, Omega-6 2,8%, Omega-3 2,8%

Suggested Feeding amounts may vary according to the breed, activity, age, environmental conditions and by the dog's specific condition.

Adult body weight	Food per day	Adult body weight	Food per day
2	40	24	228
4	64	28	256
6	84	32	280
8	104	36	308
10	120	40	332
12	136	45	360
14	152	50	392
16	168	55	420
18	184	60	448
20	200	70	500
22	216	80	548
		90	596

Feed 1-2 times per day, making sure there is always fresh water available. 1 dl is approximately 50 gms

Technical analysis

		FARM Duck&Turkey	WILD Venison&Rabbit	OCEAN Salmon&Herring
Protein	%	35	34	33
Fat	%	18	17	16
Fibre	%	3,5	3,5	3,5
Ash max	%	9,5	9,5	9
Moisture	%	8	8	8
Linoleic (Omega 6)	%	2,5	2,8	2,8
Linolenic (Omega 3)	%	1,1	1,8	2,8
Vitamin A	IU/kg	26400	26400	26400
Vitamin D3	IU/kg	2000	2000	2000
Vitamin E	IU/kg	430	430	430
Vitamin B1	mg/kg	0,5	0,5	0,5
Vitamin B2	mg/kg	3,0	3,0	3,0
Vitamin B6	mg/kg	3,0	3,0	3,0
Vitamin B12	mcg/kg	38	38	38
Niacin	mg/kg	20	20	20
Pantothenate	mg/kg	4,5	4,5	4,5
Folic acid	mg/kg	1,0	1,0	1,0
Biotin	mcg/kg	150	150	150
L'Carnitine	mg/kg	480	480	480

		FARM Duck&Turkey	WILD Venison&Rabbit	OCEAN Salmon&Herring
Calcium	%	2,3	2,2	1,5
Phosphorus	%	1,3	1,5	1,3
Potassium	%	1,10	1,30	1,30
Sodium	%	0,23	0,28	0,32
Chloride	%	0,37	0,43	0,47
Magnesium	%	0,20	0,18	0,19
Zinc	mg/kg	63	63	63
Copper	mg/kg	20	20	20
Manganese	mg/kg	44	44	44
Iron	mg/kg	100	100	100
Selenium	mg/kg	0,35	0,35	0,35
Metabolic Energy	kCal/100g	367	355	363

Golden Eagle Petfood Co Ltd

www.goldeneaglepetfoods.com