

2018-2019
Vermont Feed Analysis Report



Vermont Agency of Agriculture, Food and Markets
Public Health & Agricultural Resource Management
116 State Street
Montpelier, VT 05620-2901

Dear Reader:

This annual report summarizes all feed sampling and analyses conducted by the Agency from January 1, 2018 through December 31, 2019. The report includes a summary total for each company from which a sample was collected. All samples are listed individually. During 2018, a total of 90 feed samples were collected and analyzed. For these samples, the Agency's laboratory conducted 471 chemical analyses for protein, fat and fiber and secondary nutrients such as calcium and salt. In 2019, 116 feed samples were collected and analyzed. For these samples, the Agency's laboratory conducted 366 chemical analyses for protein, fat, fiber and moisture and secondary nutrients such as calcium and salt as of January 17, 2020.

The purpose of the sampling and testing is to ensure that fertilizer consumers are receiving products that conform to the label guarantee for all nutrients. During 2018, 19 samples failed to meet the label guarantee for one or more nutrients. As of January 17, 2020, preliminary results show that 11 samples taken in 2019 failed to meet the label guarantee for one or more nutrients.

Penalties may be assessed to manufacturers for products that are deficient in protein, fat and or fiber. Violations are set at \$50 per each protein, fat or fiber deficiency found. The penalty can be increased for continual violations. All penalties are paid to the Agency.

Market inspections are conducted by Public Health & Agricultural Resource Management staff and Licensing and Registration staff throughout the year. Any products found that are not registered with the Agency are entered into the database as unregistered products. Letters are sent to manufacturers of unregistered products requesting registration. If products are not registered, a stop sale can be issued. In 2018, 33 companies were found to have unregistered feed products resulting in 327 product registrations. In 2019, 64 companies were found to have unregistered feed products resulting in the registration of 117 products.

If you have any questions regarding this report or Vermont's Feed Program, please contact the Public Health and Agriculture Resource Management Division; Vermont Agency of Agriculture, Food and Markets; 116 State Street; Montpelier, VT 05620-2901 or call (802) 828-5050.

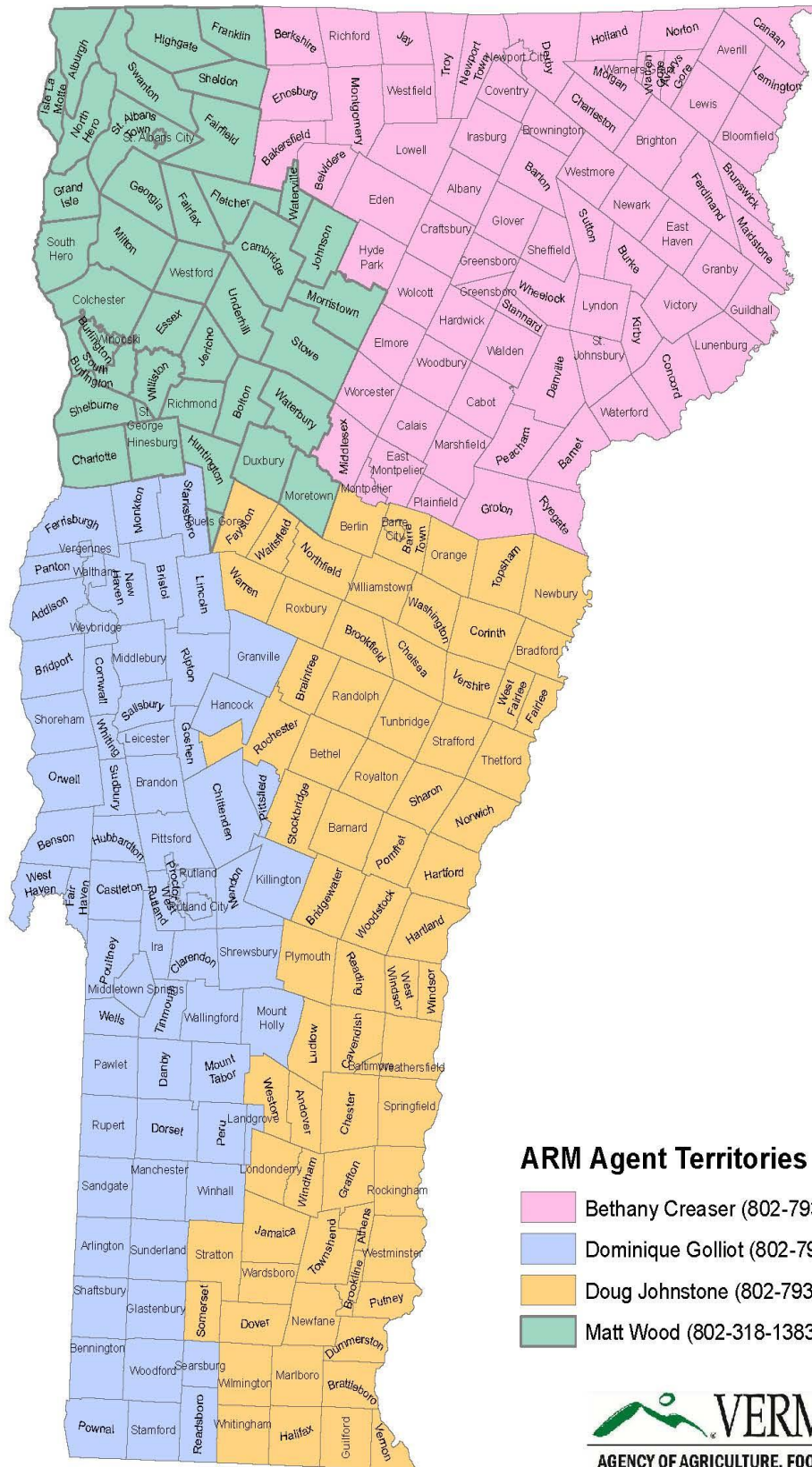
Sincerely,



Cary Giguere
Director

Feed Program Staff

Cary Giguere	Director
Linda Boccuzzo	Section Chief
Lisa Fantelli	ARM Specialist
Bethany Creaser	Field Agent
Dominique Golliot	Field Agent
Doug Johnstone	Field Agent
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2018 Feed Summary Table

Feed Companies with 5 or More Samples Taken

Company	Samples Collected	Nutrients Analyzed	# of Sample Violations
Green Mountain Feeds	5	27	1
Kent	28	143	4
Morrison's	13	79	3
Poulin	40	203	11
Total	86	452	19

A sample is deficient if the analysis of any component varies from the guarantee by an amount greater than the values set in Vermont Statute. The allowed variance is based on component tested and is not equal for all components.

2018 Feed Sample Results

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401801	Cargill, Inc		Protein=31.22; Fat=4.05	Fiber=6.18	Protein=30.64; Fat=4.61; Fiber=6.44	Within Tolerance
401802	Cargill, Inc		Protein=7.36; Fat=3.06	Fiber=2.19	Protein=7.17; Fat=3.51; Fiber=1.73	Within Tolerance
401803	Lacross Farm				Protein=7.09; Fat=1.37; Fiber=7.75; Ca=0.61; P=0.53; NaCl=1.19	Pass
401804	Lacross Farm				Protein=7.94; Fat=2.05; Fiber=7.30; Ca=0.38; P=0.44; NaCl=0.57	Pass
401805	Poulin Grain - Newport	Meat Goat Pellet Type C Medicated Feed	Protein=18.00; Fat=3.50; Ca=1.00; P=0.50; NaCl=0.75	Fiber=18.00; Ca=1.50; NaCl=1.25	Protein=17.58; Fat=3.97; Fiber=5.29; Ca=1.09; P=0.48; NaCl=0.91	Within Tolerance
401806	Poulin Grain - Newport	Stock NCA Sweet 16% (No Copper Added) For Dairy Beef Sheep and Goats	Protein=16.00; Fat=3.50; Ca=0.75; P=0.50; NaCl=0.50	Fiber=9.00; Ca=1.25; NaCl=1.00	Protein=16.51; Fat=4.52; Fiber=8.24; Ca=0.99; P=0.70; NaCl=0.99	Pass

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401807	Poulin Grain - Newport	Sweet Goat 18%	Protein=18.00; Fat=3.00; Ca=0.90; P=0.55; NaCl=0.80	Fiber=9.00; Ca=1.25; NaCl=0.90	Protein=18.08; Fat=3.52; Fiber=1.15; Ca=1.19; P=0.64; NaCl=0.95	Within Tolerance
401808	Poulin Grain - Newport	Sheep Complete Pellet	Protein=16.00; Fat=3.00; Ca=1.10; P=0.55; NaCl=0.45	Fiber=10.00; Ca=1.50; NaCl=0.55	Protein=16.42; Fat=3.87; Fiber=7.58; Ca=1.40; P=0.56; NaCl=0.65	Within Tolerance
401809	Poulin Grain - Newport	Rabbit 18% Growth Pellets Contains Yucca And MOS	Protein=18.00; Fat=3.00; Fiber=15.00; Ca=0.90; P=0.55; NaCl=0.40	Fiber=20.00; Ca=1.20; NaCl=0.75	Protein=18.24; Fat=3.14; Fiber=15.98; Ca=1.24; P=0.62; NaCl=0.51	Within Tolerance
401810	Poulin Grain - Newport	Rabbit 16% Maintenance Pellet Contains Yucca And MOS	Protein=16.00; Fat=3.00; Fiber=15.00; Ca=0.90; P=0.55; NaCl=0.40	Fiber=20.00; Ca=1.20; NaCl=0.75	Protein=16.65; Fat=3.04; Fiber=15.80; Ca=1.33; P=0.59; NaCl=0.58	Within Tolerance
401811	Poulin Grain - Newport	Golden Select Rolled Oats	Protein=11.00; Fat=3.00	Fiber=5.00	Protein=11.15; Fat=6.42; Fiber=6.08	Fail
401812	Poulin Grain - Newport	Fine Cracked Corn	Protein=7.00; Fat=3.00	Fiber=5.00	Protein=6.18; Fat=2.74; Fiber=1.83	Fail
401813	Poulin Grain - Newport	Decade Sprint Extreme (Premium Textured Horse Feed)	Protein=13.00; Fat=8.00; Ca=0.85; P=0.65	Fiber=10.00; Ca=1.15	Protein=13.04; Fat=7.64; Fiber=6.01; Ca=1.18; P=0.49	Fail

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401814	Poulin Grain - Newport	Decade Challenger 14:8 (Premium Horse Pellet)	Protein=14.00; Fat=8.00; Ca=0.85; P=0.65	Fiber=10.00; Ca=1.15	Protein=14.43; Fat=7.76; Fiber=8.30; Ca=1.00; P=0.70	Within Tolerance
401815	Poulin Grain - Newport	E-Tec One Super Premium Horse Pellet	Protein=14.00; Fat=8.00; Ca=0.95; P=0.65	Fiber=18.00; Ca=1.25	Protein=14.66; Fat=7.41; Fiber=16.28; Ca=1.15; P=0.67	Within Tolerance
401816	Poulin Grain - Newport	E-Tec Carb-Safe Soft Pellet Super Premium Horse Feed	Protein=11.00; Fat=6.00; Ca=0.75; P=0.50	Fiber=28.00; Ca=1.00	Protein=11.97; Fat=7.44; Fiber=22.10; Ca=1.01; P=0.59	Within Tolerance
401817	Poulin Grain - Newport	Transition Complete Pellet Contains Organic Trace Minerals	Protein=19.00; Fat=3.75; Ca=0.90; P=0.55	Fiber=5.00; Ca=1.20	Protein=19.81; Fat=3.94; Fiber=4.78; Ca=1.01; P=0.66	Pass
401818	Poulin Grain - Newport	E-Tec Senior Low Carb Super Premium Horse Pellet	Protein=14.00; Fat=10.00; Ca=0.95; P=0.65	Fiber=20.00; Ca=1.25	Protein=13.56; Fat=9.42; Fiber=17.74; Ca=1.02; P=0.62	Within Tolerance
401819	Poulin Grain - Newport	Egg Production Plus Crumble	Protein=18.00; Fat=4.00; Ca=3.40; P=0.60; NaCl=0.25	Fiber=6.00; Ca=4.40; NaCl=0.50	Protein=17.90; Fat=4.46; Fiber=5.65; Ca=3.50; P=0.60; NaCl=0.47	Within Tolerance
401820	Poulin Grain - Newport	Layer Crumbles	Protein=16.00; Fat=3.00; Ca=3.70; P=0.60; NaCl=0.30	Fiber=4.00; Ca=4.50; NaCl=0.50	Protein=15.53; Fat=3.28; Fiber=2.76; Ca=4.39; P=0.54; NaCl=0.52	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401821	Poulin Grain - Newport	Poultry Grower/Finisher Crumble	Protein=15.00; Fat=3.00; Ca=0.85; P=0.60; NaCl=0.30	Fiber=4.00; Ca=1.35; NaCl=0.50	Protein=14.16; Fat=3.72; Fiber=1.72; Ca=1.06; P=0.56; NaCl=0.30	Fail
401822	Kent Nutrition Group Inc	Blue Seal Hay Stretcher for Horses and Other Non-Ruminants	Protein=11.50; Fat=2.00; Ca=0.80; P=0.45	Fiber=20.00; Ca=1.30	Protein=15.33; Fat=2.85; Fiber=19.36; Ca=0.81; P=0.41	Within Tolerance
401823	Kent Nutrition Group Inc	Blue Seal Inspire Charger Textured Horse Feed	Protein=14.00; Fat=6.00; Ca=0.75; P=0.60	Fiber=11.00; Ca=1.25	Protein=16.49; Fat=5.58; Fiber=5.82; Ca=0.84; P=0.64	Within Tolerance
401824	Kent Nutrition Group Inc	Blue Seal Inspired Trotter Complete Pelleted Horse Feed	Protein=14.00; Fat=4.00; Ca=0.75; P=0.55	Fiber=20.00; Ca=1.25	Protein=16.60; Fat=4.69; Fiber=16.51; Ca=0.78; P=0.73	Pass
401825	Kent Nutrition Group Inc	Blue Seal Inspire Strider Pelleted Horse Feed	Protein=12.00; Fat=4.00; Ca=0.75; P=0.60	Fiber=11.00; Ca=1.25	Protein=14.11; Fat=4.10; Fiber=6.41; Ca=0.95; P=0.63	Pass
401826	Kent Nutrition Group Inc	Blue Seal Sentinel Senior Extruded Horse Feed	Protein=14.50; Fat=5.50; Ca=0.65; P=0.65	Fiber=16.00; Ca=1.15	Protein=17.57; Fat=7.07; Fiber=13.66; Ca=0.93; P=0.71	Pass
401827	Kent Nutrition Group Inc		Protein=16.00; Fat=3.00; Ca=0.40; P=0.50; NaCl=0.30	Fiber=3.70; Ca=0.90; NaCl=0.80	Protein=16.54; Fat=3.74; Fiber=2.85; Ca=0.62; P=0.50; NaCl=0.53	Pass

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401828	Kent Nutrition Group Inc	Blue Seal Hog Pellet	Protein=14.00; Fat=3.00; Ca=0.75; P=0.60; NaCl=0.20	Fiber=8.00; Ca=1.05; NaCl=0.70	Protein=17.06; Fat=3.88; Fiber=5.15; Ca=1.18; P=0.56; NaCl=0.57	Within Tolerance
401829	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Pellet	Protein=16.00; Fat=3.00; Ca=3.30; P=0.60; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70	Protein=16.12; Fat=3.43; Fiber=3.40; Ca=3.77; P=0.62; NaCl=0.65	Pass
401830	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Crumble	Protein=16.00; Fat=3.00; Ca=3.30; P=0.60; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70	Protein=16.46; Fat=3.76; Fiber=3.35; Ca=3.78; P=0.61; NaCl=0.94	Fail
401831	Kent Nutrition Group Inc	Blue Seal Backyard Basics Layer Pellet	Protein=16.00; Fat=2.70; Ca=3.30; P=0.60; NaCl=0.20	Fiber=6.00; Ca=4.30; NaCl=0.70	Protein=18.65; Fat=3.29; Fiber=4.86; Ca=3.84; P=0.59; NaCl=0.73	Within Tolerance
401832	Kent Nutrition Group Inc	Blue Seal Coarse Cracked Corn Premium	Protein=6.50; Fat=2.50	Fiber=5.00	Protein=9.17; Fat=5.59; Fiber=2.01	Pass
401833	Poulin Grain - Newport	Hi-Line 16% Dairy/Beef Pellet	Protein=16.00; Fat=3.00; Ca=0.90; P=0.65; NaCl=0.50	Fiber=10.00; Ca=1.20; NaCl=1.00	Protein=17.36; Fat=4.27; Fiber=9.21; Ca=0.76; P=0.81; NaCl=0.53	Fail
401834	Poulin Grain - Newport	Decade Endurance Sport 11:8 (Premium Horse Pellet)	Protein=11.00; Fat=8.00; Ca=0.85; P=0.65	Fiber=10.00; Ca=1.15	Protein=14.46; Fat=7.71; Fiber=9.07; Ca=1.15; P=0.74	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401835	Poulin Grain - Newport	Advance CHO 20% Dairy Pellet	Protein=20.00; Fat=3.00; Ca=0.90; P=0.55	Fiber=8.00; Ca=1.20	Protein=20.45; Fat=4.45; Fiber=7.70; Ca=0.86; P=0.73	Within Tolerance
401836	Poulin Grain - Newport	Opti-Heif RP Pelleted Heifer Feed Type C Medicated Feed	Protein=18.00; Fat=3.50; Ca=0.95; P=0.60	Fiber=7.00; Ca=1.20	Protein=18.69; Fat=3.73; Fiber=6.82; Ca=0.50; P=0.67	Fail
401837	Poulin Grain - Newport	Golden Select Whole Oats	Protein=11.00; Fat=3.00	Fiber=15.00	Protein=11.29; Fat=5.91; Fiber=6.52	Pass
401838	Poulin Grain - Newport	Equi-Pro Pro-Max 12 Pellet Features Omega 3	Protein=12.00; Fat=12.00; Ca=0.80; P=0.50	Fiber=12.00; Ca=1.10	Protein=14.08; Fat=11.67; Fiber=10.99; Ca=0.86; P=0.58	Within Tolerance
401839	Poulin Grain - Newport	Equi-Pro Premium Senior Premium Senior (Contains Glucosamine)	Protein=14.00; Fat=6.00; Ca=0.80; P=0.50	Fiber=18.00; Ca=1.00	Protein=15.07; Fat=6.13; Fiber=14.79; Ca=1.06; P=0.48	Within Tolerance
401840	Poulin Grain - Newport	E-Tec One Super Premium Horse Pellet	Protein=14.00; Fat=8.00; Ca=0.95; P=0.65	Fiber=18.00; Ca=1.25	Protein=14.81; Fat=8.10; Fiber=18.00; Ca=0.92; P=0.60	Within Tolerance
401841	Poulin Grain - Newport	Layer Pellets Contains MOS	Protein=16.00; Fat=3.00; Ca=3.70; P=0.60; NaCl=0.30	Fiber=4.00; Ca=4.50; NaCl=0.50	Protein=17.26; Fat=3.44; Fiber=4.09; Ca=3.51; P=0.54; NaCl=0.33	Within Tolerance
401842	Poulin Grain - Newport	Coarse Cracked Corn	Protein=7.00; Fat=3.00	Fiber=5.00	Protein=7.69; Fat=3.37; Fiber=1.54	Pass

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401843	Poulin Grain - Newport	Pig Grower Pellets with Yeast Culture	Protein=16.00; Fat=3.00; Ca=0.75; P=0.60; NaCl=0.25	Fiber=7.00; Ca=1.25; NaCl=0.50	Protein=16.58; Fat=3.35; Fiber=6.15; Ca=0.96; P=0.60; NaCl=0.24	Within Tolerance
401844	Poulin Grain - Newport	Scratch Feed	Protein=8.00; Fat=2.50	Fiber=5.00	Protein=8.24; Fat=4.05; Fiber=3.40	Pass
401845	Poulin Grain - Newport	Poultry Grower/Finisher Crumble	Protein=15.00; Fat=3.00; Ca=0.85; P=0.60; NaCl=0.30	Fiber=4.00; Ca=1.35; NaCl=0.50	Protein=15.37; Fat=3.50; Fiber=3.51; Ca=1.17; P=0.54; NaCl=0.29	Within Tolerance
401846	Green Mountain Feeds	Organic Calf Starter	Protein=20.00; Fat=4.50; Ca=0.75; P=0.50	Fiber=6.50; Ca=1.15	Protein=20.50; Fat=5.29; Fiber=5.10; Ca=0.80; P=0.52	Pass
401847	Green Mountain Feeds	Organic Pig Grower Pellets	Protein=16.00; Fat=2.75; Ca=0.80; P=0.55; NaCl=0.20	Fiber=5.50; Ca=1.05; NaCl=0.40	Protein=16.54; Fat=4.03; Fiber=4.12; Ca=0.96; P=0.55; NaCl=0.53	Fail
401848	Green Mountain Feeds	Organic Poultry Grower Pellets	Protein=17.00; Fat=4.50; Ca=0.80; P=0.55; NaCl=0.40	Fiber=5.50; Ca=1.05; NaCl=0.50	Protein=17.65; Fat=5.54; Fiber=3.67; Ca=0.99; P=0.57; NaCl=0.55	Within Tolerance
401849	Green Mountain Feeds	Organic Layer Pellets	Protein=17.00; Fat=4.00; Ca=3.85; P=0.55; NaCl=0.30	Fiber=5.50; Ca=4.60; NaCl=0.40	Protein=17.90; Fat=4.83; Fiber=4.71; Ca=3.99; P=0.57; NaCl=0.47	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401850	Green Mountain Feeds	Organic High Energy 16% Dairy Pellets	Protein=16.00; Fat=3.75; Ca=0.95; P=0.40	Fiber=5.50; Ca=1.35	Protein=15.88; Fat=3.89; Fiber=3.38; Ca=1.10; P=0.34	Within Tolerance
401851	Kent Nutrition Group Inc	Blue Seal Milk-Maker 16 (Pellets)	Protein=16.00; Fat=2.50; Ca=0.90; P=0.65	Fiber=10.00; Ca=1.40	Protein=16.40; Fat=3.85; Fiber=9.63; Ca=1.52; P=0.88	Within Tolerance
401852	Kent Nutrition Group Inc	Blue Seal Sentinel Performance LS Extruded Horse Feed	Protein=12.00; Fat=12.00; Ca=0.65; P=0.60	Fiber=20.00; Ca=1.15	Protein=12.65; Fat=11.25; Fiber=16.64; Ca=0.92; P=0.61	Within Tolerance
401853	Kent Nutrition Group Inc	Blue Seal Mane Menu 11% Textured Horse (Feed)	Protein=11.00; Fat=3.00; Ca=0.80; P=0.60; NaCl=1.00	Fiber=10.00; Ca=1.30; NaCl=1.50	Protein=13.37; Fat=3.27; Fiber=8.36; Ca=1.16; P=0.72; NaCl=1.21	Pass
401854	Kent Nutrition Group Inc	Blue Seal Sweet Crimped Oats	Protein=10.00; Fat=3.00	Fiber=12.00	Protein=10.46; Fat=4.69; Fiber=6.10	Pass
401855	Kent Nutrition Group Inc	Blue Seal Inspired Trotter Complete Pelleted Horse Feed	Protein=14.00; Fat=4.00; Ca=0.75; P=0.55	Fiber=20.00; Ca=1.25	Protein=14.93; Fat=4.25; Fiber=16.39; Ca=1.27; P=0.77	Within Tolerance
401856	Kent Nutrition Group Inc		Protein=16.00; Fat=3.00; Ca=0.40; P=0.50; NaCl=0.30	Fiber=3.70; Ca=0.90; NaCl=0.80	Protein=16.57; Fat=3.85; Fiber=2.88; Ca=0.84; P=0.46; NaCl=0.57	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401857	Kent Nutrition Group Inc	Blue Seal Sentinel Senior Extruded Horse Feed	Protein=14.50; Fat=5.50; Ca=0.65; P=0.65	Fiber=16.00; Ca=1.15	Protein=15.88; Fat=7.16; Fiber=12.95; Ca=1.01; P=0.64	Within Tolerance
401858	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Pellet	Protein=16.00; Fat=3.00; Ca=3.30; P=0.60; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70	Protein=15.72; Fat=3.76; Fiber=3.23; Ca=3.73; P=0.61; NaCl=0.67	Within Tolerance
401859	Kent Nutrition Group Inc	Blue Seal Coarse Cracked Corn Premium	Protein=6.50; Fat=2.50	Fiber=5.00	Protein=7.95; Fat=5.29; Fiber=4.37	Pass
401860	Kent Nutrition Group Inc	Blue Seal Backyard Basics All-Stock 14 Texturized	Protein=14.00; Fat=3.00; Ca=0.90; P=0.60; NaCl=0.75	Fiber=10.00; Ca=1.40; NaCl=1.25	Protein=14.93; Fat=3.84; Fiber=5.74; Ca=1.34; P=0.66; NaCl=0.71	Within Tolerance
401861	Kent Nutrition Group Inc	Blue Seal Hay Stretcher for Horses and Other Non-Ruminants	Protein=11.50; Fat=2.00; Ca=0.80; P=0.45	Fiber=20.00; Ca=1.30	Protein=12.31; Fat=2.72; Fiber=20.58; Ca=0.79; P=0.57	Within Tolerance
401862	Kent Nutrition Group Inc	Blue Seal Home Fresh Multi-Flock Chick N Game Starter/Grower Pellet #50	Protein=22.00; Fat=3.50; Ca=0.80; P=0.80; NaCl=0.25	Fiber=4.00; Ca=1.30; NaCl=0.75	Protein=21.91; Fat=4.07; Fiber=3.22; Ca=1.04; P=0.72; NaCl=0.49	Within Tolerance
401863	Kent Nutrition Group Inc	Blue Seal Home Fresh Multi-Flock Chick N Game Starter/Grower Crumble #50	Protein=22.00; Fat=3.50; Ca=0.80; P=0.80; NaCl=0.25	Fiber=4.00; Ca=1.30; NaCl=0.75	Protein=21.30; Fat=3.60; Fiber=2.75; Ca=0.89; P=0.65; NaCl=0.54	Fail

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401864	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Crumble	Protein=16.00; Fat=3.00; Ca=3.30; P=0.60; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70	Protein=17.63; Fat=3.82; Fiber=3.99; Ca=2.27; P=0.59; NaCl=0.96	Fail
1018001	Poulin Grain - Newport	Ultra 20% Dairy Pellet	Protein=20.00; Fat=4.05; Ca=1.02; P=0.80	Fiber=5.85; Ca=1.28	Protein=24.18; Fat=4.33; Fiber=5.14; Ca=1.09; P=0.67	Fail
1018002	Poulin Grain - Newport		Protein=18.10; Fat=8.31; Ca=2.78; P=0.40	Fiber=4.88; Ca=3.44	Protein=17.18; Fat=10.90; Fiber=4.56; Ca=3.18; P=0.39	Fail
1018003	Poulin Grain - Newport	Soybean Meal	Protein=38.15; Fat=2.61; Ca=0.57; P=0.87	Fiber=6.57; Ca=0.72	Protein=38.68; Fat=2.76; Fiber=9.28; Ca=0.63; P=0.76	Fail
1018004	Poulin Grain - Newport	Soybean Meal	Protein=46.56; Fat=1.71; Ca=0.42; P=0.57	Fiber=4.36; Ca=0.53	Protein=47.16; Fat=1.57; Fiber=3.93; Ca=0.44; P=0.60	Within Tolerance
1018005	Poulin Grain - Newport		Protein=22.67; Fat=6.01; Ca=1.05; P=0.51	Fiber=5.17; Ca=1.32	Protein=25.17; Fat=5.64; Fiber=3.32; Ca=0.85; P=0.55	Fail
1018005	Poulin Grain - Newport		Protein=30.72; Fat=4.79; Ca=1.20; P=0.66	Fiber=8.52; Ca=1.52	Protein=30.27; Fat=4.52; Fiber=8.77; Ca=1.29; P=0.68	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
1018006	Poulin Grain - Newport		Protein=23.16; Fat=4.91; Ca=1.36; P=0.49	Fiber=4.63; Ca=1.72	Protein=24.11; Fat=4.77; Fiber=3.96; Ca=1.75; P=0.53	Within Tolerance
1018008	Poulin Grain - Newport		Protein=28.03; Fat=7.69; Ca=1.95; P=0.65	Fiber=5.96; Ca=2.45	Protein=28.32; Fat=8.66; Fiber=5.91; Ca=1.83; P=0.71	Within Tolerance
1018008	Poulin Grain - Newport		Protein=21.63; Fat=6.25; Ca=2.26; P=0.66	Fiber=6.07; Ca=2.76	Protein=20.60; Fat=7.53; Fiber=5.74; Ca=3.04; P=0.67	Fail
1018010	Poulin Grain - Newport		Protein=20.85; Fat=4.57; Ca=0.99; P=0.58	Fiber=6.27; Ca=1.25	Protein=20.36; Fat=4.21; Fiber=6.33; Ca=1.04; P=0.58	Within Tolerance
401865	Morrison's Custom Feeds Inc	Organic Layer Pellets	Protein=17.00; Fat=3.00; Ca=3.60; P=0.35; NaCl=0.20; Na=0.10	Fiber=6.00; Ca=4.60; NaCl=0.40; Na=0.30	Protein=19.20; Fat=3.91; Fiber=3.47; Ca=4.24; P=0.70; NaCl=0.57; Na=0.22	Fail
401866	Morrison's Custom Feeds Inc	Organic 16% Dairy	Protein=16.00; Fat=3.00; Ca=0.60; P=0.30; NaCl=0.80	Fiber=7.00; Ca=1.10; NaCl=1.30	Protein=18.75; Fat=3.50; Fiber=3.72; Ca=1.10; P=0.46; NaCl=2.34	Fail
401867	Morrison's Custom Feeds Inc	Caledonia 16% Dairy	Protein=16.00; Fat=3.00; Ca=0.80; P=0.35; NaCl=0.75	Fiber=7.00; Ca=1.10; NaCl=1.25	Protein=16.98; Fat=4.18; Fiber=4.94; Ca=0.86; P=0.62; NaCl=1.31	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401868	Morrison's Custom Feeds Inc	16% Layer Feed	Protein=16.00; Fat=2.00; Ca=3.30; P=0.35; NaCl=0.20	Fiber=6.00; Ca=4.50; NaCl=0.50	Protein=18.57; Fat=3.05; Fiber=2.81; Ca=3.59; P=0.77; NaCl=0.51	Within Tolerance
401869	Morrison's Custom Feeds Inc	16% Soy-Free Organic Layer Pellets	Protein=16.00; Fat=3.00; Ca=3.50; P=0.40; NaCl=0.20	Fiber=7.00; Ca=4.50; NaCl=0.50	Protein=17.47; Fat=5.30; Fiber=6.25; Ca=3.38; P=0.67; NaCl=0.49	Within Tolerance
401870	Morrison's Custom Feeds Inc	Swine Grower	Protein=16.00; Fat=2.50; Ca=0.60; P=0.30; NaCl=0.25	Fiber=6.00; Ca=1.40; NaCl=0.75	Protein=17.08; Fat=4.60; Fiber=2.99; Ca=0.99; P=0.70; NaCl=0.66	Pass
401871	Morrison's Custom Feeds Inc	Grafton Calf Starter Medicated	Protein=23.00; Fat=2.50; Ca=0.50; P=0.30; NaCl=1.15	Fiber=6.50; Ca=1.00; NaCl=1.65	Protein=25.86; Fat=3.68; Fiber=5.89; Ca=0.84; P=0.70; NaCl=1.49	Pass
401872	Morrison's Custom Feeds Inc	Poultry Grower	Protein=18.00; Fat=2.50; Ca=0.50; P=0.35; NaCl=0.10; Na=0.10	Fiber=6.00; Ca=1.30; NaCl=0.30; Na=0.30	Protein=20.84; Fat=2.77; Fiber=2.07; Ca=0.96; P=0.56; NaCl=0.51; Na=0.20	Fail
401873	Morrison's Custom Feeds Inc	Organic Scratch Grain	Protein=7.00; Fat=2.00	Fiber=8.00	Protein=8.64; Fat=2.94; Fiber=2.18	Pass

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401874	Morrison's Custom Feeds Inc	Organic Poultry Grower	Protein=18.00; Fat=3.50; Ca=0.50; P=0.35; NaCl=0.10; Na=0.10	Fiber=6.00; Ca=1.50; NaCl=0.30; Na=0.30	Protein=20.04; Fat=3.77; Fiber=3.07; Ca=1.05; P=0.56; NaCl=0.34; Na=0.14	Within Tolerance
401875	Morrison's Custom Feeds Inc	Organic Rabbit Pellet	Protein=5.50; Fat=0.20; Ca=1.00; P=0.40; NaCl=0.35	Fiber=22.00; Ca=2.00; NaCl=0.75	Protein=18.35; Fat=4.19; Fiber=17.59; Ca=1.70; P=0.59; NaCl=0.70	Pass
401876	Morrison's Custom Feeds Inc	Organic Swine Grower	Protein=15.00; Fat=2.50; Ca=0.50; P=0.30; NaCl=0.25	Fiber=6.00; Ca=1.50; NaCl=0.75	Protein=16.65; Fat=4.02; Fiber=3.60; Ca=0.79; P=0.58; NaCl=0.62	Pass
401877	Morrison's Custom Feeds Inc	Organic Poultry Starter/Turkey Grower	Protein=21.00; Fat=4.00; Ca=0.60; P=0.35; NaCl=0.10; Na=0.10	Fiber=6.00; Ca=1.60; NaCl=0.30; Na=0.30	Protein=23.91; Fat=5.02; Fiber=3.83; Ca=0.85; P=0.62; NaCl=0.37; Na=0.14	Within Tolerance
401878	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Crumble	Protein=16.00; Fat=3.00; Ca=3.30; P=0.60; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70	Protein=15.47; Fat=3.18; Fiber=3.76; Ca=4.50; P=0.52; NaCl=0.61	Fail
401879	Kent Nutrition Group Inc	Coarse Cracked Corn	Protein=6.50; Fat=2.50	Fiber=5.00	Protein=8.15; Fat=5.74; Fiber=2.26	Pass
401880	Kent Nutrition Group Inc		Protein=6.50; Fat=3.00	Fiber=12.00	Protein=7.38; Fat=3.26; Fiber=1.98	Pass

2019 Preliminary Feed Sample Results

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401901	Poulin Grain - Newport	Lamb N' Kids Starter Pellet Type C Medicated Feed	Protein=18.00; Fat=3.00; Ca=1.10; P=0.55; NaCl=0.45	Fiber=8.00; Ca=1.40; NaCl=0.55	Protein=19.56; Fat=3.27; Fiber=7.29; Ca=1.16; P=0.59; NaCl=0.37	Within Tolerance
401902	Poulin Grain - Newport	Meat Goat Pellet Type C Medicated Feed	Protein=18.00; Fat=3.50; Ca=1.00; P=0.50; NaCl=0.75	Fiber=18.00; Ca=1.50; NaCl=1.25	Protein=18.53; Fat=4.21; Fiber=10.04; Ca=0.90; P=0.47; NaCl=0.84	Within Tolerance
401903	Poulin Grain - Newport	Sweet Goat 18%	Protein=18.00; Fat=3.00; Ca=0.90; P=0.55; NaCl=0.80	Fiber=9.00; Ca=1.25; NaCl=0.90	Protein=20.79; Fat=3.80; Fiber=5.76; Ca=1.03; P=0.63; NaCl=0.85	Pass
401904	Poulin Grain - Newport	Sheep Complete Pellet	Protein=16.00; Fat=3.00; Ca=1.10; P=0.55; NaCl=0.45	Fiber=10.00; Ca=1.50; NaCl=0.55	Protein=17.79; Fat=4.27; Fiber=8.13; Ca=1.04; P=0.67; NaCl=0.46	Within Tolerance
401905	Poulin Grain - Newport	Decade Challenger 14:8 (Premium Horse Pellet)	Protein=14.00; Fat=8.00; Ca=0.85; P=0.65	Fiber=10.00; Ca=1.15	Protein=14.83; Fat=9.30; Fiber=8.13; Ca=0.86; P=0.62	Within Tolerance
401906	Poulin Grain - Newport	Equi-Pro East Coast Race Formula Super Premium Textured Horse Feed	Protein=13.00; Fat=8.00; Ca=0.95; P=0.63	Fiber=12.00; Ca=1.25	Protein=15.75; Fat=7.89; Fiber=5.86; Ca=1.06; P=0.67	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401907	Poulin Grain - Newport	Decade Sprint Extreme (Premium Textured Horse Feed)	Protein=13.00; Fat=8.00; Ca=0.85; P=0.65	Fiber=10.00; Ca=1.15	Protein=14.86; Fat=7.67; Fiber=7.02; Ca=0.94; P=0.61	Within Tolerance
401908	Poulin Grain - Newport	Decade Endurance Sport 11:8 (Premium Horse Pellet)	Protein=11.00; Fat=8.00; Ca=0.85; P=0.65	Fiber=10.00; Ca=1.15	Protein=14.39; Fat=7.53; Fiber=6.87; Ca=1.03; P=0.70	Within Tolerance
401909	Poulin Grain - Newport	Coarse Cracked Corn	Protein=7.00; Fat=3.00	Fiber=5.00	Protein=7.70; Fat=4.54; Fiber=1.26	Pass
401910	Poulin Grain - Newport	E-Tec One Super Premium Horse Pellet	Protein=14.00; Fat=8.00; Ca=0.95; P=0.65	Fiber=18.00; Ca=1.25	Protein=15.90; Fat=9.59; Fiber=14.40; Ca=1.08; P=0.59	Within Tolerance
401911	Poulin Grain - Newport	Pig Starter Crumblets With Yeast Culture Acidifiers & Mos	Protein=19.00; Fat=3.00; Ca=0.85; P=0.60; NaCl=0.40	Fiber=5.00; Ca=1.25; NaCl=0.60	Protein=21.30; Fat=3.26; Fiber=3.90; Ca=1.26; P=0.67; NaCl=0.33	Within Tolerance
401912	Poulin Grain - Newport	Forage Extender Pellet Super Bites	Protein=12.00; Fat=2.00; Fiber=24.00; Ca=0.70; P=0.30	Fiber=28.00; Ca=0.90	Protein=16.17; Fat=4.42; Fiber=21.04; Ca=0.73; P=0.38	Fail
401913	Poulin Grain - Newport	E-Tec Balancer Pellet Super Premium Horse Feed	Protein=24.00; Fat=3.00; Ca=3.00; P=1.70	Fiber=11.00; Ca=3.50	Protein=25.38; Fat=4.29; Fiber=9.28; Ca=3.17; P=1.78	Pass
401914	Poulin Grain - Newport	Chick Starter Crumbles Features MOS	Protein=20.00; Fat=3.00; Ca=0.90; P=0.60; NaCl=0.30	Fiber=5.00; Ca=1.20; NaCl=0.50	Protein=20.84; Fat=3.35; Fiber=3.52; Ca=0.73; P=0.55; NaCl=0.34	Fail

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401915	Poulin Grain - Newport	Quik Grow Broiler Crumbles Features MOS And Omega 3	Protein=20.00; Fat=3.00; Ca=0.95; P=0.60; NaCl=0.30	Fiber=5.00; Ca=1.20; NaCl=0.50	Protein=21.26; Fat=4.00; Fiber=2.84; Ca=1.01; P=0.57; NaCl=0.26	Within Tolerance
401916	Poulin Grain - Newport	Poultry Grower/Finisher Crumble	Protein=15.00; Fat=3.00; Ca=0.85; P=0.60; NaCl=0.30	Fiber=4.00; Ca=1.35; NaCl=0.50	Protein=16.83; Fat=4.47; Fiber=3.46; Ca=0.98; P=0.55; NaCl=0.31	Within Tolerance
401917	Morrison's Custom Feeds Inc	Organic Layer Pellets	Protein=17.00; Fat=3.00; Ca=3.60; P=0.35; NaCl=0.20; Na=0.10	Fiber=6.00; Ca=4.60; NaCl=0.40; Na=0.30	Protein=18.95; Fat=2.93; Fiber=3.03; Ca=3.81; P=0.52; NaCl=0.43; Na=0.17	Within Tolerance
401918	Morrison's Custom Feeds Inc	Organic 16% Dairy	Protein=16.00; Fat=3.00; Ca=0.60; P=0.30; NaCl=0.80	Fiber=9.00; Ca=1.50; NaCl=1.50	Protein=16.22; Fat=4.04; Fiber=5.68; Ca=1.15; P=0.41; NaCl=2.01	Fail
401919	Morrison's Custom Feeds Inc	Caledonia 16% Dairy	Protein=16.00; Fat=3.00; Ca=0.80; P=0.35; NaCl=0.75	Fiber=7.00; Ca=1.10; NaCl=1.25	Protein=17.77; Fat=4.39; Fiber=4.96; Ca=0.70; P=0.53; NaCl=0.97	Within Tolerance
401920	Morrison's Custom Feeds Inc	16% Layer Feed	Protein=16.00; Fat=2.00; Ca=3.30; P=0.35; NaCl=0.20	Fiber=6.00; Ca=4.50; NaCl=0.50	Protein=17.67; Fat=4.13; Fiber=2.82; Ca=3.65; P=0.63; NaCl=0.51	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401921	Morrison's Custom Feeds Inc	Swine Grower	Protein=16.00; Fat=2.50; Ca=0.60; P=0.30; NaCl=0.25	Fiber=6.00; Ca=1.40; NaCl=0.75	Protein=16.50; Fat=5.38; Fiber=3.00; Ca=0.70; P=0.47; NaCl=0.64	Pass
401922	Morrison's Custom Feeds Inc	Organic Alfalfa Pellets	Protein=15.00; Fat=1.70	Fiber=30.00	Protein=17.29; Fat=1.95; Fiber=34.51	Fail
401923	Kent Nutrition Group Inc	Blue Seal Coarse Cracked Corn Premium	Protein=6.50; Fat=2.50	Fiber=5.00	Protein=8.90; Fat=5.26; Fiber=1.84	Pass
401924	Morrison's Custom Feeds Inc	Whole Corn	Protein=6.00; Fat=1.00	Fiber=4.00	Protein=7.96; Fat=3.28; Fiber=1.59	Pass
401925	Morrison's Custom Feeds Inc	Organic Rabbit Pellet	Protein=15.50; Fat=2.00; Ca=1.00; P=0.40; NaCl=0.35	Fiber=22.00; Ca=2.00; NaCl=0.75	Protein=19.33; Fat=5.35; Fiber=16.64; Ca=1.19; P=0.50; NaCl=0.58	Pass
401926	Morrison's Custom Feeds Inc	Poultry Grower	Protein=18.00; Fat=2.50; Ca=0.50; P=0.35; NaCl=0.10; Na=0.10	Fiber=6.00; Ca=1.30; NaCl=0.30; Na=0.30	Protein=22.42; Fat=2.59; Fiber=3.14; Ca=0.78; P=0.57; NaCl=0.36; Na=0.14	Within Tolerance
401927	Morrison's Custom Feeds Inc	Organic Sheep Pellets	Protein=16.00; Fat=2.50; Ca=0.40; P=0.40; NaCl=0.50	Fiber=7.00; Ca=1.40; NaCl=1.00	Protein=19.60; Fat=3.64; Fiber=3.37; Ca=0.60; P=0.41; NaCl=0.41	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401928	Morrison's Custom Feeds Inc	Organic Swine Grower	Protein=15.00; Fat=2.50; Ca=0.50; P=0.30; NaCl=0.25	Fiber=6.00; Ca=1.50; NaCl=0.75	Protein=15.99; Fat=4.08; Fiber=3.62; Ca=0.94; P=0.56; NaCl=0.69	Pass
401929	Morrison's Custom Feeds Inc	Organic Poultry Grower	Protein=18.00; Fat=3.50; Ca=0.50; P=0.35; NaCl=0.10; Na=0.10	Fiber=6.00; Ca=1.50; NaCl=0.30; Na=0.30	Protein=19.75; Fat=3.16; Fiber=4.40; Ca=0.86; P=0.59; NaCl=0.36; Na=0.14	Within Tolerance
401930	Morrison's Custom Feeds Inc	Organic Poultry Starter/Turkey Grower	Protein=21.00; Fat=4.00; Ca=0.60; P=0.35; NaCl=0.10; Na=0.10	Fiber=6.00; Ca=1.60; NaCl=0.30; Na=0.30	Protein=24.33; Fat=5.30; Fiber=5.58; Ca=1.11; P=0.55; NaCl=0.51; Na=0.20	Fail
401931	Cargill Inc Db Cargill Animal Nutrition	SafeChoice Senior (AL) 94511 AL 1506	Protein=14.00; Fat=7.00; Ca=0.90; P=0.70	Fiber=15.00; Ca=1.20	Protein=16.61; Fat=9.10; Fiber=11.05; Ca=0.86; P=0.88	Within Tolerance
401932	Cargill Inc Db Cargill Animal Nutrition	SafeChoice Original Horse Feed (AL) 1316 AL 1505	Protein=14.00; Fat=7.00; Ca=0.90; P=0.70	Fiber=15.00; Ca=1.20	Protein=16.56; Fat=6.85; Fiber=10.40; Ca=1.08; P=0.79	Within Tolerance
401933	Midwest Agri-commodities	Beet Pulp Shreds with Molasses	Protein=6.00; Fat=0.30; H2O=15.00	Fiber=22.00	Protein=8.84; Fat=0.87; Fiber=22.42; H2O=9.50	Fail
401934	Kent Nutrition Group Inc	Blue Seal Carb-Guard Pelleted Horse Feed	Protein=12.00; Fat=8.00; Ca=0.75; P=0.60	Fiber=25.00; Ca=1.25	Protein=13.53; Fat=8.23; Fiber=20.67; Ca=0.84; P=0.52	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401935	Kent Nutrition Group Inc	Blue Seal Inspire Pacer All Grain Textured Horse Feed	Protein=12.00; Fat=6.00; Ca=0.75; P=0.60	Fiber=8.00; Ca=1.25	Protein=14.44; Fat=6.16; Fiber=6.23; Ca=0.66; P=0.56	Within Tolerance
401936	Kent Nutrition Group Inc	Blue Seal Inspired Trotter Complete Pelleted Horse Feed	Protein=14.00; Fat=4.00; Ca=0.75; P=0.55	Fiber=20.00; Ca=1.25	Protein=15.63; Fat=4.52; Fiber=15.54; Ca=1.15; P=0.54	Within Tolerance
401937	Kent Nutrition Group Inc	Blue Seal Inspire Rider Textured Horse Feed	Protein=12.00; Fat=4.00; Ca=0.75; P=0.60	Fiber=10.00; Ca=1.25	Protein=14.00; Fat=4.40; Fiber=6.38; Ca=1.20; P=0.67	Pass
401938	Kent Nutrition Group Inc	Blue Seal Inspire Strider Pelleted Horse Feed	Protein=12.00; Fat=4.00; Ca=0.75; P=0.60	Fiber=11.00; Ca=1.25	Protein=13.47; Fat=3.61; Fiber=7.28; Ca=1.14; P=0.60	Within Tolerance
401939	Kent Nutrition Group Inc	Blue Seal Inspire Charger Textured Horse Feed	Protein=14.00; Fat=6.00; Ca=0.75; P=0.60	Fiber=11.00; Ca=1.25	Protein=13.89; Fat=6.05; Fiber=7.37; Ca=0.77; P=0.57	Within Tolerance
401940	Kent Nutrition Group Inc	Blue Seal Hay Stretcher Small Pelleted Hay Extender	Protein=11.50; Fat=2.00; Ca=0.80; P=0.45	Fiber=20.00; Ca=1.30	Protein=12.97; Fat=3.01; Fiber=17.84; Ca=1.01; P=0.52	Pass
401941	Kent Nutrition Group Inc	Blue Seal Home Fresh Pig & Grow Finish Pellet (6431)	Protein=16.00; Fat=3.00; Ca=0.40; P=0.50; NaCl=0.30	Fiber=3.70; Ca=0.90; NaCl=0.80	Protein=17.68; Fat=3.55; Fiber=2.87; Ca=0.73; P=0.46; NaCl=0.43	Within Tolerance
401942	Kent Nutrition Group Inc	Blue Seal Coarse Cracked Corn Premium	Protein=6.50; Fat=2.50	Fiber=5.00	Protein=8.58; Fat=6.79; Fiber=2.40	Pass

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
401943	Kent Nutrition Group Inc	Blue Seal Backyard Basics All-Stock 14 Texturized	Protein=14.00; Fat=3.00; Ca=0.90; P=0.60; NaCl=0.75	Fiber=10.00; Ca=1.40; NaCl=1.25	Protein=16.09; Fat=3.60; Fiber=8.58; Ca=0.81; P=0.55; NaCl=0.57	Fail
401944	Kent Nutrition Group Inc	Blue Seal Backyard Basics Sweet Crunch 16	Protein=16.00; Fat=2.50; Ca=0.75; P=0.60; NaCl=0.75	Fiber=8.00; Ca=1.25; NaCl=1.25	Protein=16.01; Fat=3.00; Fiber=7.83; Ca=0.87; P=0.64; NaCl=0.79	Pass
401945	Kent Nutrition Group Inc	Blue Seal Sentinel Senior Extruded Horse Feed	Protein=14.50; Fat=5.50; Ca=0.65; P=0.65	Fiber=16.00; Ca=1.15	Protein=16.57; Fat=6.65; Fiber=14.91; Ca=0.97; P=0.60	Within Tolerance
401946	Kent Nutrition Group Inc	Blue Seal Backyard Basics Layer Pellet	Protein=16.00; Fat=2.70; Ca=3.30; P=0.60; NaCl=0.20	Fiber=6.00; Ca=4.30; NaCl=0.70	Protein=17.13; Fat=3.29; Fiber=6.45; Ca=3.18; P=0.64; NaCl=0.48	Within Tolerance
401947	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Pellet	Protein=16.00; Fat=3.00; Ca=3.30; P=0.60; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70	Protein=15.64; Fat=3.51; Fiber=2.78; Ca=4.02; P=0.52; NaCl=0.61	Within Tolerance
401948	Kent Nutrition Group Inc	Blue Seal Home Fresh Grow & Show Crumble	Protein=15.00; Fat=3.00; Ca=0.70; P=0.70; NaCl=0.25	Fiber=5.00; Ca=1.20; NaCl=0.75	Protein=16.03; Fat=3.74; Fiber=4.32; Ca=0.90; P=0.63; NaCl=0.46	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
1019001	Bourdeau Brothers - Sheldon	Nelson Boys Protein Mix Blue Farm	Protein=28.5000; Fat=7.5000; Ca=2.2000; P=0.3800; Se=1.0000	Fiber=11.0000; Ca=2.7000	Protein=31.4800; Fat=9.9600; Fiber=7.6000; Ca=3.0800; P=0.4400; Se=1.5800	Fail
1019002	Bourdeau Brothers - Sheldon	Canola Stock Animal Feed	Protein=34.00; Fat=2.00; Ca=0.60; P=0.98; Se=0.94	Fiber=12.00; Ca=1.10	Protein=37.03; Fat=3.41; Fiber=11.75; Ca=0.77; P=1.00; Se=0.72	Within Tolerance
1019003	Bourdeau Brothers - Sheldon	Tom Kane Corn Soyhulls Blend	Protein=8.00; Fat=2.50; Ca=0.10; P=0.22	Fiber=8.00; Ca=0.30	Protein=8.21; Fat=2.98; Fiber=8.54; Ca=0.13; P=0.23	Within Tolerance
1019004	Bourdeau Brothers - Sheldon	Tom Kane High Mix	Protein=31.5000; Fat=5.0000; Ca=2.1000; P=0.5300; Se=1.0000	Fiber=9.0000; Ca=2.6000	Protein=29.9400; Fat=7.2800; Fiber=9.4400; Ca=3.1700; P=0.5600; Se=1.8600	Fail
1019005	Bourdeau Brothers - Sheldon	Corn Meal	Protein=7.50; Fat=2.50; Ca=0.10; P=0.23; Se=0.07	Fiber=3.00	Protein=7.59; Fat=3.32; Fiber=1.68; Ca=0.03; P=0.26; Se=0.03	Fail
1019006	Bourdeau Brothers - Sheldon	Corn Meal	Protein=7.50; Fat=2.50; Ca=0.10; P=0.23; Se=0.07	Fiber=3.00	Protein=8.16; Fat=3.08; Fiber=1.97; Ca=0.01; P=0.26; Se=0.02	Fail
1019007	Poulin Grain - Newport	Lamb N' Kids Starter Pellet Type C Medicated Feed	Protein=18.00; Fat=3.00; Ca=1.10; P=0.55; NaCl=0.45; Se=0.50; VITA=7200.00	Fiber=8.00; Ca=1.40; NaCl=0.55	Protein=18.69; Fat=3.44; Fiber=6.06; Ca=1.34; P=0.69; NaCl=0.56; Se=0.78; VITA=0.00	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
1019009	Poulin Grain - Newport	E-Tec One Super Premium Horse Pellet	Protein=14.00; Fat=8.00; Ca=0.95; P=0.75; Cu=60.00; Zn=180.00; Se=0.70	Fiber=18.00; Ca=1.25	Protein=13.80; Fat=7.98; Fiber=16.96; Ca=1.23; P=0.80; Cu=71.84; Zn=213.03; Se=1.03	Within Tolerance
1019011	Poulin Grain - Newport	E-Tec Balancer Pellet Super Premium Horse Feed	Protein=24.00; Fat=3.00; Ca=3.00; P=1.90; Cu=200.00; Zn=600.00	Fiber=11.00; Ca=3.50	Protein=26.59; Fat=2.93; Fiber=9.09; Ca=3.41; P=1.86; Cu=230.78; Zn=682.88	Within Tolerance
1019008	Purina Animal Nutrition	Strategy Professional Formula GX (35WS)	Protein=14.00; Fat=6.00; Ca=0.90; P=0.60; Zn=280.00; Se=0.60	Fiber=12.50; Ca=1.40	Protein=14.73; Fat=5.54; Fiber=11.47; Ca=1.06; P=0.80; Zn=295.23; Se=0.86	Within Tolerance
1019010	Purina Animal Nutrition	Equine Senior (35YC)	Protein=14.00; Fat=5.50; Ca=0.50; P=0.40; Cu=55.00; Mg=0.33; Zn=220.00	Fiber=18.00; Ca=1.00	Protein=14.18; Fat=7.12; Fiber=16.80; Ca=0.97; P=0.58; Cu=77.91; Mg=0.37; Zn=334.66	Pass
1019012	Green Mountain Feeds	Organic Turkey Grower Pellets	Protein=21.00; Fat=5.25; Ca=1.00; P=0.70; NaCl=0.30	Fiber=5.00; Ca=1.30; NaCl=0.40	Protein=21.33; Fat=6.32; Fiber=4.14; Ca=1.38; P=0.88; NaCl=0.47	Within Tolerance

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
1019013	Cargill, Inc		Protein=23.7000; Fat=4.1800; Ca=1.4300; P=0.5300; Se=0.5400	Fiber=5.1900; Ca=1.7500	Protein=23.7800; Fat=3.8250; Fiber=5.3000; Ca=1.7933; P=0.5900; Se=0.7600	Within Tolerance
1019014	Cargill, Inc		Protein=23.09; Fat=3.37; Ca=1.35; P=0.53; Se=0.84	Fiber=6.43; Ca=1.65	Protein=22.91; Fat=3.49; Fiber=6.40; Ca=1.51; P=0.55; Se=1.07	Within Tolerance
1019015	Cargill, Inc		Protein=24.0600; Fat=8.3100; Ca=2.2100; P=0.3900; Se=1.4500	Fiber=8.7100; Ca=2.7000	Protein=27.4000; Fat=10.2600; Fiber=9.5200; Ca=1.7100; P=0.5600; Se=1.4500	Fail
1019016	Cargill, Inc		Protein=21.0000; Fat=2.5000; Ca=0.7500; P=0.4500; Se=0.3000	Fiber=10.0000; Ca=1.2500	Protein=21.9900; Fat=3.9700; Fiber=7.2600; Ca=1.0000; P=0.8700; Se=0.7300	Pass
1019017	Cargill, Inc		Protein=19.5600; Fat=6.6600; Ca=1.3800; P=0.4400; Se=0.6800	Fiber=3.9500; Ca=1.6800	Protein=20.6000; Fat=8.8900; Fiber=4.3200; Ca=1.7100; P=0.5800; Se=0.7100	Within Tolerance
08-120619-01	Kent Nutrition Group Inc	Blue Seal Backyard Basics Layer Pellet	Protein=16.00; Fat=2.70; Ca=3.30; NaCl=0.20	Fiber=6.00; Ca=4.30; NaCl=0.70		Testing in Progress
08-120619-02	Kent Nutrition Group Inc	Blue Seal Home Fresh Extra Egg Layer Meal	Protein=16.00; Fat=3.00; Ca=3.30; NaCl=0.20	Fiber=4.00; Ca=4.30; NaCl=0.70		Testing in Progress

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
08-120619-03	Kent Nutrition Group Inc	Blue Seal Home Fresh Multi-Flock Chick N Game Starter/Grower Pellet #50	Protein=22.00; Fat=3.50; Ca=0.80; NaCl=0.25	Fiber=4.00; Ca=1.30; NaCl=0.75		Testing in Progress
08-120619-04	Kent Nutrition Group Inc	Blue Seal Hay Stretcher Small Pelleted Hay Extender	Protein=11.50; Fat=2.00; Ca=0.80	Fiber=20.00; Ca=1.30		Testing in Progress
08-120619-05	Kent Nutrition Group Inc	Blue Seal Hog Pellet	Protein=14.00; Fat=3.00; Ca=0.75	Fiber=8.00; Ca=1.05		Testing in Progress
08-120619-06	Kent Nutrition Group Inc	Blue Seal Backyard Basics Sweet Crunch 16	Protein=16.00; Fat=2.50; Ca=0.75; NaCl=0.75	Fiber=8.00; Ca=1.25; NaCl=1.25		Testing in Progress
29500	Poulin Grain - Newport	E-Tec One Super Premium Horse Pellet	Protein=14.00; Fat=8.00	Fiber=18.00		Testing in Progress
29501	Poulin Grain - Newport	Sheep Complete Pellet	Protein=16.00; Fat=3.00	Fiber=10.00		Testing in Progress
29502	Cargill Inc Db a Cargill Animal Nutrition	Country Feeds Layer 16% PL (AL) 95180 AL 1506	Protein=16.00; Fat=2.50	Fiber=8.00		Testing in Progress
29503	Cargill Inc Db a Cargill Animal Nutrition	Country Feeds Meatbird 22% Crumble (AL) 95188 AL 1506	Protein=22.00; Fat=2.50	Fiber=6.00		Testing in Progress
29504	Cargill Inc Db a Cargill Animal Nutrition	Cracked Corn (AL) 5344 AL	Protein=6.50; Fat=2.50	Fiber=3.00		Testing in Progress
29505	Poulin Grain - Newport	Decade Complete Diet 13% (Premium Horse Pellet)	Protein=13.00; Fat=3.00	Fiber=17.50		Testing in Progress
29506	Poulin Grain - Newport	Egg Production Plus Crumblelet	Protein=18.00; Fat=4.00	Fiber=6.00		Testing in Progress

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
29507	Poulin Grain - Newport	Hi-Line 16% Dairy/Beef Pellet	Protein=16.00; Fat=3.00	Fiber=10.00		Testing in Progress
29508	Poulin Grain - Newport	Rabbit 18% Growth Pellets Contains Yucca And MOS	Protein=18.00; Fat=3.00	Fiber=15.00		Testing in Progress
29509	Poulin Grain - Newport	Layer Pellets Contains MOS	Protein=16.50; Fat=3.00	Fiber=4.00		Testing in Progress
29510	Tzumi	Cabot Cheeseburger Recipe Dog Treats	Protein=24.00; Fat=15.00	Fiber=2.00; H2O=24.00		Testing in Progress
29511	IcelandicPLUS, LLC	Cod& Shrimp Combo Bites Dog Treats	Protein=64.10; Fat=3.60	Fiber=0.80; H2O=5.00; Ash=20.00		Testing in Progress
29512	Nature's Variety Inc	Instinct Raw Boost Mixers All-Natural Beef Recipe for Dogs	Protein=38.00; Fat=24.00	Fiber=15.00; H2O=6.00		Testing in Progress
29513	Champion Petfoods USA, Inc.	Acana Singles Dog Treats Turkey & Greens Formula	Protein=31.00; Fat=17.00; Ca=1.20; P=1.30	Fiber=6.00; H2O=12.00		Testing in Progress
29514	Honest (The) Kitchen	Whole Food Clusters Grain Free Chicken Recipe for Dogs	Protein=26.00; Fat=14.50	Fiber=5.00; H2O=12.00		Testing in Progress
29515	Tuffy's Pet Products	NutriSource Grain Free Salmon Bites Dog Treats	Protein=12.00; Fat=8.00	Fiber=4.00; H2O=30.00		Testing in Progress
29516	Bocce's Bakery	Red Velvet Soft and Chewy Dog Treats with Peanut Butter, Beets and Cream Cheese	Protein=12.00; Fat=14.00	Fiber=3.00; H2O=8.00		Testing in Progress

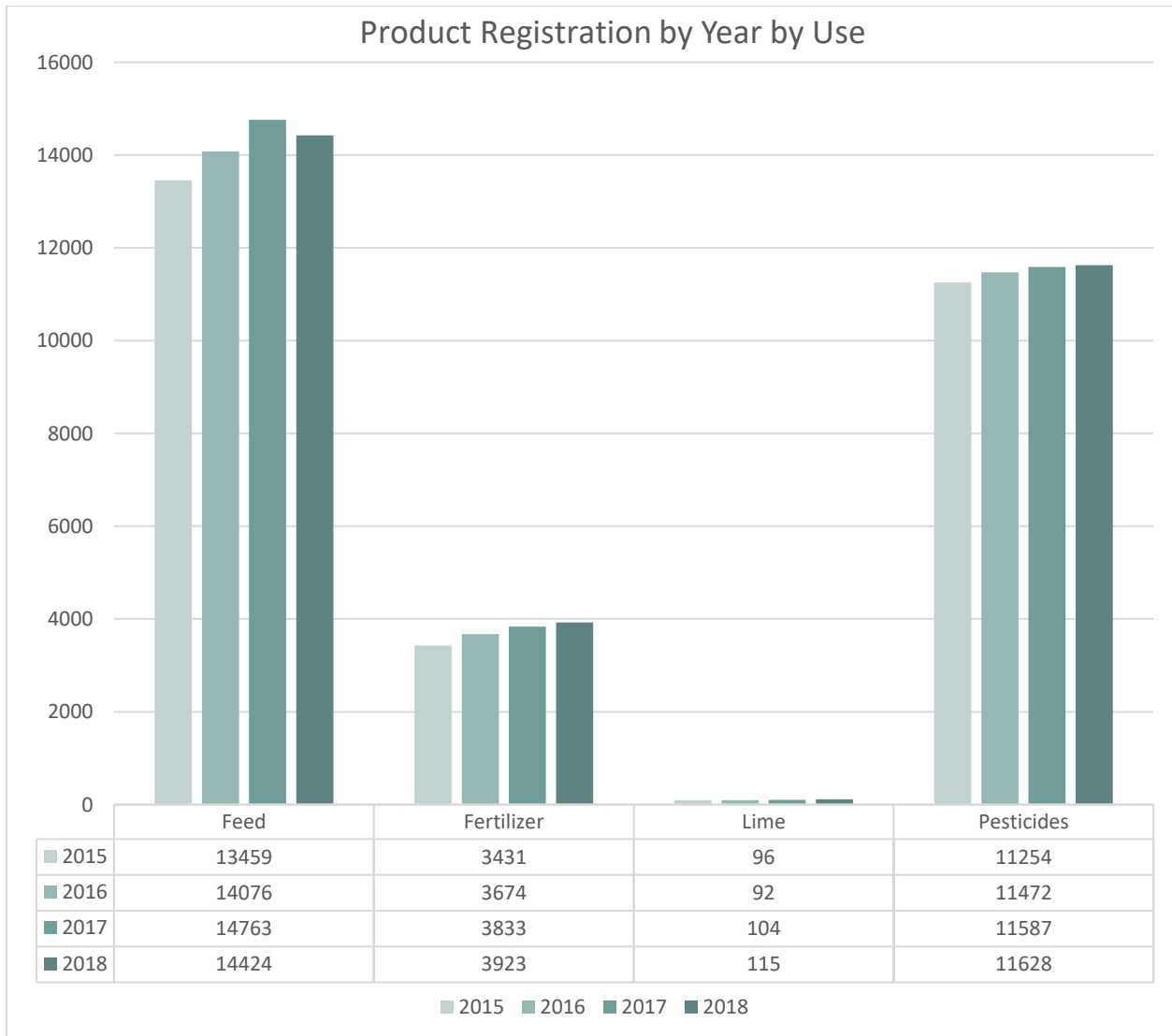
Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
29517	Nature's Variety Inc	Instinct Ultimate Protein Cage-Free Duck Recipe in Savory Gravy for Cats	Protein=10.00; Fat=3.50	Fiber=1.00; H2O=82.00		Testing in Progress
29518	Primal Pet Foods	Freeze-Dried Formula for Dogs Chicken	Protein=37.00; Fat=37.00	Fiber=1.00; H2O=2.00		Testing in Progress
29519	Nootie Llc	Koha Pork Fillets Air Dried Single Ingredient Dog Treats	Protein=60.00; Fat=12.50	Fiber=1.00; H2O=7.60		Testing in Progress
29520	Fromm Family Foods Llc	Four-Star Nutritionals Game Bird Recipe Cat Food	Protein=35.00; Fat=17.00	Fiber=6.00; H2O=10.00		Testing in Progress
29521	Pets Global Inc	Fussie Cat Market Fresh Salmon & Chicken Recipe Cat Food	Protein=36.00; Fat=16.00; Ca=1.00; P=0.80	Fiber=5.00; H2O=10.00		Testing in Progress
29522	Champion Petfoods USA, Inc.	Orijen Biologically Appropriate Cat Food Cat & Kitten	Protein=40.00; Fat=20.00; Ca=1.40; P=1.00; Mg=0.10	Fiber=3.00; H2O=10.00		Testing in Progress
29523	Evangers Dog & Cat Food Co Inc	Cooked Chicken Dog Food	Protein=10.00; Fat=5.00	Fiber=1.50; H2O=78.00		Testing in Progress
29524	Party Animal	Cocolicious I'm Wholesome Chicken Recipe Dog Food	Protein=10.00; Fat=8.00; Ca=0.25; P=0.20	Fiber=1.50; H2O=78.00		Testing in Progress
29525	Caru Pet Food Co	Daily Dish Turkey W/ Lamb Stew for Dogs	Protein=5.00; Fat=3.50	Fiber=2.00; H2O=82.00		Testing in Progress

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
29526	Open Farm Inc	Homestead Turkey Rustic Stew for Dogs	Protein=7.00; Fat=5.50; Fiber=2.00	H2O=82.00		Testing in Progress
29527	Party Animal	Party Animal Wascal Rabbit Recipe Dog Food	Protein=10.00; Fat=6.00; Ca=0.25; P=0.20	Fiber=2.00; H2O=78.00		Testing in Progress
29528	Nootie Llc	Koha Super Premium Dog Food Kangaroo Stew	Protein=9.50; Fat=3.00	Fiber=2.00; H2O=82.00; Ash=2.50		Testing in Progress
29529	Nulo Inc		Protein=9.50; Fat=5.00	Fiber=1.00; H2O=78.00		Testing in Progress
29530	Rawz Natural Pet Food	Steam Cooked 96% Chicken & Chicken Liver Recipe Dog Food	Protein=11.00; Fat=9.00	Fiber=1.50; H2O=78.00		Testing in Progress
29531	FARMINA PET FOODS	N&D Quinoa Skin & Coat Herring Quinoa Coconut and Turmeric Recipe Adult Dogs All Breeds	Protein=11.50; Fat=5.50	Fiber=0.90; H2O=78.00; Ash=2.90		Testing in Progress
29532	WellPet Llc	Wellness Natural Food for Dogs Venison & Salmon Stew with Carrots & Potatoes	Protein=8.00; Fat=3.50	Fiber=1.00; H2O=82.00		Testing in Progress
29533	Weruva International Inc	Asian Fusion with Tuna & Shirasu In Aspic Super Luxe Cat Food	Protein=12.00; Fat=1.60; P=0.25; Mg=0.02	Fiber=0.50; Ca=0.28; H2O=83.00; Ash=2.00		Testing in Progress
29534	Tuffy's Pet Products	Pure Vita Chicken Entree Cat Food	Protein=11.00; Fat=9.00	Fiber=1.00; H2O=78.00; Ash=3.00		Testing in Progress

Inspector Sample Number	Business Name	Brand Name	Minimum	Maximum	Test Results	Sample Status
29535	Poulin Grain - Newport	Pig Grower Pellets with Yeast Culture	Protein=16.00; Fat=3.00	Fiber=7.00		Testing in Progress
29536	Huron Commodities	Summit Dehydrated Alfalfa Pellets	Protein=17.00; Fat=1.00	Fiber=32.00		Testing in Progress
29537	Poulin Grain - Newport	Equi-Pro Pro-Max 12 Pellet Features Omega 3	Protein=12.00; Fat=12.00	Fiber=12.00		Testing in Progress
29538	Poulin Grain - Newport	Dairy Goat Pellet	Protein=18.00; Fat=3.00	Fiber=9.00		Testing in Progress
29539	Poulin Grain - Newport	Layer Pellets Contains MOS	Protein=16.50; Fat=3.00	Fiber=4.00		Testing in Progress
29540	Poulin Grain - Newport	Layer Crumbles	Protein=16.00; Fat=3.00	Fiber=4.00		Testing in Progress
29541	Poulin Grain - Newport	Sheep Complete Pellet	Protein=16.00; Fat=3.00	Fiber=10.00		Testing in Progress
29542	Poulin Grain - Newport	Quik Grow Broiler Crumbles Features MOS And Omega 3	Protein=20.00; Fat=3.00	Fiber=5.00		Testing in Progress
29543	Poulin Grain - Newport	Northeast Alpaca & Llama Milk & Cria Pellet	Protein=15.00; Fat=3.00	Fiber=13.00		Testing in Progress
29544	Poulin Grain - Newport	E-Tec Senior Low Carb Super Premium Horse Pellet	Protein=14.00; Fat=10.00	Fiber=20.00		Testing in Progress

2018 Product Registration by Use

	2018 Products registered	Percentage
Feed	14424	48
Fertilizer	3,923	13
Lime	115	<1
Pesticides	11,628	39
Total	30,356	100.00



Breakdown of 2018 Registered Feed Products by Category

Category	Total Number of Products Registered	Percentage
Cat	3,207	22
Dog	6,878	48
Dog and Cat	75	1
Ingredients/Supplemental	1011	7
Livestock	1,296	9
Misc. Pets	1,442	10
Salt/minerals	67	<1
Wildlife	448	3
Total	14,424	100

In March 2018, a letter was sent to all feed manufacturers stating that white tailed deer attractant products could no longer be registered or sold in the state of Vermont. Over 100 products for white tailed deer were not renewed in 2018.