

Chemist Report Results for Feed Samples

Samples Reported January 1, 2012 through December 31, 2012
Pub. No. 630-309

Key: D = Deficien/Excess; Found = 0
indicates value could not be detected at
the minimum detection level.

RESPONSIBLE PARTY		CITY	
SAMPLE ID NO.	PRODUCT NAME		
Nutrient	Min	Max	Found

FD-03-0121-12 PEANUT ENDOSPERM

Crude Protein:	25.7%
Lysine:	1.37%
Methionine:	0.389%
Crude Fat:	42.1%
Calcium:	0.13%
Phosphorous:	0.463%
Sodium:	0.0266%
Selenium:	0.04ppm

FD-03-0120-12 PEANUT SKINS

Crude Protein:	15%
Lysine:	0.76%
Methionine:	0.114%
Crude Fat:	24.4%
Calcium:	0.31%
Phosphorous:	0.136%
Sodium:	0.0645%
Selenium:	0.04ppm

ACCO FEEDS

MINNEAPOLIS

FD-02-0016-12 SHOW MASTER PREMIUM SHOW GOAT DEVELOPER

Crude Protein:	16%		16.1%
Crude Fat:	3%		3.5%
Calcium:	0.75%	0.9%	0.966%
Phosphorous:	0.03%		0.379%
Sodium:	0.1%	0.1%	0.337%
Copper:	25ppm	30ppm	34.7ppm
Selenium:	0.3ppm		0.737ppm

AFCO DISTRIBUTION AND MILLING

SPOKANE VALLEY

FD-03-0054-12 LMF LOW NON-STRUCTURAL CARBOHYDRATE COMPLETE

Crude Protein:	10%	11.6%	
Crude Fat:	4%	4.3%	
Crude Fiber:		28%	24.6%
Calcium:	0.85%	1.15%	0.104% D
Phosphorous:	0.45%		0.326% D
Copper:	25ppm	25.1ppm	
Selenium:	3ppm	0.367ppm	

FD-05-0029-12 LMF SENIOR

Crude Protein:	14%		15.2%
Crude Fat:	4%		3.6%
Calcium:	0.6%	0.9%	0.985%
Phosphorous:	0.4%		0.501%
Copper:	30ppm		25.7ppm
Selenium:	0.3ppm		0.318ppm
Zinc:	80ppm		85.1ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	
FD-05-0030-12	RABBIT 16% PELLET			
Crude Protein:	16%		15.9%	
Crude Fat:	2%		2.8%	
Crude Fiber:	14%		12.8%	
Calcium:	0.8%	1.1%	0.853%	
Phosphorous:	0.7%		0.736%	
BELLYN FARMS LLC		LYNDEN		
FD-03-0011-12	BAKERY BY-PRODUCTS			
Crude Protein:			12.3%	
Crude Fat:			5.3%	
Calcium:			0.132%	
Phosphorous:			0.252%	
Selenium:			0.269ppm	
BOUNDARY BAY BREWERY		BELLINGHAM		
FD-03-0088-12	WET BREWER'S GRAIN			
Crude Protein:			4.7%	
Crude Fat:			1.9%	
Calcium:			0.0304%	
Phosphorous:			0.111%	
Sodium:			0.0149%	
Selenium:			0.04	
BREADFARM		EDISON		
FD-03-0075-12	BAKERY BY-PRODUCT			
Crude Protein:			12%	
Lysine:			0.34%	
Methionine:			0.19%	
Crude Fat:			1.3%	
Calcium:			0.0198%	
Phosphorous:			0.114%	
Salt:			1.9%	
BUCHANAN CELLERS		MCMINNVILLE		
FD-05-0016-12	BEAVER BRAND CHICK STARTER DQ MEDICATED			
Crude Protein:	18%		17.9%	
Lysine:	0.75		0.756	
Crude Fat:	4%		4.4%	
Calcium:	0.8%	1.3%	1.14%	
Phosphorous:	0.7%		0.762%	
FD-05-0018-12	BEAVER BRAND DRY COB			
Crude Protein:	8%		8.9%	
Crude Fat:	2%		2.7%	
FD-05-0019-12	BEAVER BRAND LAYER NRG LAYER PELLETS			
Crude Protein:	16%		18.3%	
Lysine:	0.8%		0.811%	
Calcium:	3.85%	4.3%	3.62%	
Phosphorous:	0.5%		0.625%	
FD-05-0013-12	BEAVER BRAND PIG GROWER SILVER 16			
Crude Protein:	16%		18.1%	
Lysine:			0.731%	
Crude Fat:	3%		4.3%	
Calcium:	1%	1.5%	1.14%	
Phosphorous:	0.65%		0.873%	
Selenium:	0.3ppm		0.693ppm	
Zinc:	180ppm		180ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

CANDAE CORPORATION
NORCO
FD-05-0044-12 ALFALFA PLUS

Crude Protein:	15%		15.9%
Calcium:	0.9%	1.4%	0.934%
Phosphorous:	0.45%		0.635%
Copper:	30ppm		35ppm
Selenium:	0.5ppm		0.768ppm
Zinc:	180ppm		229ppm

FD-05-0045-12 COASTAL PLUS

Crude Protein:	14.16%		12.4%	D
Crude Fat:	3.93%		5%	
Calcium:	0.32%	0.6%	0.652%	
Phosphorous:	0.42%		0.399%	
Magnesium:	0.24%		0.178%	D
Potassium:	0.63%		0.984%	
Copper:	66ppm		37.4ppm	D
Selenium:	0.5ppm		0.9ppm	
Zinc:	200ppm		268ppm	

CARGILL ANIMAL NUTRITION
MINNEAPOLIS
FD-03-0013-12 14% ALL BREED TEX

Crude Protein:	14%		16.2%
Crude Fat:	2.5%		2.8%
Calcium:	1.05%	1.55%	1.33%
Phosphorous:	0.5%		0.761%
Sodium:	0.2%	0.2%	0.301%
Selenium:	0.2ppm		0.412ppm
Zinc:	40ppm		91.3ppm

FD-02-0017-12 14% ALL BREED TX (BW)

Crude Protein:	14%		13.6%
Crude Fat:	2.5%		3.7%
Calcium:	1.05%	1.55%	1.3%
Phosphorous:	0.5%		0.612%
Potassium:	0.76%		0.957%
Copper:	10ppm	15ppm	0.957ppm
Selenium:	0.2ppm		0.395ppm
Zinc:	40ppm		78.1ppm

FD-03-0015-12 ALL PURPOSE POULTRY & FOWL

Crude Protein:	16%		17.1%
Lysine:	0.7%		0.739%
Crude Fat:	2.5%		3.2%
Calcium:	0.6%	1.1%	0.79%
Phosphorous:	0.7%		0.678%
Salt:	0.2%	0.7%	0.51%

CASTOR & POLLUX PET WORKS
CLACKAMAS
FD-07-0005-12 CASTOR & POLLUX NATURAL PETWORKS ORGANIX ORGANIC CHICKEN & PO

Crude Protein:	7.5%		9%
Crude Fat:	6.5%		9.8%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

CHS NUTRITION
SIOUX FALLS
FD-05-0078-12 DARI FRESH TUB BASE

Crude Protein:	33%		39.5%	
Crude Fat:	2%		1.8%	
Calcium:	4.5%	5.5%	3.98%	D
Phosphorous:	6.3%		5.52%	D
Magnesium:	6%		5.55%	
Copper:	835ppm		906ppm	
Selenium:	28.1ppm		22.5ppm	
Zinc:	2775ppm		2930ppm	

FD-05-0002-12 DARI-FRESH TUB BASE

Crude Protein:	16%		15.6%	
Crude Fat:	2%		1.5%	D
Calcium:	5.5%	6.5%	7.06%	D
Phosphorous:	6.4%		7.12%	
Magnesium:	6%		5.75%	
Copper:	838ppm		424ppm	D
Selenium:	28.7ppm		15.1ppm	D
Zinc:	2815ppm		1710ppm	D

FD-05-0004-12 VITALIX #3 TUB BASE

Crude Protein:	44%		45.4%	
Calcium:	2.5%	3.5%	3.1%	
Phosphorous:	3.7%		3.82%	
Magnesium:	4.5%		2.63%	D
Potassium:	1%		1.22%	
Copper:	965ppm		467ppm	D
Selenium:	16.8ppm		7.85ppm	D
Zinc:	2850ppm		1500ppm	D

FD-05-0082-12 VITALIX #30 TUB BASE

Crude Protein:	55%		57.8%	
Crude Fat:	3%		2.6%	D
Calcium:	2.5%	3.5%	3.36%	
Phosphorous:	3.4%		3.52%	
Magnesium:	3%		2.85%	
Copper:	970ppm		701ppm	D
Selenium:	16.3ppm		17.3ppm	
Zinc:	2060ppm		1980ppm	

FD-05-0003-12 VITALIX #4 TUB BASE

Crude Protein:	28%		30.9%	
Crude Fat:	3.5%		3.3%	
Calcium:	3%	4%	3.23%	
Phosphorous:	3.1%		3.06%	
Magnesium:	3%		1.76%	D
Potassium:	1%		1.31%	
Copper:	805ppm		595ppm	D
Selenium:	16.1ppm		11.5ppm	D
Zinc:	2385ppm		2150ppm	

FD-05-0080-12 VITALIX #4 TUB BASE

Crude Protein:	28%		29.1%	
Crude Fat:	3%		3.4%	
Calcium:	3%	4%	3.77%	
Phosphorous:	3.1%		3.43%	
Magnesium:	3%		2.3%	D
Potassium:	1%		1.19%	
Copper:	805ppm		457ppm	D
Selenium:	16.1ppm		11.2ppm	D
Zinc:	2385ppm		1860ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-05-0001-12 VITALIX 30-13 TUB BASE

Crude Protein:	54%		65%	
NPN:		30%	22%	
Crude Fat:	3%		2.1%	D
Calcium:	2.5%	3.5%	3.29%	
Phosphorous:	3.4%		3.6%	
Magnesium:	3%		2.93%	
Copper:	970ppm		640ppm	D
Selenium:	16.3ppm		10.8ppm	D
Zinc:	2060ppm		1450ppm	

COLUMBIA BEAN & PRODUCE LLC

MOSES LAKE

FD-05-0060-12

Crude Protein:	20%		20.9%	
Crude Fat:	2.5%		1.71%	D
Calcium:			0.141%	
Selenium:			0.0527ppm	

CONNELL GRAIN GROWERS INC

CONNELL

FD-05-0099-12 CORN

Crude Protein:			7.8%	
Crude Fat:			2.9%	
Crude Fiber:			2.1%	
Calcium:			0.0099%	
Selenium:			0.04ppm	

CONTINENTAL MILLS INC

KENT

FD-02-0047-12 HOG FEED (BAKERY WASTE)

Crude Protein:			7.1%	
Crude Fat:			3.9%	
Calcium:			0.0501%	
Selenium:			0.04ppm	

CONWAY FEED INC

CONWAY

FD-03-0068-12 CONWAY 14% ALL PURPOSE

Crude Protein:	14%		13.7%	
Crude Fat:	3%		3.54%	
Calcium:	0.4%	0.7%	0.866%	
Phosphorous:	0.6%		0.622%	
Salt:	0.6%	1.1%	1.4%	D
Selenium:	0.3ppm		0.759ppm	

FD-03-0066-12 CONWAY 16% DAIRY

Crude Protein:	16%		15.9%	
Crude Fat:	3%		3.85%	
Calcium:	0.5%	1%	0.639%	
Phosphorous:	0.6%		0.671%	
Selenium:	0.3ppm		1.04ppm	

FD-03-0064-12 CONWAY CALF STARTER GROWER WITH MONENSIN

Crude Protein:	19%		18.7%	
Crude Fat:	3%		3.1%	
Calcium:	0.6%	1.1%	0.933%	
Phosphorous:	0.52%		0.669%	
Selenium:	0.3%		0.904%	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

CORNERSTONE SYSTEMS LLC
TOPPENISH
FD-05-0062-12 FINISHED GLYCERINE

Calcium: 0.0013%
Selenium: 0.0408ppm

COUNTRY ACRES FEED COMPANY
ST PAUL
FD-03-0078-12 ALL-STOCK 14% TEXTURE

Crude Protein: 14% 13.2% D
Crude Fat: 3% 5.3%
Calcium: 0.9% 1.4% 1.15%
Phosphorous: 0.45% 0.448%
Salt: 0.3% 0.8% 0.93% D
Copper: 8ppm 10.6ppm
Selenium: 0.3ppm 0.259ppm D
Zinc: 110ppm 69.6ppm D

FD-04-0013-12 GRAINLAND SELECT ROLLED BARLEY

Crude Protein: 8% 9.5%

FD-04-0016-12 GRAINLAND SELECT ROLLED CORN

Crude Protein: 7.5% 7.3%
FDA Orchratoxins 3ppb
FDA Aflatoxins 20ppb

FD-04-0015-12 GRAINLAND WHOLE CORN

Crude Protein: 7% 7.2%
FDA Orchratoxins 3ppb
FDA Aflatoxins 20ppb

FD-03-0028-12 ORGANIC PRIDE LAYER 16% PELLET

Crude Protein: 16% 15.1% D
Crude Fat: 3.25% 4%
Calcium: 3.5% 4% 2.96% D
Phosphorous: 0.5% 0.519%
Salt: 0.448%

DEL'S FEED & FARM SUPPLY
LAKEWOOD
FD-02-0044-12 ALL STOCK

Crude Protein: 12% 11.6% D
Crude Fat: 2% 4.3%
Crude Fiber: 15% 9.5%
Calcium: 1% 1.5% 1.39%
Phosphorous: 0.5% 0.445%
Selenium: 0.2ppm 0.359ppm
Zinc: 55ppm 95ppm

FD-02-0032-12 CATTLE DEVLOPER 14% FEED

Crude Protein: 14% 14%
Crude Fat: 3% 3.6%
Crude Fiber: 9% 8.5%
Calcium: 1.15% 1.65% 1.8%
Phosphorous: 0.7% 0.623%
Potassium: 0.5% 1.76%
Copper: 40ppm 39.6ppm
Selenium: 0.45ppm 0.725ppm
Zinc: 90ppm 113ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-02-0045-12 DEL'S ALL PURPOSE POULTRY

Crude Protein:	17%		17.4%
Crude Fat:	2.8%		3.5%
Calcium:	0.9%	1.4%	1.12%
Phosphorous:	0.65%		0.59%
Selenium:			0.733ppm

FD-05-0069-12 DEL'S ALL PURPOSE POULTRY

Crude Protein:	17%		16.8%
Lysine:	0.8%		0.9042%
Methionine:	0.3%		0.2154%
Crude Fat:	2.8%		3.24%
Calcium:	0.9%	1.4%	1.31%
Phosphorous:	0.65%		0.645%

FD-02-0046-12 DEL'S POULTRY LAYER PLT

Crude Protein:	16%		15.8%
Crude Fat:	3%		3.3%
Crude Fiber:		6.5%	6.6%
Calcium:	3.5%	4.5%	3.79%
Phosphorous:	0.5%		0.62%
Selenium:			0.461ppm

FD-02-0041-12 LIVESTOCK 14% TX

Crude Protein:	14%		13.6%
NPN:			0.5
Crude Fat:	2.8%		4.7%
Crude Fiber:		9.5%	7.1%
Calcium:	0.7%	1.2%	1.14%
Phosphorous:	0.5%		0.546%
Selenium:	0.5ppm		0.347ppm D

FD-05-0057-12 OMOLENE 200

Crude Protein:	14%		15.6%
Crude Fat:	6%		5.9%
Calcium:	0.9%	1.2%	0.879%
Phosphorous:	0.5%		0.466%
Copper:	55ppm		72.2ppm
Selenium:	0.6ppm		0.756ppm
Zinc:	220ppm		222ppm

FD-02-0042-12 PIG GROWER 16%

Crude Protein:	16%		16.3%
NPN:			0.5
Lysine:	0.9%		0.94%
Crude Fat:	3%		3.3%
Crude Fiber:		7.5%	5%
Calcium:	0.8%	1.3%	0.985%
Phosphorous:	0.6%		0.626%
Selenium:	0.4ppm		0.562ppm
Zinc:	100ppm		193ppm

FD-02-0031-12 RABBIT 16%

Crude Protein:	16%		16.6%
Crude Fat:	2%		2.8%
Crude Fiber:	17%	22%	16.1%
Calcium:	0.7%	1.2%	0.711%
Phosphorous:	0.45%		0.526%
Selenium:			0.04ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-02-0040-12 SHEEP 14%

Crude Protein:	14%		13.6%	
Crude Fat:	2%		3.5%	
Crude Fiber:	12%		11%	
Calcium:	0.7%		1.25%	
Phosphorous:	0.4%		0.628%	
Selenium:	0.4ppm		0.386ppm	D

DEYOUNG FARM AND GARDEN

WOODINVILLE

FD-03-0052-12 C.O.B.

Crude Protein:	8%		7.9%	
Crude Fat:	2.5%		3%	
Crude Fiber:		8%	4.6%	

FD-03-0056-12 DEYOUNG'S DAIRY 16%

Crude Protein:	16%		14.8%	D
Crude Fat:	2.5%		3.3%	
Crude Fiber:		8%	5.9%	
Calcium:	0.8%	1%	0.67%	
Phosphorous:	0.7%		0.532%	D
Selenium:	0.16ppm		0.524ppm	

FD-03-0050-12 DEYOUNG'S POULTRY STARTER / GROWER

Crude Protein:	22%		22.9%	
Crude Fat:	4%		3.1%	D
Crude Fiber:		5%	4.2%	
Calcium:	1%	1.3%	1.28%	
Phosphorous:	0.6%		0.874%	
Salt:	0.2%	0.3%	0.38%	

FD-03-0058-12 LDY MARE & FOAL FEED

Crude Protein:	16%		13.9%	D
Crude Fat:	4%		4.5%	
Crude Fiber:		8%	7.7%	
Calcium:	1.1%	1.3%	0.728%	D
Phosphorous:	0.8%		0.585%	D
Copper:	60ppm		38.1ppm	D
Selenium:	0.65ppm		0.62ppm	
Zinc:	190ppm		138ppm	

ELENBAAS COMPANY INC

SUMAS

FD-03-0009-12 204Z ALL-PURPOSE

Crude Protein:	16%		16.3%	
Crude Fat:	2%		4.4%	
Calcium:	0.05%	0.45%	0.19%	
Phosphorous:	0.37%		0.895%	
Salt:	0.1%	0.18%	0.2%	

FD-03-0008-12 CALF DEVELOPER

Crude Protein:	16%		15.6%	
Crude Fat:	3.3%		4.4%	
Calcium:	0.7%	1.1%	0.476%	D
Phosphorous:	0.5%		0.602%	

FD-02-0019-12 CALF DEVELOPER RUMENSIN MEDICATED

Crude Protein:	16%		17.1%	
Crude Fat:	3.3%		4.3%	
Calcium:	0.7%	1.1%	0.781%	
Phosphorous:	0.5%		0.684%	
Selenium:	1ppm		0.951ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-03-0007-12 CALF STARTER

Crude Protein:	18		17.9	
Crude Fat:	3.5%		4.3%	
Calcium:	0.7	1	0.695	
Phosphorous:	0.5		0.681	

FD-05-0023-12 POULTRY GROWER/FINISHER

Crude Protein:	18.5%		17.8%	D
Lysine:	0.9%		0.822%	
Methionine:	0.3%		0.293%	
Crude Fat:	4.5%		5.3%	
Calcium:	0.5%	1.5%	0.974%	
Phosphorous:	0.7%		0.741%	

FD-02-0024-12 PRO-SHOW GOLD SUPPLEMENT

Crude Protein:	17.5%		17%	
Crude Fat:	6.5%		6.7%	
Calcium:	1.25%	1.25%	1.57%	
Phosphorous:	0.9%		1%	
Sodium:	0.05%	0.05%	0.334%	D
Potassium:	1.1%		1.11%	
Copper:	190ppm	210ppm	196ppm	
Selenium:	3ppm		4.12ppm	

EPL FEED LLC

SUMAS

FD-02-0022-12 CALF STARTER WITH AMPLI-CALF

Crude Protein:	22%		22%	
Crude Fat:	2.5%		3.6%	
Calcium:	1%	1.5%	0.765%	D
Phosphorous:	0.3%		0.534%	
Copper:			14.4ppm	
Selenium:	0.6ppm		0.543ppm	

FD-02-0023-12 SENIOR HORSE

Crude Protein:	14%		14.5%	
Crude Fat:	4%		4.3%	
Calcium:	0.6%	1.1%	0.998%	
Phosphorous:	0.5%		0.612%	
Copper:	40ppm		30ppm	
Selenium:	0.3ppm		3.32ppm	D
Zinc:	170ppm		182ppm	

FD-05-0052-12 WHOLE BARLEY

Crude Protein:	12.5%		10.5%	D
Crude Fat:	2%		3.3%	

EPL FEED, INC

EVERSON

FD-03-0005-12 CALF CUSTOM

Crude Protein:			17.7%	
Crude Fat:			3.5%	
Calcium:			0.637%	
Phosphorous:			0.7%	

FD-03-0006-12 CALF CUSTOM

Crude Protein:			17.6%	
Crude Fat:			3.7%	
Calcium:			0.62%	
Phosphorous:			0.81%	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	
FD-03-0004-12 CALF GROWER				
Crude Protein:	15.5%		15.2%	
Crude Fat:	2.95%		3.5%	
Calcium:	0.8%		0.501%	
Phosphorous:	0.6%		0.642%	
Selenium:	1.2ppm		0.784ppm	D
ESSENTIAL BAKING COMPANY		SEATTLE		
FD-03-0031-12 BATTARD BREAD				
Crude Protein:			12%	
Crude Fat:			0.2%	
Calcium:			0.016	
Phosphorous:			0.155%	
Sodium:			0.569%	
Selenium:			0.266	
FAIRHAVEN ORGANIC FLOUR MILL		BURLINGTON		
FD-03-0060-12 ORGANIC GROUND FLOUR				
Crude Protein:			18.2%	
Crude Fat:			4.26%	
Calcium:			0.0881%	
Phosphorous:			0.444%	
Sodium:			0.0236%	
FRANZ FAMILY BAKERIES		SEATTLE		
FD-03-0019-12 DONUT BY-PRODUCT				
Crude Protein:			10.8%	
Crude Fat:			1.6%	
Calcium:			0.116%	
Phosphorous:			0.144%	
Selenium:			0.299ppm	
GLOBAL AGRI-TRADE CORPORATION		LONG BEACH		
FD-05-0054-12 NURISOL CALCIUM SALTS OF LONG CHAIN FATTY ACIDS / PALM OIL				
Crude Protein:			0.4%	
Crude Fat:	84%		87.7%	
Calcium:	8%	10%	8.16%	
Magnesium:			0.317%	
GRAIN STATES SOYA INC		WEST POINT		
FD-05-0093-12 SOY BEST PEARL				
Crude Protein:	41%		42.1%	
Crude Fat:	5.75%		6.4%	
Calcium:			0.303%	
Selenium:			1.05ppm	
GRAND CENTRAL BAKING COMPANY		SEATTLE		
FD-03-0037-12 BREAD DOUGH BY-PRODUCT				
Crude Protein:			9.9%	
Crude Fat:			2.4%	
Calcium:			0.0156%	
Phosphorous:			0.134%	
Sodium:			0.362%	
Selenium:			0.0837%	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

HARMON BREWERY CO & RESTAURANT

TACOMA

FD-03-0131-12 BREWER'S GRAINS BY-PRODUCT

Crude Protein:	6.1%
Crude Fat:	1%
Calcium:	0.0342%
Phosphorous:	0.156%
Sodium:	0.0084%
Copper:	4.36ppm
Selenium:	0.119ppm
Zinc:	24.5ppm

HAYES FEED & COUNTRY STORE

BURIEN

FD-03-0118-12 FLAX SEED

Crude Protein:	20.9%
Crude Fat:	43.5%
Calcium:	0.203%
Phosphorous:	0.569%

FD-03-0119-12 HEMP SEED

Crude Protein:	25.8%
Crude Fat:	30.1%
Calcium:	0.152%
Phosphorous:	0.901%

FD-03-0117-12 PADDY RICE

Crude Protein:	6.9%
Crude Fat:	1.9%
Calcium:	0.0469%
Phosphorous:	0.241%

FD-03-0116-12 SUN MEAT

Crude Protein:	21.9%
Crude Fat:	55.3%
Calcium:	0.119%
Phosphorous:	0.801%

IN SEASON FARMS LTD

ABBOTSFORD

FD-03-0114-12 16% ORGANIC GOAT FEED

Crude Protein:	16%	13.4%	D
Crude Fat:	2%	5%	

KALAMA EXPORT COMPANY

KALAMA

FD-02-0029-12 WHEAT DUST

Crude Protein:	6%	10.1%
Crude Fat:	1%	2.6%
Ash		11.6%

KULSHAN BREWING

BELLINGHAM

FD-03-0133-12 BREWERS GRAIN

Crude Protein:	4.5%
Crude Fat:	1.2%
Calcium:	0.0528%
Phosphorous:	0.144%
Salt:	0.03%
Copper:	6.11ppm
Selenium:	0.0792ppm
Zinc:	35.3ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

LAND O' LAKES ANIMAL MILK PRODUCTS
BLACK RIVER FALLS
FD-03-0025-12 CALF BALANCE 22

Crude Protein:	22%		22.9%
Crude Fat:	15%		21.8%
Calcium:	0.75%	1.25%	0.71%
Phosphorous:	0.7%		0.644%

LAND O' LAKES PURINA FEED LLC
SPOKANE
FD-05-0051-12 AMP CALF PREMIX

Calcium:	27%	32%	29.2%
Potassium:	0.01%		0.0442%
Selenium:	24ppm		7.26ppm D

FD-05-0066-12 DAIRY 16 TX SACK

Crude Protein:	16%		16.6%
Crude Fat:	2.5%		3.54%
Calcium:	0.8%	1.3%	1.14%
Phosphorous:	0.5%		0.501%
Selenium:	0.3ppm		0.799ppm

FD-05-0027-12 ISLAND GAME COCK MIX

Crude Protein:	15.5%		14.7% D
Lysine:	0.64%		0.574%
Methionine:	0.25%		0.236%
Crude Fat:	5.4%		4.9% D
Calcium:	0.7%	1.2%	0.558%
Phosphorous:	0.45%		0.47%

FD-05-0059-12 LAMB FEED

Crude Protein:	18%		18.6%
Crude Fat:	3.5%		4.1%
Calcium:	0.7%	1.2%	0.903%
Phosphorous:	0.3%		0.45%
Selenium:	0.3ppm		0.781ppm
Zinc:	115ppm		169ppm

FD-03-0026-12 NATURE'S MADE SOW & PIG COMPLETE

Crude Protein:	16%		16%
Crude Fat:	2.5%		3.5%
Calcium:	0.6%	1.1%	0.692%
Phosphorous:	0.5%		0.468%
Salt:	0.3%	0.8%	0.72%
Selenium:	0.3ppm		0.574ppm
Zinc:	125ppm		146ppm

FD-03-0027-12 START & GROW SUNFRESH MP 0.0125%

Crude Protein:	18%		19.4%
Crude Fat:	3%		4.1%
Calcium:	0.75%	1.25%	0.713%
Phosphorous:	0.6%		0.682%
Salt:	0.35%	0.85%	0.36%

LAND O'LAKES PURINA FEED LLC
SHOREVIEW
FD-04-0012-12 LAND O'LAKES AS 700 2&2

Crude Protein:	8		13.3
Crude Fiber:		29%	8.3%
Calcium:	5.5%	6%	6.41%
Chlorotetracycline	2g/100 lbs		2g/100 lbs

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	
FD-04-0014-12	TM CRUMBLES 2G MEDICATED			
Crude Protein:	9.5%		12.2%	
Crude Fiber:		13%	9%	
Oxytetracycline:	2g/100 lbs		2g/100 lbs	
LAUGHLIN CARTRELL INC		CARLTON		
FD-02-0003-12	SOY HULL PELLETS			
Crude Protein:	9%		11.3%	
Crude Fat:			2.2%	
Calcium:			0.532%	
Selenium:			0.249ppm	
Moisture	14%		12%	
LOUIS DREYFUS COMMODITIES		CLAYPOOL		
FD-05-0100-12	WHOLE WHITE WHEAT			
Crude Protein:			10.6%	
Crude Fat:			1.4%	
Calcium:			0.0393%	
Selenium:			0.04ppm	
LUCERNE FARMS INC		FORT FAIRFIELD		
FD-05-0071-12	HI FIBER			
Crude Protein:	9%		8.7%	
Crude Fat:	1.5%		1.7%	
Calcium:	0.4%	0.7%	0.422%	
Phosphorous:	0.2%		0.218%	
MACARINA BAKERY AND CAFÉ		SEATTLE		
FD-03-0045-12	BAKERY BY-PRODUCT WASTE			
Crude Protein:			12.6%	
Crude Fat:			7.8%	
Calcium:			0.0318%	
Phosphorous:			0.151%	
Selenium:			0.463ppm	
MADRONA SPECIALITY FOODS		TUKWILA		
FD-03-0021-12	CRACKER BY-PRODUCT			
Crude Protein:			14%	
Crude Fat:			2.7%	
Selenium:			0.04ppm	
MID VALLEY MILLING		PROSSER		
FD-05-0104-12	ORCHARD GRASS PELLETS			
Crude Protein:	10%		12.3%	
Crude Fat:	2.6%		2.6%	
Calcium:			0.815%	
Selenium:			0.04ppm	
MISSION FOODS		FIFE		
FD-03-0035-12	FLOUR AND CORN TORTILLAS			
Crude Protein:			6.3%	
Crude Fat:			4%	
Calcium:			0.104%	
Phosphorous:			0.255%	
Sodium:			0.566%	
Selenium:			0.428ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

NATURA PET PRODUCTS	FREMONT
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FD-07-0004-12 INNOVA SENIOR ADULT DOG FOOD 2034-48

Crude Protein:	4.4%	8.4%
Crude Fat:	3.2%	6.3%

NATURES PATH FOODS USA INC	BLAINE
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FD-03-0001-12 CORN FINES

Crude Protein:	8.7%
Crude Fat:	5.3%
Calcium:	0.018%
Phosphorous:	0.748%
Selenium:	0.042ppm

FD-03-0002-12 PUMPKIN SEED MIXTURE

Crude Protein:	9.5%
Crude Fat:	14.7%
Calcium:	0.0484%
Phosphorous:	0.34%
Selenium:	0.694ppm

FD-03-0003-12 RICE

Crude Protein:	7.8%
Crude Fat:	0.7%
Calcium:	0.028%
Phosphorous:	0.347%
Selenium:	0.12ppm

NORTH AMERICAN SALT COMPANY	OVERLAND PARK
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FD-05-0072-12 SE-90 TRACE MINERAL SALT W/ SELENIUM

Copper:	280ppm	420ppm	525ppm	D
Selenium:	90ppm		133ppm	
Zinc:	3500ppm		4440ppm	
Manganese:	1800ppm		2280ppm	

NORTH FORK BREWERY	DEMING
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FD-03-0135-12 BREWER'S GRAIN

Crude Protein:	4.7%
Crude Fat:	1.3%
Calcium:	0.0715%
Phosphorous:	0.175%
Salt:	0.03%
Copper:	5.6ppm
Selenium:	0.479ppm
Zinc:	38.4ppm

NUTRENA	MINNEAPOLIS
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FD-03-0142-12 NATURESMART ORGANIC LAYER COMPLETE

Crude Protein:	16%	15.6%
Crude Fat:	2.5%	3.6%
Calcium:	3.7%	4% 0.185% D
Phosphorous:	0.5%	0.0822% D
Salt:	0.3%	0.8% 0.4%

FD-03-0141-12 NATUREWISE ROLLED RATION

Crude Protein:	8%	8%
Crude Fat:	1%	2.1%

FD-02-0018-12 NATUREWISE ROLLED RATION

Crude Protein:	8%	8.9%
Crude Fat:	1%	2.3%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-03-0070-12 NUTRENA LAYER 16% PELLETS

Crude Protein:	16%		15.6%
Crude Fat:	2.5%		3.74%
Calcium:	3.4%	3.9%	3.07%
Phosphorous:	0.45		0.662
Sodium:	0.15%	0.15%	0.152%

FD-03-0096-12 NUTRENA PORKTRACK GOLD GRO PL

Crude Protein:	16%		16%
Crude Fat:	3%		4.2%
Calcium:	0.54%	1.04%	0.957%
Phosphorous:	0.6%		0.585%
Salt:	0.4%	0.7%	0.56%

FD-03-0144-12 ROCKY MOUNTAIN SWEET 3-WAY

Crude Protein:	8%		8.5%
Crude Fat:	1%		2%

FD-03-0100-12 SAFECHOICE ORIGINAL HORSE FEED

Crude Protein:	14%		16.1%
Crude Fat:	7%		7.1%
Calcium:	0.9%	1.2%	1.17%
Phosphorous:	0.7%		0.948%

FD-05-0087-12 STOCK & STABLE

Crude Protein:	14%		14.7%
Crude Fat:	2.5%		4%
Calcium:	1.05%	1.55%	1.53%
Phosphorous:	0.5%		0.708%
Potassium:	0.75%		1.06%
Copper:	10ppm	15ppm	9.18ppm
Selenium:	0.2ppm		0.976ppm
Zinc:	40ppm		113ppm

FD-03-0146-12 STOCK AND STABLE

Crude Protein:	14%		14.3%
Crude Fat:	2.5%		3.8%
Calcium:	1.05%	1.55%	1.49%
Phosphorous:	0.5%		0.691%
Salt:	0.5%	1%	0.9%
Potassium:	0.5%		1.18%
Copper:	10ppm	15ppm	9.59ppm
Selenium:	0.2ppm		0.432ppm
Zinc:	40ppm		89ppm

FD-02-0015-12 TRIUMPH SENIOR HORSE

Crude Protein:	14%		15.3%
Crude Fat:	3.5%		3.8%
Calcium:	0.65%	1%	0.93%
Phosphorous:	0.06%		0.789%
Copper:	30ppm		25.7ppm
Selenium:	0.3ppm		0.58ppm
Zinc:	120ppm		149ppm

OLD MILL COUNTRY STORE LLC

ELLENSBURG

FD-05-0095-12 2 WAY SCRATCH

Crude Protein:	10%		9.8%
Crude Fat:	2.5%		2.4%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-05-0097-12 SHOW BEEF MIX #1

Crude Protein:	13%		12.4%	D
NPN:		3.2%	1.88%	
Crude Fat:	3%		3.4%	
Calcium:	0.5%	0.6%	0.453%	
Phosphorous:	0.3%		0.366%	
Potassium:	0.53%		0.712%	

PACIFIC NORTHWEST MILLING

BELLEVUE

FD-05-0014-12 ALBERS COUNTRY PIG PELLET

Crude Protein:	14%		14.6%	
Lysine:	0.6%		0.381%	D
Crude Fat:	2.5%		3.2%	
Calcium:	0.8%	1.3%	0.8%	
Phosphorous:	0.6%		0.726%	
Selenium:	0.3ppm		1.1ppm	D
Zinc:	150ppm		146ppm	

FD-05-0067-12 PIG GROWER PIT

Crude Protein:	16%		17.7%	
Lysine:	0.75%		0.9967%	
Crude Fat:	3%		3.67%	
Calcium:	0.6%	1%	0.78%	
Phosphorous:	0.6%		0.539%	
Selenium:	0.3ppm		1.03ppm	
Zinc:	165ppm		188ppm	

PMI NUTRITION INTERNATIONAL INC

MCMINNVILLE

FD-05-0015-12 AQUAMAX 600

Crude Protein:	41%		41.8%	
Crude Fat:	12%		10.9%	
Calcium:	1.65%		1.71%	
Phosphorous:	1.1%		1.45%	

PURINA MILLS INC

ST LOUIS

FD-03-0023-12 4-SQUARE STOCKER / GROWER SUPREME 14N

Crude Protein:	14%		15.7%	
Crude Fat:	2.5%		4%	
Calcium:	1.75%	2.25%	1.82%	
Phosphorous:	0.5%		0.54%	
Salt:	0.75%	1.25%	1.41%	
Selenium:	0.3ppm		0.612ppm	

FD-02-0043-12 4-SQUARE STOCKER/GROWER SPRM 14N TX

Crude Protein:	14%		14.6%	
Crude Fat:	2.5%		3.7%	
Crude Fiber:	9%		6.8%	
Calcium:	0.9%	1.75%	1.72%	
Phosphorous:	0.5%		0.442%	
Potassium:	0.7%		1.72%	
Selenium:	0.3ppm		0.536ppm	

FD-03-0098-12 ALBERS ALL PURPOSE POULTRY & WATER FOWL CR

Crude Protein:	16%		16.6%	
Crude Fat:	2.5%		3.1%	
Calcium:	0.6%	1.1%	0.832%	
Phosphorous:	0.7%		0.598%	D
Salt:	0.2%	0.7%	0.55%	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-03-0091-12 ALL STOCK 12%

Crude Protein:	12%		12%
Crude Fat:	2%		4.23%
Calcium:	1%	1.5%	1.34%
Phosphorous:	0.5%		0.486%
Salt:	0.6%	1.1%	1.2%
Selenium:	0.2ppm		0.411ppm
Zinc:	55ppm		63.5ppm

FD-03-0125-12 ALL STOCK 14%

Crude Protein:	14%		13.7%
Crude Fat:	3%		3.9%
Calcium:	0.9%		1.07%
Phosphorous:	0.45%		0.563%
Salt:	0.3%		0.9244% D
Copper:	8ppm		14.8ppm
Selenium:	0.3ppm		0.49ppm

FD-05-0006-12 CATTLE MINERAL BVT

Calcium:	13%	15.5%	12.9%
Phosphorous:	6.5%		6.99%
Magnesium:	1.4%		1.34%
Potassium:	0.8%		0.977%
Copper:	650ppm		726ppm
Selenium:	23ppm		23.6ppm
Zinc:	2188ppm		2420ppm
Manganese:	1250ppm		1560ppm

FD-03-0148-12 COASTAL LIVESTOCK 12 TX

Crude Protein:	12%		12.3%
Crude Fat:	2.5%		3.7%
Calcium:	0.6%	1.1%	1.15%
Phosphorous:	0.5%		0.601%
Salt:	0.6%	1.1%	0.8%
Potassium:	0.5%		0.975%
Copper:	10ppm	12ppm	11.8ppm
Selenium:	0.1ppm		0.04ppm
Zinc:	40ppm		88.6ppm

FD-05-0085-12 COASTAL LIVESTOCK 12 TX

Crude Protein:	12%		12.4%
Crude Fat:	2.5%		3.8%
Calcium:	0.6%	1.1%	1.01%
Phosphorous:	0.5%		0.553%
Potassium:	0.75%		0.943%
Copper:	10ppm	12ppm	9.34ppm
Selenium:	0.1ppm		0.739ppm
Zinc:	40ppm		65.5ppm

FD-03-0099-12 COUNTRY ACRES ALL-STOCK 14% TEXTURED

Crude Protein:	14%		14.2%
Crude Fat:	3%		4%
Calcium:	0.8%	1.4%	0.8%
Phosphorous:	0.45%		0.575%
Salt:	0.3%	0.8%	0.95% D

FD-03-0080-12 DAIRY SPECIAL B16 COURSE

Crude Protein:	16%		16.2%
Crude Fat:	2%		3.9%
Crude Fiber:		10%	7.4%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-05-0005-12 DRY COW SUPPL - MINERAL

Calcium:	4.5%	6.5%	5.89%
Phosphorous:	5%		5.38%
Magnesium:	19%		19.8%
Selenium:	34ppm		29.9ppm

FD-05-0024-12 EQUINE SENIOR

Crude Protein:	14%		13.6%
Lysine:	0.7%		0.671%
Crude Fat:	5.5%		5%
Calcium:	0.6%	0.8%	0.83%
Phosphorous:	0.4%		0.464%
Copper:	55ppm		59ppm
Selenium:	0.3ppm		0.639ppm
Zinc:	220ppm		191ppm

FD-05-0028-12 GAME BIRD CHOW

Crude Protein:	20%		20.1%
Lysine:	0.9%		0.857%
Methionine:	0.3%		0.276%
Crude Fat:	2.5%		2.4%
Calcium:	2.5%	3.5%	2.45%
Phosphorous:	0.8%		1.01%

FD-03-0093-12 GOAT CHOW

Crude Protein:	16%		17.1%
Crude Fat:	2.5%		4.64%
Calcium:	0.8%	1.3%	1.15%
Phosphorous:	0.6%		0.604%
Salt:	0.75%	1.25%	1.25%
Copper:	39ppm	42ppm	33.8ppm
Selenium:	0.6ppm		0.699ppm

FD-03-0137-12 HOME GROWN ALL-PURPOSE POULTRY FEED

Crude Protein:	16%		16.4%
Crude Fat:	2.5%		4.3%
Calcium:	0.7%	1.2%	1.05%
Phosphorous:	0.6%		0.635%
Sodium:	0.01%	0.01%	0.115%

FD-03-0097-12 HONOR SHOW CHOW FITTER'S EDGE FLK B30

Crude Protein:	14%		15.1%
Crude Fat:	2.5%		3.8%
Calcium:	0.55%	1.05%	0.842%
Phosphorous:	0.5%		0.511%
Salt:	0.15%	0.65%	0.78% D

FD-05-0026-12 LAYENA SUNFRESH

Crude Protein:	16%		17.2%
Lysine:	0.55%		0.363% D
Methionine:	0.25%		0.243%
Crude Fat:	2.5%		3.1%
Calcium:	3.25%	4.25%	3.64%
Phosphorous:	0.5%		0.567%
Magnesium:			0.26
Manganese:	175ppm		134ppm

FD-03-0030-12 LAYENA SUNFRESH

Crude Protein:	16%		16.3%
Crude Fat:	2.5%		2.5%
Calcium:	3.25%	4.25%	2.89% D
Phosphorous:	0.5%		0.446%
Salt:	0.3%	0.8%	0.37%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-03-0094-12 LAYENA SUNFRESH RECIPE CRUMBLES

Crude Protein:	16%		17%
Crude Fat:	2.5%		4%
Calcium:	3.25%	4.25%	2.98%
Phosphorous:	0.5%		0.681%
Salt:	0.3	0.8	0.58

FD-05-0043-12 OMELENE 200

Crude Protein:	14%		17.4%
Crude Fat:	6%		6.5%
Calcium:	0.9%	1.2%	0.915%
Phosphorous:	0.5%		0.509%
Copper:	55ppm		65.1ppm
Selenium:	0.6ppm		0.836ppm
Zinc:	220ppm		234ppm

FD-05-0031-12 OMOLENE 200

Crude Protein:	14%		12%	D
Lysine:	0.7%		0.654%	
Crude Fat:	0.6%		6.2%	
Calcium:	0.9%	1.2%	0.544%	D
Phosphorous:	0.5%		0.454%	
Copper:	55ppm		37.2ppm	D
Selenium:	0.6ppm		0.398ppm	D
Zinc:	220ppm		123ppm	D

FD-02-0033-12 PURINA ALL ENERGY 20 CUBE

Crude Protein:	20%		18.3%	D
Crude Fat:	2%		3%	
Crude Fiber:		12%	6.4%	
Calcium:	2.5%	3.5%	2.71%	
Phosphorous:	1%		0.691%	D
Potassium:	0.5%		2.25%	
Selenium:	2.25ppm		2.13ppm	D

FD-04-0010-12 PURINA ANIMAX

Crude Protein:	28%		27.4%
Calcium:	1.25%	1.75%	1.21%
Salt:	0.2%	1%	0.51%
Copper:	25ppm		21.1ppm
Zinc:	140ppm		230ppm

FD-05-0021-12 PURINA CALF GROWER 16 DQ MEDICATED 10

Crude Protein:	16%		17.4%
Crude Fat:	2.5%		4.7%
Calcium:	0.5%	1.4%	0.944%
Phosphorous:	0.6%		0.703%
Selenium:	0.5ppm		0.814ppm

FD-03-0095-12 PURINA FLOCK RAISER SUNFRESH PELLET

Crude Protein:	20%		20.7%
Crude Fat:	3.5%		3.8%
Calcium:	0.8%	1.3%	1%
Phosphorous:	0.7%		0.821%
Salt:	0.35%	0.85%	0.49%

FD-04-0009-12 PURINA GAME BIRD FLIGHT CONDITIONER

Crude Protein:	19%		18.6%
Crude Fiber:		12%	6.3%
Calcium:	0.85%	1.35%	0.994%
Phosphorous:	0.8%		0.895%
Sodium:	0.1%	0.1%	0.245%
Salt:	0.35%	0.85%	0.59%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-04-0011-12 PURINA GAMEBIRD MAINTENANCE

Crude Protein:	12.5%		11.9%	D
Sodium:	0.005%	0.005%	0.129%	
Salt:	0.2%	0.7%	0.42%	

FD-03-0124-12 PURINA GOAT CHOW

Crude Protein:	16%		14%	D
Crude Fat:	2.5%		5.2%	
Calcium:	0.8%		0.837%	
Phosphorous:	0.6%		0.487%	D
Sodium:	0.1%	0.1%	0.308%	
Copper:	39ppm		28.4ppm	D
Selenium:	0.6ppm		0.37ppm	D

FD-04-0008-12 PURINA STARTENA FOR GAME BIRDS

Crude Protein:	30%		30.9%	
Phosphorous:	0.8%		0.854%	
Sodium:	0.1%	0.1%	0.195%	
Salt:	0.25%	0.75%	0.46%	

FD-03-0048-12 RABBIT CHOW GROW NATURAL ADVANTAGE

Crude Protein:	16%		15.6%	
Crude Fat:	3.5%		3.7%	
Crude Fiber:	18.5%	21.5%	18.6%	
Calcium:	0.7%	1.2%	0.849%	
Phosphorous:	0.4%		0.158%	D
Sodium:	0.5%	0.5%	0.383%	

FD-03-0029-12 SCRATCH GRAINS SUNFRESH

Crude Protein:	8%		7.9%	
Crude Fat:	1.5%		2.6%	
Calcium:			0.0187%	D
Phosphorous:	0.51		0.238	D
Salt:			0.16%	

FD-03-0086-12 SHEEP RATION

Crude Protein:	14%		16.5%	
Crude Fat:	2%		3.8%	
Crude Fiber:		15%	8.7%	
Calcium:	0.4%	0.9%	0.641%	
Phosphorous:	0.3%		0.734%	
Salt:	0.8%	1.3%	1.1%	
Selenium:	0.3ppm		0.423ppm	

FD-03-0017-12 SHOW CHOW FITTER'S EDGE

Crude Protein:	14%		15.8%	
Crude Fat:	2.5%		3.4%	
Calcium:	0.55%	1.05%	0.704%	
Phosphorous:	0.5%		0.536%	
Salt:	0.15%	0.65%	0.763%	
Selenium:	0.44ppm		0.636ppm	

FD-03-0084-12 SHOWLAMB GROWER TX DQ 0.0016%

Crude Protein:	18%		18.9%	
Crude Fiber:		9%	8.1%	
Calcium:	0.7%	1.2%	0.904%	
Phosphorous:	0.3%		0.372%	
Salt:	0.1%	0.6%	1.6%	D
Selenium:	0.3ppm		0.436ppm	
Zinc:	115ppm		123ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

FD-05-0025-12 START & GROW SUNFRESH MP 0.125%

Crude Protein:	18		17.8	
Lysine:	0.88%		0.873%	
Methionine:	0.32%		0.312%	
Crude Fat:	3%		3.3%	
Calcium:	0.75%	1.25%	0.812%	
Phosphorous:	0.6%		0.73%	

FD-05-0032-12 START TO FINISH PIG FEED

Crude Protein:	18%		18.4%	
Lysine:	1.15%		1.07%	
Crude Fat:	3%		3%	
Calcium:	0.6%	1.1%	0.6%	
Phosphorous:	0.6%		0.628%	
Zinc:	250ppm		247ppm	

FD-03-0126-12 STOCK GROWER

Crude Protein:	14%		14.7%	
Crude Fat:	2.5%		3.8%	
Crude Fiber:	9%		6.3%	
Calcium:	1.75%		1.97%	
Phosphorous:	0.6%		0.471%	D
Sodium:	0.75%	0.75%	0.651%	
Selenium:	0.3ppm		0.476ppm	

FD-03-0082-12 STOCKER/GROWER SPRM 14N TX

Crude Protein:	14%		15.1%	
Crude Fat:	2.5%		4.3%	
Crude Fiber:		9%	6.6%	
Calcium:	1.75%	2.25%	1.85%	
Phosphorous:	0.5%		0.482%	
Potassium:	0.7%		0.975%	
Selenium:	0.3ppm		0.427ppm	

FD-03-0150-12 SWEET MIX PLUS

Crude Protein:	9%		9%	
Crude Fat:	2.5%		4.6%	
Calcium:	0.2%	0.6%	0.238%	
Phosphorous:	0.2%		0.301%	
Salt:	0.2%	0.7%	0.7%	
Potassium:	0.5%		0.58%	
Copper:	5ppm	10ppm	8.89ppm	

FD-05-0007-12 WIND & RAIN ALL SEASON 7.5

Calcium:	13.5%	16%	18.61%	D
Phosphorous:	7.5%		6.76%	D
Magnesium:	1%		1.24%	
Potassium:	1%		1.19%	
Copper:	1200ppm		1180ppm	
Selenium:	27ppm		22.4ppm	
Zinc:	3600ppm		3330ppm	
Manganese:	3600ppm		2900ppm	

FD-05-0074-12 WIND & RAIN ALL SEASON 7.5 COMPLETE

Calcium:	13.5%	16%	12.1%	D
Phosphorous:	7.5%		9.63%	
Magnesium:	1%		0.883%	
Potassium:	1%		0.581%	D
Copper:	1200ppm		1770ppm	
Selenium:	27ppm		20.8ppm	D
Zinc:	3600ppm		4760ppm	
Manganese:	3600ppm		4810ppm	
Iodine, Min	60ppm		2.54ppm	D

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

QUALITY LIQUID FEEDS INC
GRANGER
FD-05-0064-12 S/G/BLEND 56

Crude Protein:	4%		4.3%
Crude Fat:	0.1%		1.52%
Calcium:	0.2%	0.7%	0.212%
Phosphorous:			0.216

QUINCY FOODS LLC
QUINCY
FD-05-0076-12 CORN

Crude Protein:			2.5%
Crude Fat:			1.9%
Calcium:			0.01%
Selenium:			0.04

FD-05-0075-12 LIMA BEANS

Crude Protein:			6.8%
Crude Fat:			0.7%
Calcium:			0.051%
Selenium:			0.04

RAM BIG HORN BREWERY
TACOMA
FD-03-0127-12 BREWER'S GRAINS BY-PRODUCT

Crude Protein:			5.5%
Crude Fat:			2.3%
Crude Fiber:			4.1%
Calcium:			0.0388%
Phosphorous:			0.127%
Sodium:			0.0063%
Copper:			3.65ppm
Selenium:			0.04ppm
Zinc:			21.9ppm

ROUND BUTTE SEED GROWERS INC
CULVER
FD-05-0022-12 CUSTOM PIGION

Crude Protein:	113%		13.6%
Crude Fat:	2.5%		2.5%

SCHWARTZ BROTHERS BAKERY
RENTON
FD-03-0034-12 BAGEL AND CHEESE BREAD

Crude Protein:			14.3%
Crude Fat:			8.1%
Calcium:			0.2234%
Phosphorous:			0.26%
Sodium:			0.641%
Selenium:			0.0898ppm

SCRATCH AND PECK
BELLINGHAM
FD-03-0101-12 3-GRAIN SCRATCH

Crude Protein:	9%		12.5%
Crude Fat:	2%		2.8%

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	
FD-02-0051-12 GOAT FEED				
Crude Protein:	15%		14.4%	D
Crude Fat:	3.5%		5%	
Calcium:	1.5%	1.85%	1.86%	
Phosphorous:	0.75%		0.92%	
Sodium:			0.4%	
Copper:	34ppm	40ppm	35.5ppm	
Selenium:	0.65ppm		1ppm	D
Ash			8.87%	
FD-02-0049-12 NATURALLY FREE LAYER				
Crude Protein:	16%		18.3%	
Crude Fat:	3%		3.8%	
Calcium:	3.5%	4.1%	2.97%	D
Phosphorous:	0.69%		0.685%	
Sodium:			0.138%	
Ash	15%		10.1%	
FD-02-0050-12 SOY FREE TURKEY GROWER				
Crude Protein:	20.5%		20.9%	
Crude Fat:	3.8%		4.3%	
Calcium:	0.87%	1.1%	1.16%	
Phosphorous:	0.8%		0.897%	
Ash			5.95%	
SEED FACTORY NW		KENT		
FD-03-0102-12 PREMIUM 4-WAY BLEND				
Crude Protein:	16%		19.8%	
Crude Fat:	33%		49.6%	
FD-03-0103-12 PREMIUM NO-GROW BLEND				
Crude Protein:	20.06%		21.8%	
Crude Fat:	37.6%		55.1%	
SKAGIT RIVER BREWERY		MOUNT VERNON		
FD-03-0077-12 DISTILLERS GRAINS				
Crude Protein:			6%	
Lysine:			0.19%	
Methionine:			0.074%	
Crude Fat:			2.1%	
Crude Fiber:			3.3%	
Calcium:			0.0294%	
Phosphorous:			0.157%	
Sodium:			0.0091%	
Selenium:			0.04ppm	
STANDARD DAIRY CONSULTANTS LLC		SUNNYSIDE		
FD-05-0091-12 DRIED CORN DISTILLERS				
Crude Protein:	25%		28.8%	
Crude Fat:	7%		10.7%	
Calcium:			0.0445%	
Selenium:			0.547ppm	
FD-05-0089-12 ENERGY II				
Crude Fat:	82.5%		81.3%	
Calcium:	9.5%		10.2%	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

STANDLEE HAY CO INC
EDEN
FD-05-0070-12 BEET PULP PELLETS

Crude Protein:	8%	8.8%
Crude Fat:	0.25%	0.52%

FD-02-0025-12 NPREMIUM ALFALFA PELLETS

Crude Protein:	16%	16.7%
Crude Fat:	1%	1.6%
Calcium:		1.37%
Selenium:		0.0752ppm
Moisture	12%	7.7%

FD-02-0028-12 PREMIUM ORCHARD GRASS PELLETS

Crude Protein:	8%	13.1%
Crude Fat:	1.8%	2.1%
Crude Fiber:		35%
Calcium:		0.86%
Selenium:		0.0919ppm
Moisture	12%	6.7%

TIMMERMANS FARM
CUSTER
FD-02-0054-12 ORGANIC FLAX MEAL

Crude Protein:	32%	30.9%	D
Crude Fat:	12%	14.8%	
Moisture		8.1%	

TWO RIVERS TERMINAL LLC
PASCO
FD-05-0035-12 ENERGIZER GOLD

Crude Fat:	85%	81.3%
Calcium:	8.5%	10.2%

FD-05-0036-12 MONODICALCIUM PHOSPHATE

Calcium:	14%	20.5%	24.5%	D
Phosphorous:	21%		16.5%	D

FD-05-0034-12 POWER - COP 25

Copper:	25.2%	25.1%
Sulfur		12.3%

FD-05-0038-12 POWER IRON 30

Iron		30.8%
Sulfur		17.5%

FD-05-0037-12 POWER MAG 10

Magnesium:	9.8%	9.62%
Sulfur		12.8%

FD-05-0039-12 POWER MAN 32

Magnesium:	32%	30.9%
Sulfur		17.9%

FD-05-0040-12 POWER ZINC 35

Zinc:	35%	37.2%
Sulfur		16.6%

FD-05-0033-12 UREA

Crude Protein:	287%	291%
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RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient	Min	Max	Found	

VITALIX INC
ALLIANCE
FD-05-0083-12 #4 NATURAL 22

Crude Protein:	22%	18.981%	D
Crude Fat:	3%	6.3%	
Calcium:	1%	1.5%	0.995%
Phosphorous:	1%	0.805%	D
Magnesium:	1%	1.02%	
Potassium:	3%	5.84%	
Copper:	250ppm	238ppm	
Selenium:	5ppm	5.96ppm	
Zinc:	750ppm	820ppm	
Manganese:	650ppm	742ppm	

WESTAQUA COMMODITY GROUP LTD
NORTH VANCOUVER BC
FD-02-0005-12 GRAIN SCREENING PELLETS

Crude Protein:	12	11.8
Crude Fat:	4.5%	5.9%

WESTWAY FEED PRODUCTS LLC
BURBANK
FD-05-0046-12 ULTRA FERM

Crude Protein:	29%		29.2%
Calcium:	0.4%	0.9%	0.649%
Phosphorous:	0.08%		0.101%

WINGMAN BREWERY CO.
TACOMA
FD-03-0129-12 BREWER'S GRAINS BY-PRODUCT

Crude Protein:	5.9%
Crude Fat:	2.4%
Calcium:	0.0374%
Phosphorous:	0.151%
Sodium:	0.0078%
Copper:	3.73ppm
Selenium:	0.04ppm
Zinc:	23.4ppm

WOLFKILL FEED AND FERTILIZER
STANWOOD
FD-02-0008-12 MORPORKY GROWER FINISHER

Crude Protein:	16%		15.6%
Crude Fat:	4%		5.4%
Calcium:	0.65%	0.95%	0.652%
Phosphorous:	0.7%		0.629%
Salt:	0.2%	0.4%	0.29%
Selenium:	0.3ppm		0.678ppm
Zinc:	100ppm		90.8ppm

FD-02-0007-12 RABBIT

Crude Protein:	24.4%	14.9%	D
Crude Fat:	5.4%	5.3%	
Calcium:	0.98%	2.08%	
Phosphorous:	0.9%	0.668%	D