

**Complete Starter Diet Specification (Phase 1) – Page 1 of 2** (updated December, 2011)

**Whey options**

Name: \_\_\_\_\_

Product name: Phase 1 Diet

Address: \_\_\_\_\_

Quantity, lb

Package size, lb

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Use: To be fed to pigs weighing 12 to 16 lb as a complete diet.

Date: \_\_\_\_\_

Price desired (circle one)

\$/ton FOB

Date Needed: \_\_\_\_\_

\$/ton Delivered

Ingredients	Units	Guaranteed Potency In Complete Diet			Sources
		1	2	3	
		Select one option			
		1	2	3	
Spray-dried whey	%	25.0	25.0	25.0	Edible grade from Land O'Lakes or equivalent
Spray-dried animal plasma	%	4.0	4.0	5.0	American Proteins, DuCoa, Merricks, or North Central Processors
Spray-dried blood meal or cells	%	1.25	---	1.25	American proteins, California Spray Dry, or Merricks
DPS 50 or PEP NS	%	3.0	---	---	Nutra-Flo (DPS-50) or Tech-Mix (PEP-NS)
PEP 2+	%	---	3.75	---	Tech-Mix
Corn	Minimum	38.0	38.0	38.0	
	Maximum	42.0	42.0	42.0	
Soybean meal, 46.5% protein	%	17.0	17.0	17.0	
Corn distiller grains with solubles	%	5.0	5.0	5.0	High quality DDGS with over 26% CP and over 10% fat
Fat	%	3.0	3.0	3.0	Soybean oil or choice white grease
Monocalcium phos (21% P)	%	0.85	0.90	0.85	
Limestone (38% Calcium)	%	0.85	0.80	0.85	
L-Lysine HCl	%	0.20	0.225	0.20	
DL-Methionine	%	0.125	0.125	0.125	
L-Threonine	%	0.075	0.075	0.05	
Salt	%	0.30	0.30	0.30	
Zinc oxide	%	0.39	0.39	0.39	
Acidifier	%	0.20	0.20	0.20	Kemgest, Syneracid, Digest acid, or Tetracid 500

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<b>Vitamins</b>	<b>Units</b>	<b>Guaranteed Potency Added per Ton of Complete Feed</b>	<b>Sources</b>
Vitamin A	IU	10,000,000	Vitamin A acetate (retinyl acetate)
Vitamin D	IU	1,250,000	Vitamin D <sub>3</sub> (cholecalciferol) with at least 50% supplied by a vitamin A/D <sub>3</sub> cross-linked beadlet
Vitamin E (Pick one source and provide source with quotation)	IU	60,000	dl- $\alpha$ -tocophorol acetate
	IU	30,000	d- $\alpha$ -tocophorol acetate (Natural vitamin E)
Vitamin K (menadione)	mg	4,000	MPB (Menadione dimethylpyrimidinol bisulfite) or MNB
Vitamin B <sub>12</sub>	mg	35	Cyanocobalamin
Niacin	mg	45,000	Niacinamide, Nicotinic acid
Pantothenic acid	mg	25,000	d-calcium pantothenate
Riboflavin	mg	7,500	Crystalline riboflavin
Choline	mg	150,000	Choline chloride
Pyridoxine	mg	2,000	Pyridoxine hydrochloride

<b>Minerals</b>	<b>Guaranteed Potency</b>		<b>Sources</b>
	<b>mg added per ton</b>	<b>ppm in final diet</b>	
Copper	15,000	16.5	Copper sulfate
Iodine	270	0.30	Ca iodate, Ethylenediamine dihydriodide (EDDI)
Iron	99,900	110	Ferrous sulfate, Ferrous carbonate
Manganese	30,000	33	Manganese sulfate, manganese oxide
Selenium	270	.30	Sodium selenite
Zinc	2,700,000	2,975	<b>Zinc oxide (MUST BE ZINC OXIDE)</b>
<b>Medication (As decided by the producer)</b>			
	<b>Units</b>	<b>Guaranteed Potency Added per Ton of Complete Feed</b>	<b>Sources (Decided by the producer)</b>

The following points must be followed unless approval for changes have been made:

- a) Must be pelleted in 1/8 or 3/32" pellets.
- b) Guaranteed to stay free-flowing, lump free, and non-dusty.
- c) When bagged, all bags must be labeled with tags. Tags should include date of manufacture, lot number, guaranteed analysis, inclusion rate, and proposed use of the product.
- d) Formulate using the guaranteed analysis from the supplier for the nutrient. We can request label copies of your ingredients and copies of your mixing records to show quantities of ingredients per batch.
- e) Permission must be obtained before using an alternative source for any ingredient.

**Complete Starter Diet Specification (Phase 1) – Page 1 of 2** (updated December, 2011)

**Whey permeate options**

Name: \_\_\_\_\_

Product name: Phase 1 Diet

Address: \_\_\_\_\_

Quantity, lb \_\_\_\_\_

Package size, lb \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Use: To be fed to pigs weighing 12 to 16 lb as a complete diet.

Date: \_\_\_\_\_

Price desired (circle one)

\$/ton FOB

Date Needed: \_\_\_\_\_

\$/ton Delivered

Ingredients	Units	Guaranteed Potency In Complete Diet			Sources
		1	2	3	
		Select one option			
		1	2	3	
Spray-dried whey	%	12.5	12.5	12.5	Edible grade from Land O'Lakes or equivalent
Whey permeate	%	11.25	11.25	11.25	Land O'Lakes, Dairylac 80 or equivalent
Spray-dried animal plasma	%	4.0	4.0	5.0	American Proteins, DuCoo, Merricks, or North Central Processors
Spray-dried blood meal or cells	%	1.25	---	1.25	American proteins, California Spray Dry, or Merricks
Menhaden fish meal	%	1.25	1.25	1.25	Special Select Menhaden from Omega Proteins
DPS 50 or PEP NS	%	3.0	---	---	Nutra-Flo (DPS-50) or Tech-Mix (PEP-NS)
PEP 2+	%	---	3.75	---	Tech-Mix
Corn	Minimum	38.0	38.0	38.0	
	Maximum	42.0	42.0	42.0	
Soybean meal, 46.5% protein	%	17.0	17.0	17.0	
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Fat	%	3.0	3.0	3.0	Soybean oil or choice white grease
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Limestone (38% Calcium)	%	0.85	0.80	0.80	
L-Lysine HCl	%	0.225	0.25	0.225	
DL-Methionine	%	0.125	0.125	0.125	
L-Threonine	%	0.10	0.10	0.075	
Salt	%	0.30	0.30	0.30	
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