

WELCOME



We at New-Life Mills are pleased to present you with our Pacemaker Feeding Program Guide.

Our team of professionals at New-Life Mills provides up-to-date nutrition and on-farm service as part of our value to our customer.

We appreciate your business. We succeed when you succeed!

Alan Heimbecker ~ President



Nadine Schwandt ~
General Manager, Feed Division

Our nutrition and technical support staff, along with our marketing representatives, have many years of experience to share with respect to the swine industry.

It is our belief that you will find the products included in this booklet a valuable asset to your operation.



Picture of Chris

Welcome to the New-Life Mills Pacemaker Feeding Program Guide.

We take a great deal of pride in all of our Pacemaker rations, keeping in mind the need for adaptability and the passion for performance in every type of pork producing system.

Pacemaker rations are tried, tested and proven. The programs are predictable and consistent, designed with the flexibility to meet the specific requirements of your operation. We aim for the highest standards of performance from the smallest to the largest of operations.

Pacemaker rations are nutritionally fine-tuned and well balanced, using only the finest of ingredients available. It is important to note that they are not least cost formulas.

Segregating the premium ingredients from the average, is what sets Pacemaker products above the rest.

Products and programs are well supported by trained, knowledgeable staff, insuring you get the best value possible.

New-Life Mills Pacemaker swine products, programs and service are “*simply the best*”, looking out for your bottom line as we continue ‘Feeding your Future’.

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Chris Fullam
Swine Business Manager

ABOUT NEW-LIFE MILLS



New-Life Mills is a division of Parrish and Heimbecker that is dedicated to the future of agriculture in Canada.

Feed formulations are monitored continuously by our nutritional staff to ensure the best mix of ingredients for today's high yielding and environmentally conscious operations.

In addition to focusing on animal performance, New-Life Mills has also emphasized Food Safety through Feed Assure (HACCP) accreditation. Three strategically placed, Feed Assure certified mills produce a complete line of poultry, swine and ruminant feeds.

HACCP (Hazard Analysis Critical Control Points) is a food safety program designed to identify and minimize risks through the implementation of Good Manufacturing Practices (GMPs). Every aspect of feed production including incoming ingredients, sanitation, facilities, shipping and employee training complies with strict guidelines and procedures to ensure that risks to human food safety are minimized.

An example of this program is that New-Life Mills has ruminant feeds made only at two dedicated feed plants, Wyoming and Inkerman. The Wyoming facility supplies feed for ruminant livestock throughout Southwestern Ontario whereas the Inkerman facility does so for producers in Eastern Ontario. These plants do not carry ruminant meat and bone meal (restricted meat and bone meal), thereby reducing the risk that this material would be present in ruminant feeds made by New-Life Mills.

Personnel and management at all three plants have years of experience in working with producers and take personal pride in the performance generated by the manufactured products. Order desk staff are outstanding and along with a group of dedicated, experienced and professional sales representatives ensure that all producer concerns are addressed.

As a leader in the introduction of new livestock and poultry technology, New-Life Mills aims to exceed your expectations with outstanding service in an environment that ensures food and animal safety.

With the best possible combination of people, products and services, New-Life Mills is 'Feeding Your Future'.

COMPLETE FEEDS

Breeding Herd Rations

Product Code:	552000
Product Name:	Pacemaker Sow & Gilt Breeder Ration Complete Pellets
Crude Protein (Min)	15.9%
Crude Fat (Min)	5.0%
Crude Fibre (Max)	3.8%
Calcium (Act)	0.9%
Phosphorus (Act)	0.7%
Sodium (Act)	0.2%
Copper (Act)	21 mg/kg
Zinc (Act)	145 mg/kg
Vitamin A (Min)	11,010 IU/kg
Vitamin D (Min)	1,500 IU/kg
Vitamin E (Min)	66 IU/kg
Directions for use:	Feed Pacemaker Complete Sow & Gilt Breeder Ration to sows from weaning until breeding at a rate of 3.5 to 5.0 kg daily.

Pacemaker Gestation Rations

Rations targeting the specific nutritional needs of pregnant sows and their fetuses, resulting in large, healthy litters, balanced sow condition and minimal variation within the herd.

Pacemaker Lactation Rations

Palatable, well-balanced rations that encourage intake, producing heavy weanlings while maintaining sow condition.

Product Code:	552200	562300
Product Name:	Pacemaker Gestation Sow Complete Pellets (20% DDGS)	Pacemaker Hi-Fibre Gestation Sow Complete Pellets (20% DDGS)
Crude Protein (Min)	16.4%	16.4%
Crude Fat (Min)	4.1%	3.8%
Crude Fibre (Max)	9.2%	9.7%
Calcium (Act)	0.9%	0.9%
Phosphorus (Act)	0.7%	0.8%
Sodium (Act)	0.2%	0.3%
Copper (Act)	19 mg/kg	18 mg/kg
Zinc (Act)	149 mg/kg	143 mg/kg
Vitamin A (Min)	11,010 IU/kg	11,010 IU/kg
Vitamin D (Min)	1,500 IU/kg	1,500 IU/kg
Vitamin E (Min)	66 IU/kg	66 IU/kg
Directions for use:	Feed Pacemaker Complete Gestation Sow to dry sows at a rate of 2.0 to 2.5 kg daily.	Feed Pacemaker Complete Hi-Fibre Gestation Sow to dry sows at a rate of 2.5 to 3.0 kg daily.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Breeding Herd Rations

Product Code:	554600
Product Name:	Pacemaker Complete Gilt Gestation Ad Lib Ration Pellets
Crude Protein (Min)	13.3%
Crude Fat (Min)	1.9%
Crude Fibre (Max)	22.3%
Calcium (Act)	0.8%
Phosphorus (Act)	0.6%
Sodium (Act)	0.2%
Copper (Act)	22 mg/kg
Zinc (Act)	149 mg/kg
Vitamin A (Min)	11,010 IU/kg
Vitamin D (Min)	1,500 IU/kg
Vitamin E (Min)	66 IU/kg
Directions for use:	Feed Pacemaker Complete Gilt Ad Lib Ration to dry sows at a rate of 3.5 kg daily.

Product Code:	552400	562400
Product Name:	Pacemaker Lactation Sow Complete Pellets (10% DDGS)	Pacemaker Lactation Sow Complete Mash (10% DDGS)
Crude Protein (Min)	22.2%	21.4%
Crude Fat (Min)	4.9%	5.1%
Crude Fibre (Max)	4.8%	4.9%
Calcium (Act)	0.9%	0.9%
Phosphorus (Act)	0.7%	0.7%
Sodium (Act)	0.2%	0.2%
Copper (Act)	23 mg/kg	22 mg/kg
Zinc (Act)	155 mg/kg	155 mg/kg
Vitamin A (Min)	11,010 IU/kg	11,010 IU/kg
Vitamin D (Min)	1,500 IU/kg	1,500 IU/kg
Vitamin E (Min)	100 IU/kg	100 IU/kg
Directions for use:	Feed Pacemaker Complete Lactation Sow to lactating sows as the sole ration.	Feed Pacemaker Complete Lactation Sow to lactating sows as the sole ration.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Breeding Herd Rations

Product Code:	552100
Product Name:	Pacemaker All Purpose Sow Complete Pellets (20% DDGS)
Crude Protein (Min)	19.5%
Crude Fat (Min)	4.1%
Crude Fibre (Max)	5.8%
Calcium (Act)	0.9%
Phosphorus (Act)	0.7%
Sodium (Act)	0.2%
Copper (Act)	20 mg/kg
Zinc (Act)	150 mg/kg
Vitamin A (Min)	11,010 IU/kg
Vitamin D (Min)	1,500 IU/kg
Vitamin E (Min)	66 IU/kg
Directions for use:	Feed Pacemaker Complete All Purpose Sow to sows as the sole ration.

Product Code:	552500	551900
Product Name:	Pacemaker Complete Working Boar Ration with Boarstart™ Pellets (10% DDGS)	Pacemaker Complete Working Boar Ration Pellets (10% DDGS)
Crude Protein (Min)	16.2%	16.3%
Crude Fat (Min)	3.3%	3.1%
Crude Fibre (Max)	5.5%	5.5%
Calcium (Act)	0.8%	0.8%
Phosphorus (Act)	0.7%	0.7%
Sodium (Act)	0.2%	0.2%
Copper (Act)	26 mg/kg	26 mg/kg
Zinc (Act)	182 mg/kg	1885 mg/kg
Vitamin A (Min)	12,000 IU/kg	12,000 IU/kg
Vitamin D (Min)	1,500 IU/kg	1,500 IU/kg
Vitamin E (Min)	250 IU/kg	250 IU/kg
Directions for use:	Feed Pacemaker Complete Working Boar Ration to boars.	Feed Pacemaker Complete Working Boar Ration to boars.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Nursery Programs

Pacemaker Reflex Creep Feed

- *Palatable*
- *pH & Nutritionally Balanced*
- *Cost effective*

As the saying goes, for every action there is a reaction. REFLEX OSG Pig Creep Ration capitalizes on this theory by providing your piglets with the best possible start, optimizing the potential for growth and health.

Nutritionally and pH balanced, this formula delivers nutrients from only the highest quality ingredients, ensuring your investment is cost effective and yields high returns.

The benefits of Cold Micro Pelleting combine with a smooth, palatable meal that promotes and enhances the efficiency of the piglet's digestive system, stimulates a healthy active immune response system and creates a natural transition between milk and solid feed.

Create a REFLEX reaction in your herd!

Product Code:	12022700
Product Name:	Pacemaker Reflex Creep Feed
Crude Protein (Min)	23.1%
Crude Fat (Min)	6.0%
Crude Fibre (Max)	2.1%
Calcium (Act)	0.8%
Phosphorus (Act)	0.7%
Sodium (Act)	0.4%
Copper (Act)	125 mg/kg
Zinc (Act)	2,375 mg/kg
Vitamin A (Min)	11,500 IU/kg
Vitamin D (Min)	1,500 IU/kg
Vitamin E (Min)	100 IU/kg
Directions for use:	Feed Pacemaker Reflex Creep Feed as the sole ration to pigs from 4 to 6 kg in body weight.

This feed contains added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Nursery Programs

Pacemaker Starter Rations

A full range of complete nursery feeds and supplements to suit the requirements of both your pigs and your style of feeding system.

Amino acid balanced rations are formulated with superior ingredients that focus on the swine digestive system, reducing incidents of scouring.

Product Code:	550000	550200	550300	550400	550500	550600	550700	550800
Product Name:	Pacemaker 4.5-7.0 Complete Pig Starter Pellets	Pacemaker 5-8 Complete Pig Starter Pellets	Pacemaker 5-11 Complete Pig Starter Pellets	Pacemaker 7-11 Complete Pig Starter Pellets	Pacemaker 8-13 Complete Pig Starter Pellets	Pacemaker 10-15 Complete Pig Starter Pellets	Pacemaker 12-20 Complete Pig Starter Pellets	Pacemaker 14-30 Complete Pig Starter Pellets
Crude Protein (Min)	23.9%	21.2%	21.1%	20.9%	20.6%	21.8%	21.3%	20.9%
Crude Fat (Min)	4.7%	5.1%	5.2%	5.8%	5.6%	5.8%	5.1%	4.7%
Crude Fibre (Max)	2.0%	2.4%	2.7%	2.9%	3.1%	3.7%	3.8%	4.4%
Calcium (Act)	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%
Phosphorus (Act)	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%
Sodium (Act)	0.4%	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg
Zinc (Act)	2,315 mg/kg	2,318 mg/kg	2,315 mg/kg	154 mg/kg	158 mg/kg	161 mg/kg	161 mg/kg	160 mg/kg
Vitamin A (Min)	11,011 IU/kg	11,020 IU/kg	11,005 IU/kg	11,000 IU/kg	11,017 IU/kg	11,014 IU/kg	11,007 IU/kg	11,000 IU/kg
Vitamin D (Min)	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg
Vitamin E (Min)	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	44 IU/kg
Directions for use:	Feed Pacemaker 4.5-7.0 Complete Pig Starter to pigs from 4.5 to 7.0 kg in body weight.	Feed Pacemaker 5-8 Complete Pig Starter to pigs from 5 to 8 kg in body weight.	Feed Pacemaker 5-11 Complete Pig Starter to pigs from 5 to 11 kg in body weight.	Feed Pacemaker 7-11 Complete Pig Starter to pigs from 7 to 11 kg in body weight.	Feed Pacemaker 8-13 Complete Pig Starter to pigs from 8 to 13 kg in body weight.	Feed Pacemaker 10-15 Complete Pig Starter to pigs from 10 to 15 kg in body weight.	Feed Pacemaker 12-20 Complete Pig Starter to pigs from 12 to 20 kg in body weight.	Feed Pacemaker 14-30 Complete Pig Starter to pigs from 14 to 30 kg in body weight.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Nursery Programs

Product Code:	557000	557200	557400	557600	557800	558000	558200
Product Name:	Plasma Free 4.5-7.0 Complete Pig Starter Pellets	Plasma Free 5-8 Complete Pig Starter Pellets	Plasma Free 7-11 Complete Pig Starter Pellets	Plasma Free 8-13 Complete Pig Starter Pellets	Plasma Free 10-15 Complete Pig Starter Pellets	Plasma Free 12-20 Complete Pig Starter Pellets	Plasma Free 14-30 Complete Pig Starter Pellets
Crude Protein (Min)	23.7%	21.4%	20.8%	20.4%	20.0%	19.6%	19.2%
Crude Fat (Min)	5.27%	5.7%	6.1%	5.7%	5.6%	5.0%	4.6%
Crude Fibre (Max)	2.1%	2.4%	2.8%	2.9%	3.1%	3.1%	4.1%
Calcium (Act)	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%
Phosphorus (Act)	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%
Sodium (Act)	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg
Zinc (Act)	2,324 mg/kg	2,322 mg/kg	159 mg/kg	158 mg/kg	158 mg/kg	157 mg/kg	155 mg/kg
Vitamin A (Min)	11,045 IU/kg	11,016 IU/kg	11,014 IU/kg	11,012 IU/kg	11,010 IU/kg	11,010 IU/kg	11,000 IU/kg
Vitamin D (Min)	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg	1,500 IU/kg
Vitamin E (Min)	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	100 IU/kg	44 IU/kg
Directions for use:	Feed Plasma Free 4.5-7.0 Complete Pig Starter to pigs from 4.5 to 7.0 kg in body weight.	Feed Plasma Free 5-8 Complete Pig Starter to pigs from 5 to 8 kg in body weight.	Feed Plasma Free 7-11 Complete Pig Starter to pigs from 7 to 11 kg in body weight.	Feed Plasma Free 8-13 Complete Pig Starter to pigs from 8 to 13 kg in body weight.	Feed Plasma Free 10-15 Complete Pig Starter to pigs from 10 to 15 kg in body weight.	Feed Plasma Free 12-20 Complete Pig Starter to pigs from 12 to 20 kg in body weight.	Feed Plasma Free 14-30 Complete Pig Starter to pigs from 14 to 30 kg in body weight.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Finisher Programs

Pacemaker Grower & Finisher Rations

Well balanced and designed to meet the genetic needs of today and tomorrow, these rations produce a competitive, predictable cost per kg of high quality, high indexing pork.

Product Code:	550900	551000	551200	551400	551600
Product Name:	Pacemaker 18-25 Complete Pre-Grower Pellets (15% DDGS)	Pacemaker 25-50 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker 50-70 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker 70-90 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker 90-Mkt Grower/ Finisher Complete Pellets (20% DDGS)
Crude Protein (Min)	21.0%	20.4%	18.8%	18.3%	17.2%
Crude Fat (Min)	4.6%	5.1%	5.4%	5.0%	4.5%
Crude Fibre (Max)	4.9%	5.7%	6.0%	5.9%	5.9%
Calcium (Act)	0.6%	0.7%	0.6%	0.6%	0.6%
Phosphorus (Act)	0.5%	0.5%	0.5%	0.5%	0.5%
Sodium (Act)	0.2%	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg
Zinc (Act)	140 mg/kg	120 mg/kg	116 mg/kg	116 mg/kg	115 mg/kg
Vitamin A (Min)	8,255 IU/kg	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg
Vitamin D (Min)	1,300 IU/kg	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg
Vitamin E (Min)	34 IU/kg	24 IU/kg	24 IU/kg	24 IU/kg	24 IU/kg
Directions for use:	Feed Pacemaker 18-25 Complete Pre-Grower to pigs from 18 to 25 kg in body weight.	Feed Pacemaker 25-50 Grower/ Finisher Complete to pigs from 25 to 50 kg in body weight.	Feed Pacemaker 50-70 Grower/ Finisher Complete to pigs from 50 to 70 kg in body weight.	Feed Pacemaker 70-90 Grower/ Finisher Complete to pigs from 70 to 90 kg in body weight.	Feed Pacemaker 90-Mkt Grower/ Finisher Complete to pigs from 90 kg in body weight to market weight.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Finisher Programs

Product Code:	561000	561200	561400	561600
Product Name:	Pacemaker 25-50 Pig Grower/Finisher Complete Mash (20% DDGS)	Pacemaker 50-70 Pig Grower/Finisher Complete Mash (20% DDGS)	Pacemaker 70-90 Pig Grower/Finisher Complete Mash (20% DDGS)	Pacemaker 90-Mkt Pig Grower/Finisher Complete Mash (20% DDGS)
Crude Protein (Min)	20.7%	18.8%	18.4%	17.0%
Crude Fat (Min)	4.9%	4.6%	4.7%	4.5%
Crude Fibre (Max)	5.0%	5.7%	5.4%	5.5%
Calcium (Act)	0.7%	0.6%	0.6%	0.6%
Phosphorus (Act)	0.5%	0.5%	0.5%	0.5%
Sodium (Act)	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg
Zinc (Act)	123 mg/kg	120 mg/kg	119 mg/kg	117 mg/kg
Vitamin A (Min)	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg
Vitamin D (Min)	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg
Vitamin E (Min)	24 IU/kg	24 IU/kg	24 IU/kg	24 IU/kg
Directions for use:	Feed Pacemaker 25-50 Grower/ Finisher Complete to pigs from 25 to 50 kg in body weight.	Feed Pacemaker 50-70 Grower/ Finisher Complete to pigs from 50 to 70 kg in body weight.	Feed Pacemaker 70-90 Grower/ Finisher Complete to pigs from 70 to 90 kg in body weight.	Feed Pacemaker 90-Mkt Grower/ Finisher Complete to pigs from 70 to 90 kg in body weight.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Finisher Programs

Product Code:	551100	551300	551500	551700
Product Name:	Pacemaker 25-50 Com Barrow Grower/Finisher Complete Pellets (20% DDGS)	Pacemaker 50-70 Com Barrow Grower/Finisher Complete Pellets (20% DDGS)	Pacemaker 70-90 Com Barrow Grower/Finisher Complete Pellets (20% DDGS)	Pacemaker 90-Mkt Com Barrow Grower/Finisher Complete Pellets (20% DDGS)
Crude Protein (Min)	20.1%	18.3%	17.9%	16.7%
Crude Fat (Min)	4.2%	4.4%	4.4%	4.5%
Crude Fibre (Max)	5.5%	5.8%	5.8%	5.7%
Calcium (Act)	0.7%	0.6%	0.6%	0.6%
Phosphorus (Act)	0.5%	0.5%	0.5%	0.5%
Sodium (Act)	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg
Zinc (Act)	120 mg/kg	117 mg/kg	117 mg/kg	115 mg/kg
Vitamin A (Min)	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg
Vitamin D (Min)	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg
Vitamin E (Min)	24 IU/kg	24 IU/kg	24 IU/kg	24 IU/kg
Directions for use:	Feed Pacemaker 25-50 Com Barrow Grower/Finisher Complete to barrow pigs from 25 to 50 kg in body weight.	Feed Pacemaker 50-70 Com Barrow Grower/Finisher Complete to barrow pigs from 50 to 70 kg in body weight.	Feed Pacemaker 70-90 Com Barrow Grower/Finisher Complete to barrow pigs from 70 to 90 kg in body weight.	Feed Pacemaker 90-Mkt Com Barrow Grower/Finisher Complete to barrow pigs from 90 kg in body weight to market weight.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Finisher Programs

Product Code:	553100	553200	553400	553600	553800
Product Name:	Pacemaker Genetic Pig 25-40 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker Genetic Pig 40-60 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker Genetic Pig 60-80 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker Genetic Pig 80-100 Grower/ Finisher Complete Pellets (20% DDGS)	Pacemaker Genetic Pig 100-Mkt Grower/ Finisher Complete Pellets (20% DDGS)
Crude Protein (Min)	22.8%	20.7%	19.3%	17.7%	17.4%
Crude Fat (Min)	6.5%	6.2%	5.8%	5.4%	5.0%
Crude Fibre (Max)	5.7%	5.7%	6.0%	5.9%	5.9%
Calcium (Act)	0.7%	0.7%	0.6%	0.6%	0.6%
Phosphorus (Act)	0.6%	0.5%	0.5%	0.5%	0.5%
Sodium (Act)	0.2%	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg	125 mg/kg
Zinc (Act)	131 mg/kg	120 mg/kg	117 mg/kg	116 mg/kg	115 mg/kg
Vitamin A (Min)	6,922 IU/kg	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg
Vitamin D (Min)	1,205 IU/kg	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg
Vitamin E (Min)	35 IU/kg	24 IU/kg	24 IU/kg	24 IU/kg	24 IU/kg
Directions for use:	Feed Pacemaker Genetic 25-40 Grower/ Finisher Complete to pigs from 25 to 40 kg in body weight.	Feed Pacemaker Genetic 40-60 Grower/ Finisher Complete to pigs from 40 to 60 kg in body weight.	Feed Pacemaker Genetic 60-80 Grower/ Finisher Complete to pigs from 60 to 80 kg in body weight.	Feed Pacemaker Genetic 80-100 Grower/ Finisher Complete to pigs from 80 to 100 kg in body weight.	Feed Pacemaker Genetic 100-Mkt Grower/ Finisher Complete to pigs from 100 kg in body weight to market weight.

These feeds contain added selenium at a level of 0.3 mg/kg.

COMPLETE FEEDS

Finisher Programs

Product Code:	562600	562800	563000	561800
Product Name:	Pacemaker 25-50 Genetic Gilt Grower/ Finisher Complete Mash (10% DDGS)	Pacemaker 50-70 Genetic Gilt Grower/ Finisher Complete Mash (10% DDGS)	Pacemaker 70-115 Genetic Gilt Grower/ Finisher Complete Mash (10% DDGS)	Pacemaker 115-Breed Genetic Gilt Grower/ Finisher Complete Mash (10% DDGS)
Crude Protein (Min)	21.6%	17.9%	17.3%	16.8%
Crude Fat (Min)	4.7%	5.0%	4.6%	3.9%
Crude Fibre (Max)	4.5%	4.8%	4.8%	5.5%
Calcium (Act)	0.7%	0.7%	0.7%	1.0%
Phosphorus (Act)	0.6%	0.6%	0.5%	0.8%
Sodium (Act)	0.2%	0.2%	0.2%	0.2%
Copper (Act)	125 mg/kg	16 mg/kg	15 mg/kg	20 mg/kg
Zinc (Act)	122 mg/kg	116 mg/kg	115 mg/kg	146 mg/kg
Vitamin A (Min)	5,510 IU/kg	5,510 IU/kg	5,510 IU/kg	11,010 IU/kg
Vitamin D (Min)	1,100 IU/kg	1,100 IU/kg	1,100 IU/kg	1,500 IU/kg
Vitamin E (Min)	24 IU/kg	24 IU/kg	24 IU/kg	66 IU/kg
Directions for use:	Feed Pacemaker 25-50 Genetic Gilt Grower/ Finisher Complete to gilts from 25 to 50 kg in body weight.	Feed Pacemaker 50-70 Genetic Gilt Grower/ Finisher Complete to gilts from 50 to 70 kg in body weight.	Feed Pacemaker 70-115 Genetic Gilt Grower/ Finisher Complete to gilts from 70 to 115 kg in body weight.	Feed Pacemaker 115-Breed Genetic Gilt Grower/ Finisher Complete to gilts from 115 kg in body weight to breeding.

These feeds contain added selenium at a level of 0.3 mg/kg.

PREMIXES & SUPPLEMENTS

On Farm Manufacturing

When purchasing Pacemaker premixes or supplements for on farm manufacturing, you can be assured New-Life Mills has the product to fit the nutritional requirements of your herd in all stages of production.

New-Life has designed the programs to be flexible, economical and adaptable to all on farm stored commodities. Whether you have a dry or liquid feed delivery system, you can expect the best in formulation balancing.

Taking into account your herd's specific genetic and health status, processing and marketing requirements, New-Life's Pacemaker programs are a cut above the rest and are supported by a precessional service program.

Premixes

Product Code:	556200	556400	556600
Product Name:	Pacemaker Gestation Sow Premix Pellets	Pacemaker Lactating Sow Premix Pellets	Pacemaker All Purpose Sow Premix Pellets
Crude Protein (Min)	14.2%	18.0%	16.2%
Crude Fat (Min)	2.5%	2.3%	2.3%
Crude Fibre (Max)	5.1%	4.6%	4.7%
Calcium (Act)	7.9%	8.0%	7.9%
Phosphorus (Act)	3.9%	3.6%	3.9%
Potassium (Act)	0.7%	0.8%	0.7%
Magnesium (Act)	0.7%	0.6%	1.0%
Sulphur (Act)	0.4%	0.4%	0.4%
Sodium (Act)	1.8%	1.6%	1.8%
Salt Equivalent (Act)	4.6%	4.1%	4.6%
Manganese (Act)	574 mg/kg	569 mg/kg	568 mg/kg
Iron (Act)	2,802 mg/kg	2,659 mg/kg	2,808 mg/kg
Copper (Act)	156 mg/kg	158 mg/kg	157 mg/kg
Zinc (Act)	1,259 mg/kg	1,265 mg/kg	1,262 mg/kg
Iodine (Act)	5.0 mg/kg	5.0 mg/kg	5.0 mg/kg
Vitamin A (Min)	110,100 IU/kg	110,100 IU/kg	110,100 IU/kg
Vitamin D (Min)	15,000 IU/kg	15,000 IU/kg	15,000 IU/kg
Vitamin E (Min)	660 IU/kg	1,000 IU/kg	660 IU/kg
Directions for use:	Mix 100 kg of Pacemaker Gestation Sow Premix along with 120 kg of soybean meal and 780 kg of corn and feed to dry sows as the sole ration.	Mix 100 kg of Pacemaker Gestation Lactating Sow Premix along with 270 kg of soybean meal and 630 kg of corn and feed to lactating sows as the sole ration.	Mix 100 kg of Pacemaker All Purpose Sow Premix along with 175 kg of soybean meal and 725 kg of corn and feed to sows as the sole ration.

These feeds contain added selenium at a level of 3.0 mg/kg.

PREMIXES & SUPPLEMENTS

Premixes

Product Code:	555700	555800
Product Name:	Pacemaker 10-25 Pig Starter Premix Pellets	Pacemaker 14-25 Pig Starter Premix Pellets
Crude Protein (Min)	27.6%	17.1%
Crude Fat (Min)	3.0%	3.1%
Crude Fibre (Max)	3.2%	4.1%
Calcium (Act)	3.9%	6.6%
Phosphorus (Act)	1.9%	2.8%
Potassium (Act)	1.1%	0.7%
Magnesium (Act)	0.4%	0.6%
Sulphur (Act)	0.4%	0.4%
Sodium (Act)	1.1%	1.9%
Salt Equivalent (Act)	2.79%	4.8%
Manganese (Act)	317 mg/kg	566 mg/kg
Iron (Act)	1,628 mg/kg	2,717 mg/kg
Copper (Act)	714 mg/kg	1,250 mg/kg
Zinc (Act)	769 mg/kg	1,310 mg/kg
Cobalt	4.0 mg/kg	6.93 mg/kg
Iodine (Act)	7.2 mg/kg	12.6 mg/kg
Vitamin A (Min)	62,973 IU/kg	110,100 IU/kg
Vitamin D (Min)	8,571 IU/kg	15,000 IU/kg
Vitamin E (Min)	572 IU/kg	1,000 IU/kg
Directions for use:	Mix Pacemaker 10-25 Pig Starter Premix along with soybean meal and corn according to the following table and feed to pigs from 10-25 kg in body weight.	Mix Pacemaker 14-25 Pig Starter Premix along with soybean meal and corn according to the following table and feed to pigs from 14-25 kg in body weight.
Note:	This feed contains added selenium at a level of 1.71 mg/kg.	This feed contains added selenium at a level of 3.0 mg/kg.

	175 kg Pacemaker 10-25 Pig Starter Premix Pellets	100 kg Pacemaker 14-25 Pig Starter Premix Pellets
48% SBM	175 kg	250 kg
Dry Corn	650 kg	650 kg
Totals	1000 kg	1000 kg

PREMIXES & SUPPLEMENTS

Premixes

Product Code:	556000	556100
Product Name:	Pacemaker 25-Mkt Swine 60 Grower/ Finisher Premix Pellets	Pacemaker 25-Mkt Swine 60 Grower/ Finisher Premix Certified Humane Program Pellets
Crude Protein (Min)	16.2%	16.2%
Crude Fat (Min)	2.9%	3.0%
Crude Fibre (Max)	4.0%	4.6%
Calcium (Act)	8.3%	8.3%
Phosphorus (Act)	2.5%	2.5%
Potassium (Act)	0.6%	0.6%
Magnesium (Act)	0.8%	0.8%
Sulphur (Act)	0.4%	0.3%
Sodium (Act)	3.0%	3.0%
Salt Equivalent (Act)	7.6%	7.6%
Manganese (Act)	613 mg/kg	613 mg/kg
Iron (Act)	2,862 mg/kg	2,466 mg/kg
Copper (Act)	2,006 mg/kg	173 mg/kg
Zinc (Act)	1,510 mg/kg	1,510 mg/kg
Iodine (Act)	6.8 mg/kg	6.8 mg/kg
Vitamin A (Min)	91,852 IU/kg	91,852 IU/kg
Vitamin D (Min)	18,337 IU/kg	18,337 IU/kg
Vitamin E (Min)	400 IU/kg	400 IU/kg
Directions for use:	Mix Pacemaker 25-Mkt Swine 60 Grower/Finisher Premix along with soybean meal and corn according to the following table and feed to pigs from 25 kg in body weight to market weight.	Mix Pacemaker 25-Mkt Swine 60 Grower/Finisher Premix along with soybean meal and corn according to the following table and feed to pigs from 25 kg in body weight to market weight.

These feeds contain added selenium at a level of 5.0 mg/kg.

	Grower (25-50 kg)	Developer (50-70 kg)	Finisher 1 (70-90 kg)	Finisher 2 (90 kg to Mkt.)
25-Mkt. Swine 60 Px.	60 kg	60 kg	60 kg	60 kg
48% SBM	225 kg	170 kg	150 kg	110 kg
Dry Corn	715 kg	770 kg	790 kg	830 kg
Totals	1000 kg	1000 kg	1000 kg	1000 kg

PREMIXES & SUPPLEMENTS

Supplements

Pacemaker Express Sow TD Supplement

*Improved udder development
Better lifetime sow performance*

Start your herd off right by increasing milk production in first parity gilts/sows. During first lactation this udder development sets the limit for future milk production. Correct lactation feeding will positively affect the lifetime performance of the sow. Your herd will have a higher potential average of milk production and the foundation necessary for:

- Heavier piglets
- Earlier return to estrus
- Better sow condition
- Higher quality 2nd litter

Express Top Dress has been designed to achieve these goals with only 1.5 kg per day.

Scientifically formulated to compliment Pacemaker lactation rations, Express Top Dress has the ability to enhance any lactation ration.

Start topdressing the feed at day five and your herd will be well on its way toward a lifetime of benefits.

Product Code:	555100
Product Name:	Pacemaker Express Sow TD Supplement
Crude Protein (Min)	33.1%
Crude Fat (Min)	19.6%
Crude Fibre (Max)	20.6%
Calcium (Act)	5.4%
Phosphorus (Act)	0.9%
Potassium (Act)	0.7%
Magnesium (Act)	1.5%
Sulphur (Act)	0.3%
Sodium (Act)	0.2%
Salt Equivalent (Act)	0.5%
Manganese	90 mg/kg
Iron (Act)	234 mg/kg
Copper (Act)	28 mg/kg
Zinc (Act)	154 mg/kg
Iodine (Act)	0.5 mg/kg
Vitamin A (Min)	11,010 IU/kg
Vitamin D (Min)	1,500 IU/kg
Vitamin E (Min)	190 IU/kg
Directions for use:	Feed Pacemaker Express Sow TD Supplement to lactation sows at a rate of 1.5 kg daily, according to the following table.

This feed contains added selenium at a level of 0.3 mg/kg.

Pacemaker Gestation Sow Feed	4.0 kg
Pacemaker Express Sow TD Supplement	1.5 kg

PREMIXES & SUPPLEMENTS

Supplements

Product Code:	555200	555400	556700	555000
Product Name:	Pacemaker Gestation Sow Supplement Pellets	Pacemaker Lactating Sow Supplement Pellets	Pacemaker Lactation Sow Stretcher Supplement	Pacemaker All Purpose Supplement Pellets
Crude Protein (Min)	29.9%	36.9%	32.0%	36.0%
Crude Fat (Min)	1.1%	5.8%	7.8%	1.0%
Crude Fibre (Max)	6.9%	4.3%	5.0%	5.1%
Calcium (Act)	0.7%	2.2%	1.81%	3.0%
Phosphorus (Act)	2.2%	1.4%	1.50%	1.9%
Potassium (Act)	1.3%	1.5%	1.35%	1.4%
Magnesium (Act)	0.5%	0.4%	0.27%	0.5%
Sulphur (Act)	0.4%	0.4%	0.33%	0.4%
Sodium (Act)	0.8%	0.4%	0.4%	0.7%
Salt Equivalent (Act)	2.0%	-	-	1.8%
Manganese (Act)	272 mg/kg	113 mg/kg	113 mg/kg	238 mg/kg
Iron (Act)	1,382 mg/kg	660 mg/kg	660 mg/kg	1,109 mg/kg
Copper (Act)	79 mg/kg	34 mg/kg	35 mg/kg	69 mg/kg
Zinc (Act)	591 mg/kg	282 mg/kg	282 mg/kg	499 mg/kg
Iodine (Act)	2.2 mg/kg	1.1 mg/kg	1.1 mg/kg	1.8 mg/kg
Vitamin A (Min)	48,958 IU/kg	24,000 IU/kg	24,000 IU/kg	40,076 IU/kg
Vitamin D (Min)	6,667 IU/kg	3,400 IU/kg	3,400 IU/kg	5,455 IU/kg
Vitamin E (Min)	294 IU/kg	245 IU/kg	245 IU/kg	240 IU/kg
Directions for use:	Mix 225 kg of Pacemaker Gestation Sow Supplement along with 775 kg of corn and feed to dry sows as the sole ration.	Mix 375 kg of Pacemaker Lactating Sow Supplement along with 625 kg of corn and feed to lactating sows as the sole ration.	Mix 500 kg of Pacemaker Lactation Sow Stretcher Supplement along with 500 kg of corn and feed to lactating sows as the sole ration.	Mix All Purpose Sow Supplement as per the following table.
Note:	This feed contains added selenium at a level of 1.33 mg/kg.	This feed contains added selenium at a level of 0.8 mg/kg.	This feed contains added selenium at a level of 0.6 mg/kg.	This feed contains added selenium at a level of 1.1 mg/kg.

	Lactation Sow	Dry Sow
All Purpose Sow Supplement	275 kg	175 kg
Corn	725 kg	810 kg
Vitaway White Label Sow 40	-	15 kg
Total	1,000 kg	1,000 kg

PREMIXES & SUPPLEMENTS

Supplements

Product Code:	555600	559900	559800
Product Name:	Pacemaker 10-25 Pig Starter Supplement Pellets	Pacemaker 14-25 Pig Starter Supplement Pellets (50% DDGS)	Pacemaker 25-Mkt Swine 210 Grower/Finisher Supplement Pellets
Crude Protein (Min)	37.6%	22.5%	25.1%
Crude Fat (Min)	2.0%	6.6%	7.6%
Crude Fibre (Max)	3.5%	6.5%	7.7%
Calcium (Act)	2.0%	3.3%	2.4%
Phosphorus (Act)	1.3%	1.4%	0.8%
Potassium (Act)	1.5%	0.8%	0.8%
Magnesium (Act)	0.3%	0.4%	0.4%
Sulphur (Act)	0.4%	0.3%	0.3%
Sodium (Act)	0.6%	1.0%	1.0%
Salt Equivalent (Act)	1.5%	2.5%	2.4%
Manganese (Act)	176 mg/kg	297 mg/kg	187 mg/kg
Iron (Act)	874 mg/kg	1,271 mg/kg	716 mg/kg
Copper (Act)	357 mg/kg	625 mg/kg	590 mg/kg
Zinc (Act)	415 mg/kg	687 mg/kg	477 mg/kg
Cobalt	2.0 mg/kg	3.5 mg/kg	-
Iodine (Act)	3.6 mg/kg	6.3 mg/kg	1.9 mg/kg
Vitamin A (Min)	31,486 IU/kg	55,000 IU/kg	26,228 IU/kg
Vitamin D (Min)	4,286 IU/kg	7,500 IU/kg	5,236 IU/kg
Vitamin E (Min)	286 IU/kg	500 IU/kg	114 IU/kg
Directions for use:	Mix 350 kg of Pacemaker Pig Starter Supplement along with 650 kg of corn and feed to pigs from 10 to 25 kg in body weight.	Mix 200 kg of Pacemaker 14-25 Pig Starter Supplement along with soybean meal and corn according to the following table and feed to pigs from 14 to 25 kg in body weight.	Mix 210 kg of Pacemaker 25-Mkt Swine 210 Grower/Finisher Supplement along with soybean meal and corn according to the following table and feed to pigs from 25 kg in body weight to market weight.
Note:	This feed contains added selenium at a level of 0.86 mg/kg.	This feed contains added selenium at a level of 1.5 mg/kg.	This feed contains added selenium at a level of 1.43 mg/kg.

	Pacemaker 14-25 Pig Starter Supplement Pellets (50% DDGS)	Pacemaker 25-Mkt Swine 210 Grower/Finisher Supplement			
		Grower (25-50 kg)	Developer (50-70 kg)	Finisher 1 (70-90 kg)	Finisher 2 (90 kg to Mkt.)
Supplement	200 kg	210 kg	210 kg	210 kg	210 kg
48% SBM	240 kg	195 kg	139 kg	119 kg	79 kg
Dry Corn	560 kg	595 kg	651 kg	671 kg	711 kg
Totals	1000 kg	1000 kg	1000 kg	1000 kg	1000 kg

PREMIXES & SUPPLEMENTS

Supplements

Product Code:	558400	558600
Product Name:	Pacemaker Grower 325 Supplement Pellets	Pacemaker Developer 260 Supplement Pellets
Crude Protein (Min)	36.4%	35.6%
Crude Fat (Min)	2.4%	2.5%
Crude Fibre (Max)	5.7%	6.1%
Calcium (Act)	2.0%	2.2%
Phosphorus (Act)	1.1%	1.1%
Potassium (Act)	1.4%	1.4%
Magnesium (Act)	0.5%	0.6%
Sulphur (Act)	0.4%	0.4%
Sodium (Act)	0.6%	0.7%
Salt Equivalent (Act)	1.5%	1.8%
Manganese (Act)	146 mg/kg	172 mg/kg
Iron (Act)	684 mg/kg	728 mg/kg
Copper (Act)	382 mg/kg	473 mg/kg
Zinc (Act)	322 mg/kg	389 mg/kg
Iodine (Act)	1.36 mg/kg	1.6 mg/kg
Vitamin A (Min)	17,081 IU/kg	21,214 IU/kg
Vitamin D (Min)	3,410 IU/kg	4,235 IU/kg
Vitamin E (Min)	74 IU/kg	92 IU/kg
Directions for use:	Mix 325 kg of Pacemaker Grower 325 Supplement with 675 kg of dry corn to make one tonne of complete swine grower feed. Feed to pigs from 25 to 50 kg in body weight.	Mix 260 kg of Pacemaker Grower 260 Supplement with 740 kg of dry corn to make one tonne of complete swine developer feed. Feed to pigs from 50 to 70 kg in body weight.
Note:	This feed contains added selenium at a level of 0.9 mg/kg.	This feed contains added selenium at a level of 1.2 mg/kg.

PREMIXES & SUPPLEMENTS

Supplements

Product Code:	556900	556800
Product Name:	Pacemaker Grower/Finisher Swine 160 Supplement Pellets	Pacemaker Grower/Finisher Supplement Pellets (20% DDGS)
Crude Protein (Min)	23.7%	31.9%
Crude Fat (Min)	7.5%	4.9%
Crude Fibre (Max)	7.2%	6.1%
Calcium (Act)	3.2%	1.3%
Phosphorus (Act)	1.1%	0.7%
Potassium (Act)	0.7%	1.2%
Magnesium (Act)	0.4%	0.3%
Sulphur (Act)	0.3%	0.3%
Sodium (Act)	1.2%	0.5%
Salt Equivalent (Act)	3.0%	1.3%
Manganese (Act)	243 mg/kg	102 mg/kg
Iron (Act)	990 mg/kg	368 mg/kg
Copper (Act)	757 mg/kg	250 mg/kg
Zinc (Act)	602 mg/kg	228 mg/kg
Iodine (Act)	205mg/kg	0.8 mg/kg
Vitamin A (Min)	34,162 IU/kg	11,020 IU/kg
Vitamin D (Min)	6,820 IU/kg	2,200 IU/kg
Vitamin E (Min)	150 IU/kg	48 IU/kg
Directions for use:	Mix Pacemaker Grower/Finisher Supplement along with soybean meal and corn according to the following table and feed to pigs from 25 kg in body weight to market weight.	Mix Pacemaker Grower/Finisher Supplement along with corn according to the following table and feed to pigs.
Note:	This feed contains added selenium at a level of 1.88 mg/kg.	This feed contains added selenium at a level of 0.6 mg/kg.

	Grower (25-50 kg)	Developer (50-70 kg)	Finisher 1 (70-90 kg)	Finisher 2 (90 kg to Mkt)
Supplement 556900	160 kg	160 kg	160 kg	160 kg
48% SBM	215 kg	160 kg	140 kg	100 kg
Dry Corn	625 kg	680 kg	700 kg	740 kg
Totals	1000 kg	1000 kg	1000 kg	1000 kg

	Grower (25-50 kg)	Developer (50-75 kg)	Finisher (75-Mkt)
Supplement 556800	500 kg	415 kg	375 kg
Dry Corn	500 kg	585 kg	625 kg
Totals	1000 kg	1000 kg	1000 kg

PREMIXES & SUPPLEMENTS

Supplements

Product Code:	558800	559000
Product Name:	Pacemaker Finisher #1 245 Supplement Pellets	Pacemaker Finisher #2 200 Supplement Pellets
Crude Protein (Min)	35.4%	34.2%
Crude Fat (Min)	2.5%	2.1%
Crude Fibre (Max)	6.3%	6.7%
Calcium (Act)	2.3%	2.8%
Phosphorus (Act)	1.0%	1.1%
Potassium (Act)	1.3%	1.3%
Magnesium (Act)	0.7%	0.8%
Sulphur (Act)	0.4%	0.4%
Sodium (Act)	0.8%	0.9%
Salt Equivalent (Act)	2.0%	2.3%
Manganese (Act)	181 mg/kg	213 mg/kg
Iron (Act)	633 mg/kg	886 mg/kg
Copper (Act)	503 mg/kg	612 mg/kg
Zinc (Act)	411 mg/kg	491 mg/kg
Iodine (Act)	1.7 mg/kg	2.0 mg/kg
Vitamin A (Min)	22,591 IU/kg	27,550 IU/kg
Vitamin D (Min)	4,510 IU/kg	5,550 IU/kg
Vitamin E (Min)	98 IU/kg	120 IU/kg
Directions for use:	Mix 245 kg of Pacemaker Finisher #1 245 Supplement with 775 kg of dry corn to make one tonne of complete swine finisher feed. Feed pigs from 70 to 90 kg in body weight.	Mix 200 kg of Pacemaker Finisher #2 200 Supplement with 800 kg of dry corn to make one tonne of complete swine finisher feed. Feed pigs from 90 kg in body weight to market weight.
Note:	This feed contains added selenium at a level of 1.2 mg/kg.	This feed contains added selenium at a level of 1.5 mg/kg.

SAMPLE FEEDING PROGRAMS

Nursery							Start Weight 6	End Weight 32
Product Code	Product Name	Days	ADG (grams)	ADFI	F.C.	Amount	Gain	
550200	Pacemaker 5-8 Pig Starter	2	195	0.23	1.18	0.46	0.39	
550500	Pacemaker 8-13 Pig Starter	7	320	0.40	1.22	2.73	2.24	
550600	Pacemaker 10-15 Pig Starter	11	460	0.64	1.51	7.64	5.06	
550800	Pacemaker 14-30 Pig Starter	12	515	0.83	1.58	9.76	6.18	
550900	Pacemaker 18-25 Pig Pre-Grower	20	610	1.05	1.64	20.01	12.20	
Total/Avg		52	501	0.78	1.56	41.00	26.07	

Mixed Pig							Start Weight 25	End Weight 120
Product Code	Product Name	Days	ADG (grams)	ADFI	F.C.	Amount	Gain	
551000	Pacemaker 25-50 Pig Grower/Finisher	29	835	1.83	2.15	54	25	
551200	Pacemaker 50-70 Pig Grower/Finisher	23	860	2.18	2.45	49	20	
551400	Pacemaker 70-90 Pig Grower/Finisher	22	888	2.64	2.73	55	20	
551600	Pacemaker 90-Mkt Pig Grower/Finisher	30	975	3.23	3.20	96	30	
Total/Avg		104	913	2.44	2.67	253	95	

Barrow							Start Weight 25	End Weight 120
Product Code	Product Name	Days	ADG (grams)	ADFI	F.C.	Amount	Gain	
551100	Pacemaker 25-50 Comm Barrow Grower/Finisher	28	864	1.83	2.18	55	25	
551300	Pacemaker 50-70 Comm Barrow Grower/Finisher	22	888	2.18	2.47	49	20	
551500	Pacemaker 70-90 Comm Barrow Grower/Finisher	21	920	2.64	2.81	56	20	
551700	Pacemaker 90-Mkt Comm Barrow Grower/Finisher	30	980	3.23	3.24	97	30	
Total/Avg		101	941	2.55	2.71	257	95	

Gilt							Start Weight 25	End Weight 120
Product Code	Product Name	Days	ADG (grams)	ADFI	F.C.	Amount	Gain	
553100	Pacemaker 25-50 Genetic Pig Grower/Finisher	17	835	1.75	2.11	32	15	
553200	Pacemaker 50-70 Genetic Pig Grower/Finisher	23	840	1.83	2.12	42	20	
554400	Pacemaker 70-90 Genetic Pig Grower/Finisher	23	860	2.18	2.43	49	20	
553600	Pacemaker 90-Mkt Genetic Pig Frower/Finisher	22	900	2.64	2.65	53	20	
553800	Pacemaker 100-Mkt Genetic Pig Grower/Finisher	21	950	3.23	3.13	63	20	
Total/Avg		106	896	2.25	2.51	238	95	

PACEMAKER PRODUCT LIST

550000	4.5-7 Pig Starter	555100	Express Sow TD Supplement
550200	5-8 Pig Starter	555200	Gestation Sow Supplement
550300	5-11 Pig Starter	555400	Lactation Sow Supplement
550400	7-11 Pig Starter	555600	10-25 Pig Starter Supplement
550500	8-13 Pig Starter	555700	10-25 Pig Starter Premix
550600	10-15 Pig Starter	555800	14-25 Pig Starter Premix
550700	12-20 Pig Starter	556000	25-Mkt Swine Gwr/Fin Premix 60
550800	14-30 Pig Starter	556100	CH 25-Mkt Swine Gwr/Fin Premix 60
550900	18-25 Pig Pre-Gwr	556200	Gestation Sow Premix
551000	25-50 Pig Gwr/Fin	556400	Lactation Sow Premix
551100	25-50 Commercial Barrow Gwr/Fin	556600	All Purpose Sow Premix
551200	50-70 Pig Gwr/Fin	556700	Lactation Sow Stretcher Supplement
551300	50-70 Commercial Barrow Gwr/Fin	556800	Gwr/Fin Swine Supplement
551400	70-90 Pig Gwr/Fin	556900	Gwr/Fin Swine Supplement 160
551500	70-90 Commercial Barrow Gwr/Fin	557000	Plasma Free Pig Starter 4.5 - 7.0
551600	90-Mkt Pig Gwr/Fin	557200	Plasma Free Pig Starter 5.0 - 8.0
551700	90-Mkt Commercial Barrow Gwr/Fin	557400	Plasma Free Pig Starter 7.0 - 11.0
551800	115-Breed Genetic Gilt Fin	557600	Plasma Free Pig Starter 8.0 - 13.0
551900	Working Boar	557800	Plasma Free Pig Starter 10.0 - 15.0
552000	Sow Breeder	558000	Plasma Free Pig Starter 12.0 - 20.0
552100	All Purpose Sow	558200	Plasma Free Pig Starter 14.0 - 30.0
552200	Sow Gestation	558400	Swine Gwr Supplement 325
552300	HF Sow Gestation	558600	Swine Developer Supplement 260
552400	Lactation Sow	558800	Swine Fin 1 Supplement 245
552500	Working Boar BS	559000	Swine Fin 2 Supplement 200
552600	25-50 Genetic Gilt Gwr/Fin	559800	25-Market Swine Gwr/Fin Supplement 210
552800	50-70 Genetic Gilt Gwr/Fin	559900	14-25 Swine Starter Supplement
553000	70-115 Genetic Gilt Gwr/Fin	561000	25-50 Pig Gwr/Fin
553100	24-40 Genetic Pig Gwr/Fin	561200	50-70 Pig Gwr/Fin
553200	40-60 Genetic Pig Gwr/Fin	561400	70-90 Pig Gwr/Fin
553400	60-80 Genetic Pig Gwr/Fin	561600	90-Mkt Pig Gwr/Fin
553600	80-100 Genetic Pig Gwr/Fin	561800	115-Breed Genetic Gilt Finisher
553800	100-Mkt Genetic Pig Gwr/Fin	562400	Lactation Sow Mash
554000	TP 25-50 Genetic Gilt G/F	562600	25-50 Genetic Gilt Gwr/Fin
554200	TP 50-70 Genetic Gilt G/F	562800	50-70 Genetic Gilt Gwr/Fin
554400	TP 70-115 Genetic Gilt G/F	563000	70-115 Genetic Gilt Gwr/Fin
554600	Gilt Gestation Ad Lib		
555000	All Purpose Sow Supplement		

INDUSTRY CONSULTANTS

About this information

From time to time New-Life Mills has requests for reliable industry consultants. To answer this call we have compiled a list of companies and individuals serving agri-business in Ontario.

Financial Assessment

The Canadian Farm Business Advisory Services provide a range of advisory services to help producers set goals for their business and develop plans to meet those goals.

There are three services available - each designed to help producers off-set the cost of hiring independent 3rd party business management and planning services from a private sector advisor.

- Farm Business Assessment
- Specialized Business Planning Services
- Planning and Assessment for Value-Added Enterprises

To learn more about each of these services visit
http://www.omafra.gov.on.ca/english/busdev/facts/advise_services.htm

Structural Engineering

Tacoma Engineers Inc. - Our team is the backbone of our success. Our people reinforce a strong technical knowledge with pride in their work and a practical, common-sense approach. An innovative attitude permeates through our team. It creates progress, opportunity and increases the quality of work.

All of our staff continuously educate themselves and others through trade associations, seminars, college and university courses.

We believe in community and we actively participate in helping to build the communities in which we live.

Will Teron, P.Eng.
Senior Structural Engineer, Associate
Tacoma Engineers Inc.
176 Speedvale Ave West
Guelph, ON N0B 1S0
Ph 519-763-2000 x19 Fax 519-824-2000
www.tacomaengineers.com

R.J. Burnside & Associates Limited offers engineering and science-based solutions to clients in Canada and overseas. Our team of over 280 structural, civil, mechanical and electrical engineers, environmental scientists and planners and administrative staff are dedicated to meeting our clients needs in:

- Engineering
- Agricultural Building Design
- Waste Management Assistance
- Environmental Assessment

Let us bring value, technical expertise, and proven experience to resolve your issues.

For Environmental and Agricultural Expertise:

Lyle Parsons
15 Townline
Orangeville, ON L9W 3R4
Ph 519-941-5331 Fax 519-941-8120

For Building Design:

Mike Cotton or Ed Talsma
Box 919 - 332 Lorne Ave. East
Stratford, ON N5A 6S6
Ph 519-271-5111 Fax 519-271-3790

www.rjburnside.com

INDUSTRY CONTACTS

Air Quality

Harry Huffman is an agricultural engineer providing ventilation and heating expertise to the livestock and poultry industry. He specializes in on-farm ventilation consults and draws from 35 years experience. Contact Harry for...

- Advice on ventilation system planning: new construction / system upgrades / preparation of a recommended system to obtain various quotes.
- In-barn ventilation troubleshooting and recommendations for improvement.
- Detailed ventilation system analysis utilizing computer software for simulated animal growth in different weather conditions and their varying requirements for heating and cooling.
- Developing of room specific controller strategies (including customized charts) to aid the producer with proper settings for the heaters, ventilation fans and air inlets.

Harry Huffman, P. Eng.
Agricultural Engineer
86 Southfield Cres.
London, ON N6K 2B7
Ph 519-474-4958 Fax 519-474-4959
Email harryhuffman@rogers.com

Water & Soil Quality

Agri-Food Laboratories is the largest independently owned agricultural facility in Ontario. We provide analytical services for feed, soil and water as well as quality control testing for agricultural manufacturing of feed and fertilizer.

Agri-Food Laboratories
1-503 Imperial Road North
Guelph, ON N1H 6T9
Ph 519-837-1600 or 1-800-265-7175
Fax 519-837-1242
Email lab@agtest.com

The New-Life Mills nutrition team, Drs Dan Ganesh and Jim Blackman, is available to advise on water quality test results for livestock and poultry.

Environmental Concerns

Crop Quest Inc. was formed in March 2001 to provide a nutrient management consulting service to Ontario farmers.

Jeff Bannerman C.C.A.-ON is a full time nutrient management consultant as well as a certified crop advisor with Crop Quest Inc. He has been preparing nutrient management plans for 4 years, working from his home in Listowel and travel to customer sites.

Jeff's previous experience includes work in the Co-op system in the Mitchell, Listowel and Drayton areas. His position as a municipal councilor and place on the planning board for North Perth have provided some great insight that has proved helpful in his clients' projects.

Jeff Bannerman C.C.A.-ON
73 Albert Street SS1
Mitchell, ON N0K 1N0
Ph 519-291-5007 Fax 519-348-0030
Email cropquest@quadro.net
www.cropquest.ca

Commodity Marketing

Parrish & Heimbecker, Limited, having approximately 1200 employees across Canada and the northern U.S., operates a variety of subsidiary companies covering all aspects of the agricultural field.

Parrish and Heimbecker Limited, as agents and accredited exporters for the CWB, are able to purchase from producers all grains handled by the Board and as well offer aggressive pricing and contracting programs for feed grains, oilseeds and special crops.

Soybeans:

Matt Gardner
Parrish & Heimbecker, Limited
6733 Mississauga Road, Suite 308
Mississauga, ON L5N 6J5
Ph 905-821-9139 ext. 228 or Cell 519-494-1282
Email mgardner@parheim.com

INDUSTRY CONTACTS

Corn:

Mark McCormack
Parrish & Heimbecker, Limited
6733 Mississauga Road, Suite 308
Mississauga, ON L5N 6J5
Ph 905-821-9139 ext. 231 or Cell 416-735-3304
Email mmccormack@parheim.com

Wheat:

Todd Ross
Parrish & Heimbecker, Limited
6733 Mississauga Road, Suite 308
Mississauga, ON L5N 6J5
Ph 905-821-9139 ext. 203 or Cell 416-451-6996
Email tross@parheim.com

www.parheim.mb.ca

Human Resources

Blake Bexon owns and operates Bexon Consulting, an independent practice specializing in human resources and project management as well as training material development and delivery.

His thirty year career includes farming, managing human resources for a major Canadian agribusiness company and freelance human resource work for clients in government, farming, industry and the not-for-profit sector.

Blake Bexon
183 Ailsa Craig Main
Ailsa Craig, ON N0M 1A0
Ph 519-293-3231

Health & Safety

As of June 30, 2006, Ontario's Occupational Health & Safety Act (OHSA) has been extended to cover farming operations.

Under the OHSA, the duties of employers include providing information, instruction and supervision to workers; advising workers about hazards in the workplace; and notifying the MOL of workplace fatalities and critical injuries. Employers with six or more regularly employed workers also have to develop an occupational health and safety policy and program. Visit www.fsai.on.ca for the name of a health and safety consultant in your area or to obtain a health and safety manual particular to your operation.

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Farm Safety Association
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Ph 519-823-5600 or 1-800-361-8855
Email info@farmsafety.ca
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