

# Laboratory Mini-Pig Grower Diet

# Laboratory Mini-Pig Grower Diet 3/8"

**5081\***  
**5L0U\***

## DESCRIPTION

Laboratory Mini-Pig Grower Diet is a Constant Nutrition® diet low in energy to restrict growth rate and animal size. The high fiber content allows animals to satisfy hunger on less feed. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

### Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- Low in energy, high in fiber to restrict growth rate, yet satisfy hunger

### Product Forms Available

- 5081: Pellet, 4 (5/32") mm x 6 (1/4") mm length
- 5L0U: Pellet, 10 (3/8") mm x 19 (3/4") mm length

### Other Versions Available

- 5LT6 Laboratory Mini-Pig Grower Diet (2 ton min)

## GUARANTEED ANALYSIS

Crude protein not less than	14.0%
Crude fat not less than	2.5%
Crude fiber not more than	18.0%
Ash not more than	7.5%

## INGREDIENTS

Ground oats, wheat middlings, dehydrated alfalfa meal, dehulled soybean meal, dried beet pulp, calcium carbonate, cane molasses, salt, DL-methionine, dicalcium phosphate, monocalcium phosphate, cholecalciferol, folic acid, choline chloride, pyridoxine hydrochloride, vitamin A acetate, dl-alpha tocopheryl acetate, calcium pantothenate, riboflavin, thiamin mononitrate, biotin, vitamin B<sub>12</sub> supplement, nicotinic acid, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

## FEEDING DIRECTIONS

This product is a low energy, high-fiber diet for pigs and is positioned for animals where high palatability and rapid growth is not desired. The level of feed intake depends on many factors including environmental temperature, other feed available and activity. The feeding levels suggested below are appropriate for average living conditions. For maintenance of adult animals, regulate feed to a level to maintain body weight without putting on excess fat. A level of 1-2% of the animal's body weight works well for many owners. Feed to managed pigs following Laboratory Mini-Pig Starter 5080 or to other pigs being maintained. Mix this product with equal amounts of starter and feed for 3-5 days to help adjust animals to new feed. Regulate the amount of ration to control the growth rate as desired, generally a feeding rate of 1.5-3% of the animal's body weight daily.

### Follow these management practices:

- Provide a source of fresh, clean water and adequate drinking space per pig at all times.
- Provide a draft-free pen with clean, dry sleeping area.
- When using a self-feeder, make sure it is adjusted to minimize feed wastage.
- Feeders should be well managed so as to provide adequate feeder space, prevent moisture condensation, mold growth and insect infestation.
- Consult your veterinarian for recommended health programs in your area.

## CHEMICAL COMPOSITION<sup>1</sup>

### Nutrients<sup>2</sup>

<b>Protein, %</b>	<b>14.0</b>
Arginine, %	0.74
Cystine, %	0.21
Glycine, %	0.63
Histidine, %	0.30
Isoleucine, %	0.73
Leucine, %	1.04
Lysine, %	0.57
Methionine, %	0.35
Phenylalanine, %	0.68
Tyrosine, %	0.47
Threonine, %	0.54
Tryptophan, %	0.23
Valine, %	0.72
Serine, %	0.63
Aspartic Acid, %	1.28
Glutamic Acid, %	3.12
Alanine, %	0.59
Proline, %	1.16
Taurine, %	<0.01

**Fat (ether extract), %** .28

**Fat (acid hydrolysis), %** .45

Cholesterol, ppm	0
Linoleic Acid, %	1.35
Linolenic Acid, %	0.08
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.08
Total Saturated Fatty Acids, %	0.54
Total Monounsaturated	
Fatty Acids, %	0.83

**Fiber (Crude), %** .15.0

Neutral Detergent Fiber<sup>3</sup>, % .36.3

Acid Detergent Fiber<sup>4</sup>, % .18.7

**Nitrogen-Free Extract**

**(by difference), %** .51.0

Starch, % .24.0

Glucose, % .0.20

Fructose, % .0.65

Sucrose, % .1.31

Lactose, % .0

**Total Digestible Nutrients, %** .60.7

**Gross Energy, kcal/gm** .3.85

**Physiological Fuel Value<sup>5</sup>,**

**kcal/gm** .2.85

**Metabolizable Energy,**

**kcal/gm** .2.41

**Minerals**

**Ash, %** .7.2

Calcium, % .0.85

Phosphorus, % .0.50

Phosphorus (non-phytate), % .0.23

Potassium, % .0.88

Magnesium, % .0.27

Sulfur, % .0.26

Sodium, % .0.25

Chlorine, % .0.43

Fluorine, ppm .2.2

Iron, ppm .280

Zinc, ppm .150

Manganese, ppm .140

Copper, ppm .19

Cobalt, ppm .0.5

Iodine, ppm .1.2

Chromium, ppm .0.1

Selenium, ppm .0.52

### Vitamins

Carotene, ppm .Trace

Vitamin K (as menadione), ppm .2.1

Thiamin Hydrochloride, ppm .11

Riboflavin, ppm .10

Niacin, ppm .74

Pantothenic Acid, ppm .25

Choline Chloride, ppm .1500

Folic Acid, ppm .8.4

Pyridoxine, ppm .5.0

Biotin, ppm .0.3

B<sub>12</sub>, mcg/kg .22

Vitamin A, IU/gm .8.8

Vitamin D<sub>3</sub> (added), IU/gm .4.4

Vitamin E, IU/kg .60

Ascorbic Acid, mg/gm .—

### Calories provided by:

Protein, % .19.635

Fat (ether extract), % .8.836

Carbohydrates, % .71.529

### \*Product Code

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemicellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.