



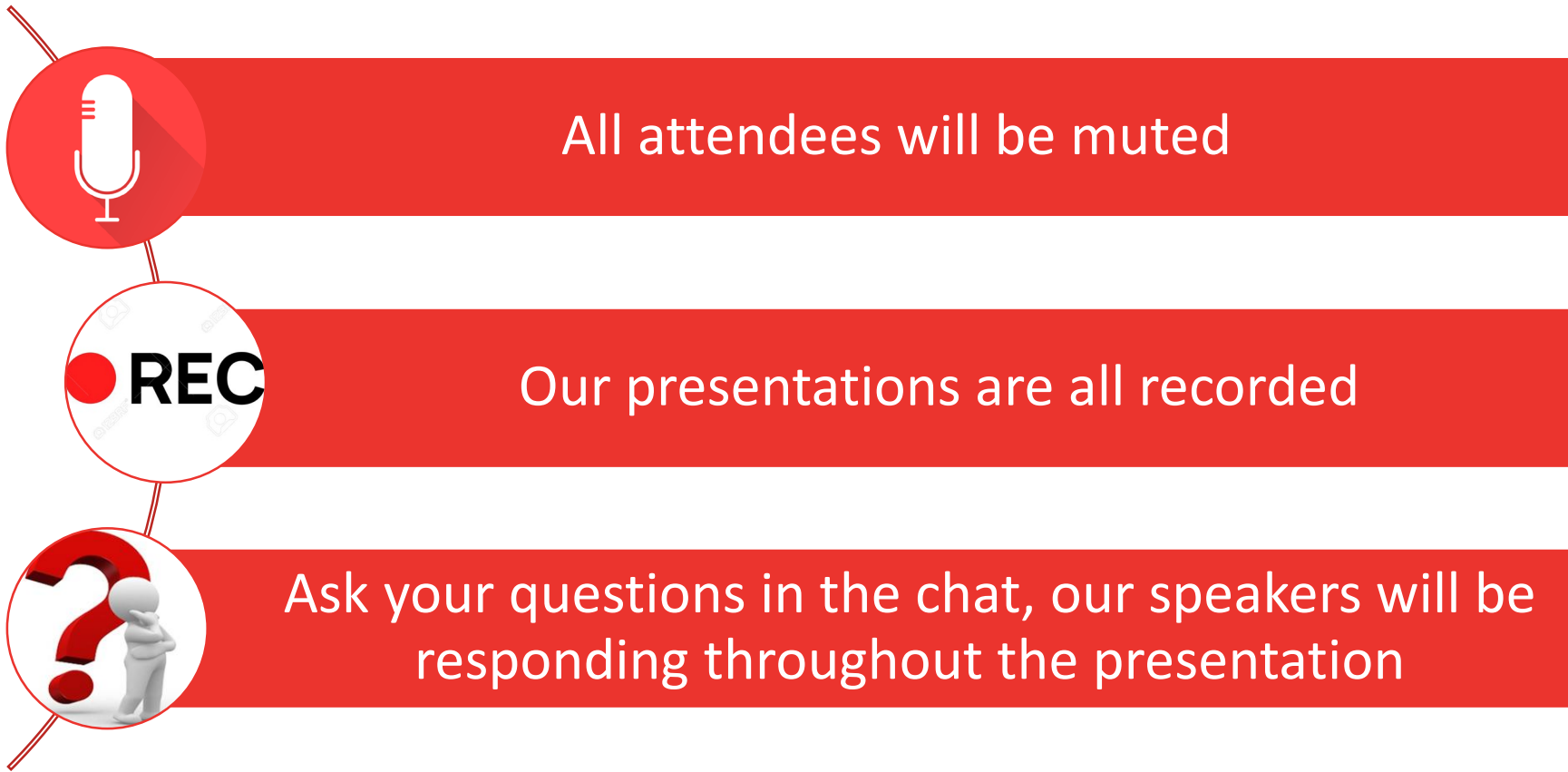
Never Stop Improving
Global Technical Services

Welcome PIC Nutrition Seminar 2021

PIC Global Technical Services Team
June, 30th

PIC[®]

Housekeeping



Presenters

 Never Stop Improving
*Nutrition & Wean-to-Finish
Technical Services*



Uislei Orlando
PIC Global Nutrition Team



Ronan Casserly
PIC Global Nutrition Team



Carine Vier
PIC Global Nutrition Team



Steve Dritz
PIC Global Technical
Services



Ilia Zubtsov
PIC Russia Technical Services



Isaac Huerta
PIC Europe Technical Services

Agenda

1. Nutrition and feeding **guidelines update**
2. Nutrition updates for **hyper-prolific farms** (gilts/sows)
3. Nutrition updates **Wean-Finish**
4. **Question and answer** session



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PIC Nutrition and Feeding Guidelines

PIC Global Nutrition and Technical Services
PIC Nutrition Seminar – June, 30th

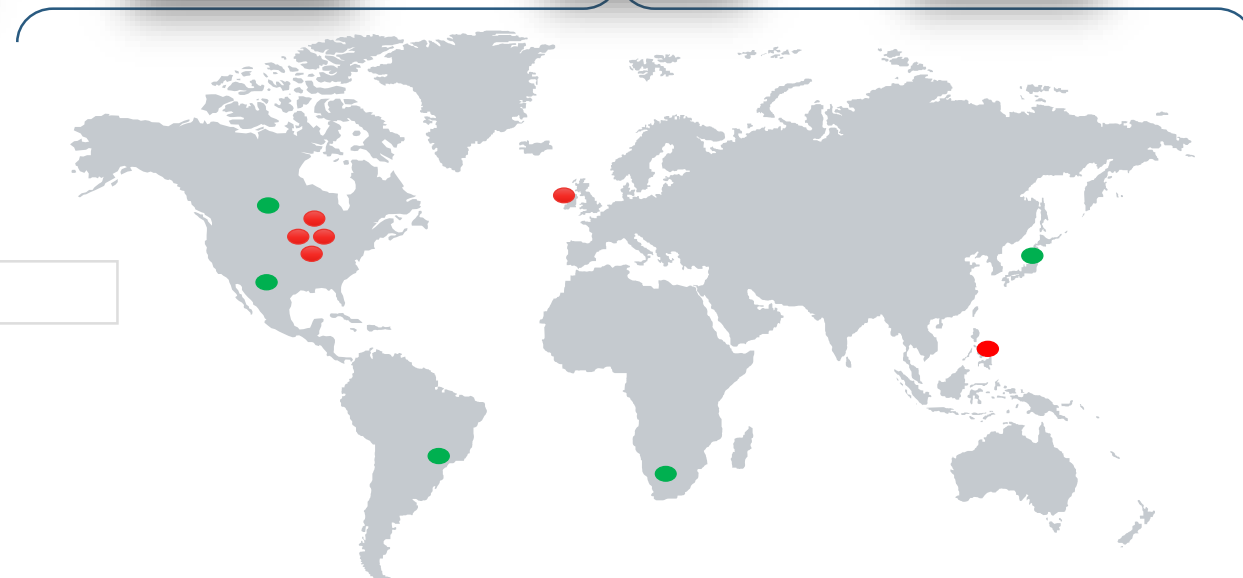
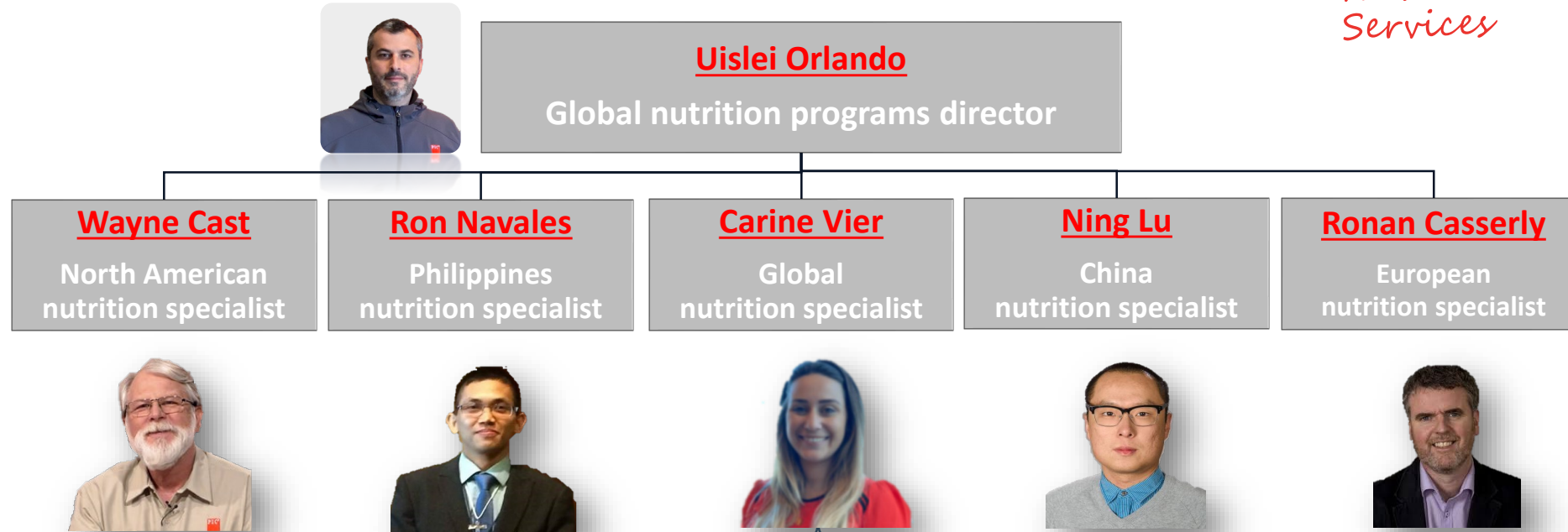
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Global customer support in nutrition

Nutrition team structure

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● Global Nutrition Team

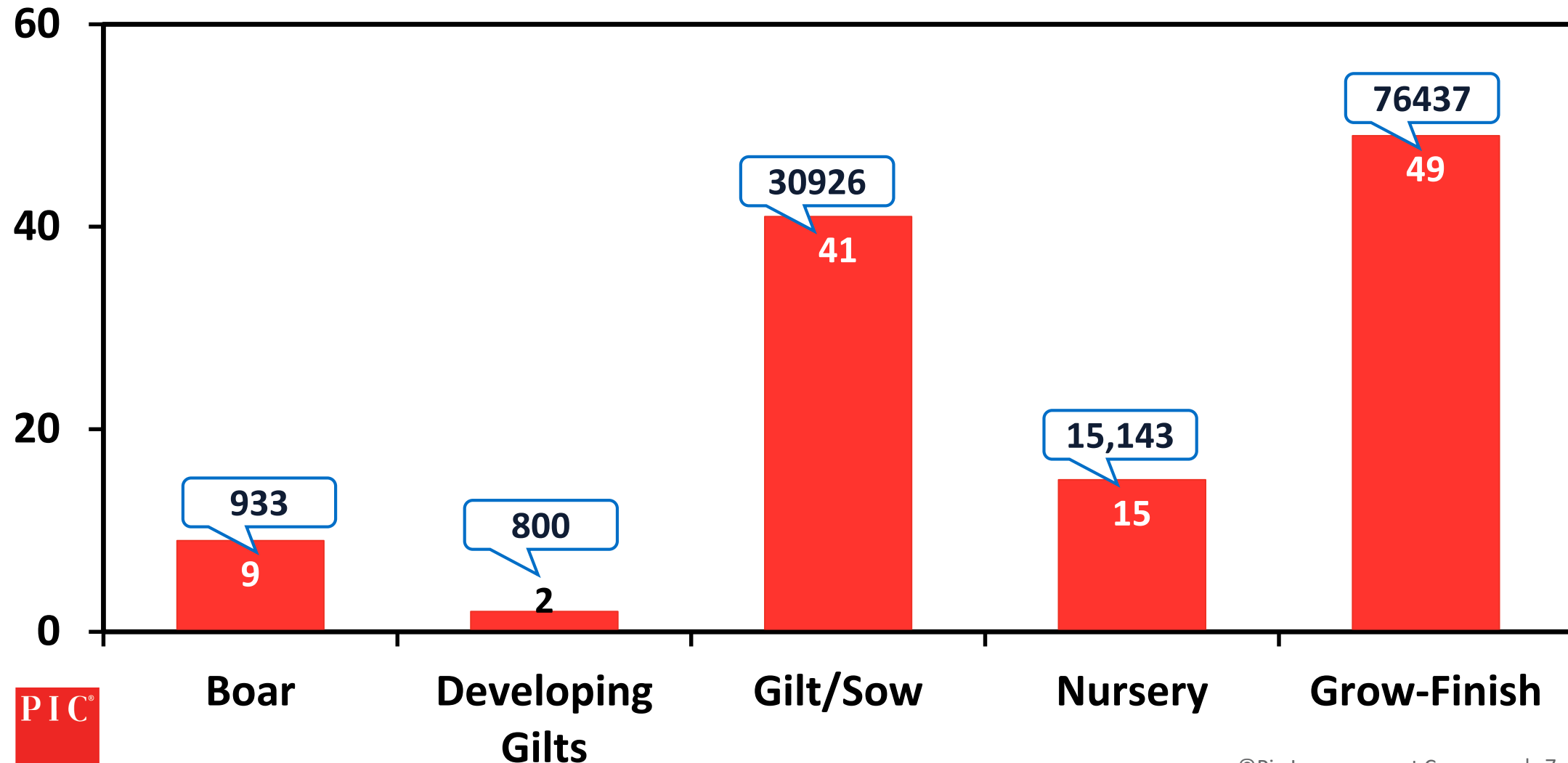
● Nutrition support in partners and supply chain



Science driven recommendations

Nutrition trials (2016-2021)

A total of 116 trials involved with 124,239 PIC animals



PIC®

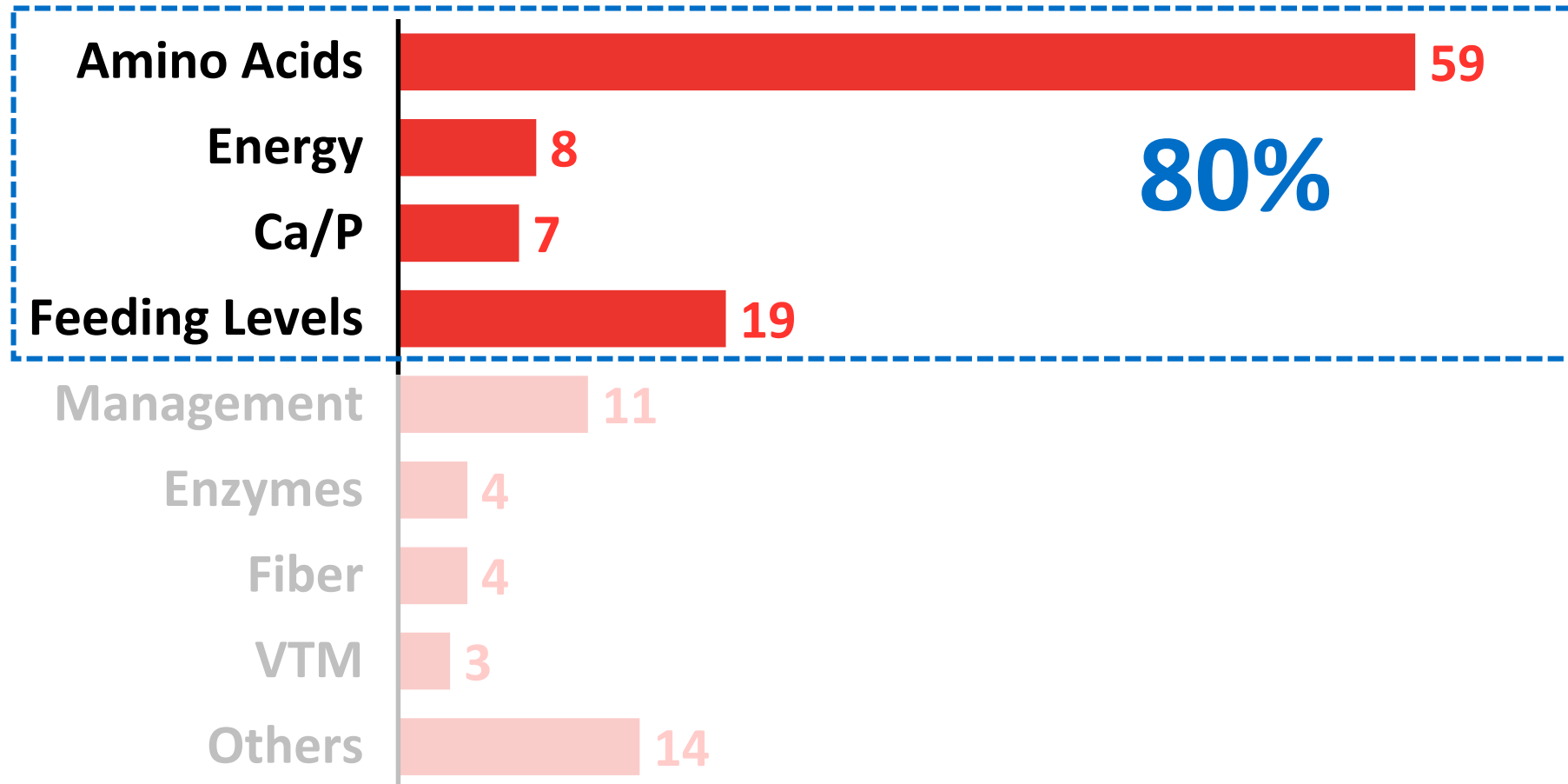


Science driven recommendations

Focus in the most impactful areas

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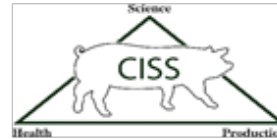
Topics



Strong industry and academic relationships

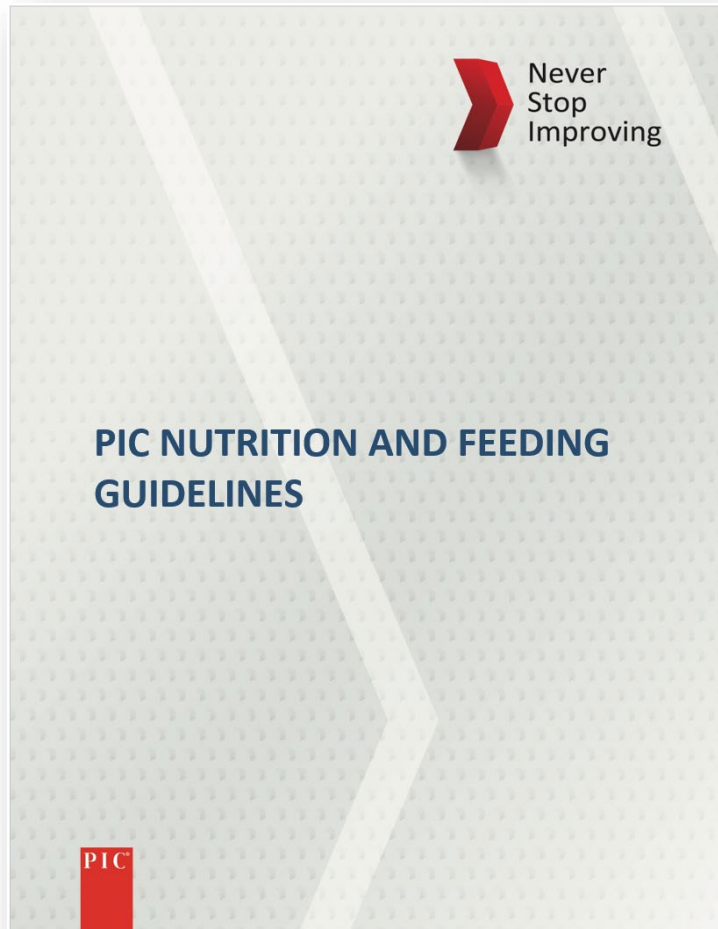
Thank you to our research partners

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PIC Nutrition and Feeding Guidelines

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- Divided in four main sections:
 - 1) Steps in formulation
 - 2) Feeding program for each phase of production
 - 3) Nutrient specifications tables
 - 4) Feeding PIC pigs within special topics



Manual Link: <https://www.pic.com/resources/nutrition>



Section A
Principles and Decision Making in Diet Formulation



PIC® genetics are selected with a focus on total economics to maximize profit for the pork value chain. An adequate nutrition program is necessary to unlock the genetic potential of PIC® pigs. We recognize multiple strategies can be successfully implemented for diet formulation. Production systems worldwide typically determine a balance of maximizing animal performance, minimizing cost of production, and maximizing profitability when designing a nutrition program. Our goal at PIC® is to help our customers be the most successful pork producers in the world. Since feed is the largest production cost our goal is to provide key diet formulation principles that can be used to optimize specific nutrition programs.

- In a space short system, when pigs are profitable, average daily gain has more value.
- In times of anticipated high profitability (such as summer in the US) implement strategies to increase market weight.
- Inadequate amino acid concentration may limit the pigs' response to energy.
- Income over feed cost is one of the most accurate ways to evaluate the feeding program.

Metric Version 2021.04.14
For the most updated PIC® Nutrition and Feeding Guidelines visit <https://www.pic.com/resources/nutrition>

 Never Stop Improving A-1

- Divided in four main sections:

1) Steps in formulation

- Principles and decision making in diet formulation
- Energy
- Proteins and amino acids
- Macrominerals
- Trace minerals and vitamins



Section F

Mature Boar



Boar feeding program objectives are to promote adequate growth, maximize reproductive performance, maintain structural soundness and enhance longevity.

- Feeding guidelines are based on body weight with adjustments for body condition and environment.
- The PIC® Optimum Boar Feeding tool calculates recommended nutrient levels for boars during quarantine and production.
- Feeding management is important for the success of a boar feeding program.

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For the most updated PIC® Nutrition and Feeding Guidelines visit <https://www.pic.com/resources/nutrition>

 Never Stop Improving **F-1**

- Divided in four main sections:
 - 1) **Feeding program for each phase of production**
 - Mature boar
 - Gilt development
 - Gestating gilt and sow
 - Lactating sow
 - Weaned sow
 - Nursery pigs
 - Grow-finish pigs



PIC Nutrition and Feeding Guidelines

Section N

PIC® Nutrient Specifications for Developing Gilts (As-Fed)

| ITEM ^a | UNIT | Body weight, kg | | |
|--|--------|-----------------|-------------|-----------------------------|
| | | 23 to 60 | 60 to 90 | 90 to Breeding ^b |
| Standardized ileal digestible amino acids | | | | |
| Lys:Calorie NE ^c | g/Mcal | 4.29 | 3.46 | 2.51 |
| Lys:Calorie ME ^c | g/Mcal | 3.15 | 2.57 | 1.86 |
| Methionine + Cysteine:Lys | Ratio | 58 | 58 | 58 |
| Threonine:Lys | Ratio | 65 | 65 | 66 |
| Tryptophan:Lys | Ratio | 18 | 18 | 18 |
| Valine:Lys | Ratio | 68 | 68 | 68 |
| Isoleucine:Lys | Ratio | 56 | 56 | 56 |
| Leucine:Lys | Ratio | 101 | 101 | 102 |
| Histidine:Lys | Ratio | 34 | 34 | 34 |
| Phenylalanine + Tyrosine:Lys | Ratio | 94 | 95 | 96 |
| L-Lys-HCl, max. ^d | % | 0.40 | 0.32 | 0.27 |
| Minerals | | | | |
| STTD P:Calorie NE ^e | g/Mcal | 1.64 | 1.37 | 1.09 |
| STTD P:Calorie ME ^e | g/Mcal | 1.23 | 1.04 | 0.84 |
| Av. P:Calorie NE ^{e,f} | g/Mcal | 1.41 | 1.17 | 0.94 |
| Av. P:Calorie ME ^{e,f} | g/Mcal | 1.05 | 0.89 | 0.73 |
| Analyzed Ca:Analyzed P, range ^g | Ratio | 1.25 - 1.50 | 1.25 - 1.50 | 1.25 - 1.50 |
| Sodium ^h | % | 0.25 | 0.25 | 0.25 |
| Chloride | % | 0.25 | 0.25 | 0.25 |
| Added trace mineralsⁱ | | | | |
| Zinc | ppm | 125 | 125 | 125 |
| Iron | ppm | 100 | 100 | 100 |
| Manganese | ppm | 50 | 50 | 50 |
| Copper | ppm | 15 | 15 | 15 |
| Iodine | ppm | 0.35 | 0.35 | 0.35 |
| Selenium | ppm | 0.30 | 0.30 | 0.30 |
| Added vitaminsⁱⁱ | | | | |
| per kg diet | | | | |
| Vitamin A | IU/kg | 9920 | 9920 | 9920 |
| Vitamin D | IU/kg | 1985 | 1985 | 1985 |
| Vitamin E | IU/kg | 66 | 66 | 66 |
| Vitamin K | mg/kg | 4.4 | 4.4 | 4.4 |
| Choline ^h | mg/kg | 660 | 660 | 660 |
| Niacin | mg/kg | 44 | 44 | 44 |

N-1 **PIC**
Metric Version 2021.04.14
For the most updated PIC® Nutrition and Feeding Guidelines visit <https://www.pic.com/resources/nutrition>

- Divided in four main sections:

3) Nutrient Specifications tables

- PIC Nutrient Specifications for Mature Boars
- PIC Nutrient Specifications for Gilt Development
- PIC Nutrient Specifications for Gestating Gilts and Sows
- PIC Nutrient Specifications for Lactating Gilts and Sows
- PIC Nutrient Specifications for Pre-start Pigs
- PIC Nutrient Specifications for Late Nursery and Finishing Gilts and Barrows



Section 5

Feeding PIC® Pigs within Special Topics

Adjustments can be made to PIC® nutrition and feeding recommendations to accommodate special topics of pig production, which include specific regional legislation, different production environments, or different packing plant requirements.

For information regarding feeding PIC® pigs under specific programs reach out to your PIC® account team or [click here](#):

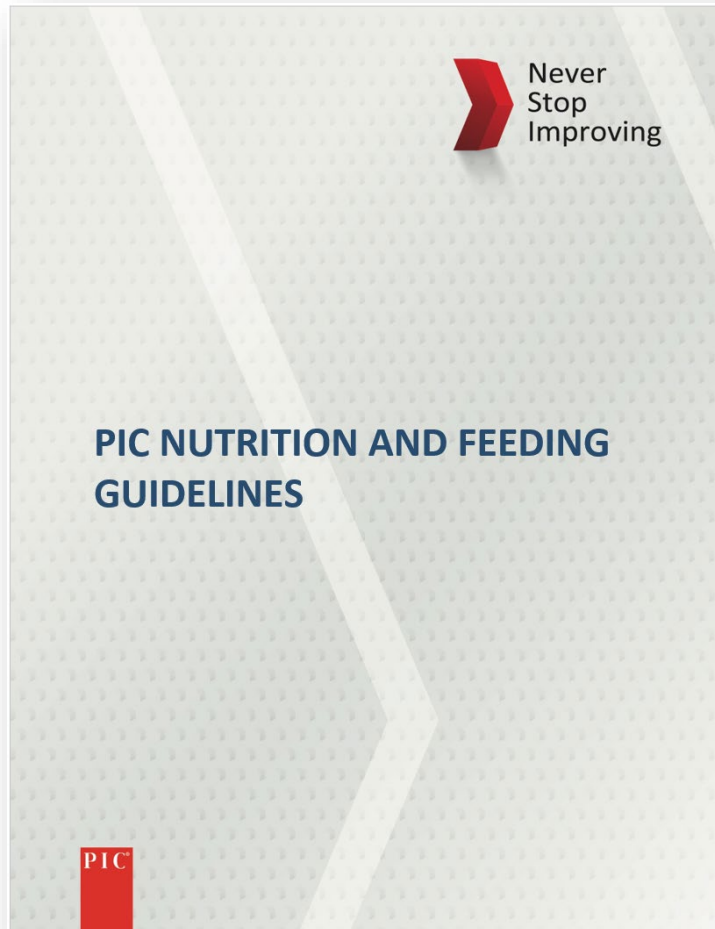
- Carcass yield and pork fat quality
- Contingent considerations for urgent situations
- Feed additives
 - Key points to consider when using Ractopamine in swine diets
- Feeding pigs in hot environments
- Feed manufacturing guidelines for PIC® pigs
- Ham production
- Immunocastrated pigs
- Intact finishing boar's requirements
- Liquid feeding
- Nutritional factors associated with abnormal behaviors
- Outdoor production
- Split sex feeding
- Upper limits for feed ingredients use
- Water

- Divided in four main sections:

4) Feeding PIC pigs within special programs

- Consists of several different topics (i.e. immunocastrated pigs, nutritional factors associated with abnormal behavior, split sex feeding, etc) that are released as separate factsheets.





- **Main updates in boars, gilts, and sows feeding**

- Feeding boars in isolation and production
- Gilt development recommendations
- Body condition management and performance
- Early gestation feeding
- Gilt feeding during late gestation
- Pre-farrow period
- Wean-to-estrus interval feeding
- Lactation feeding recommendations

- **Main updates in wean-to-finish**

- Amino acid recommendations
- Calcium and phosphorus recommendations
- Vitamin and trace mineral recommendations



PIC Nutrition and Feeding Guidelines

It is PIC's objective to make our customers the most successful pork producers globally

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Economic model for optimum energy level V2.6

Live price, \$/lb: 0.50
Carcass price, \$/lb: 0.66

| Phase | Net energy, Kcal/lb | | Change, % |
|-------|---------------------|--------------------------|-----------|
| | Current | Recommended ¹ | |
| Ph 1 | 1,163 | 1,140 | (2.0) |
| Ph 2 | 1,163 | 1,140 | (2.0) |
| Ph 3 | 1,170 | 1,148 | (1.9) |
| Ph 4 | 1,178 | 1,155 | (2.0) |
| Ph 5 | 1,193 | 1,171 | (1.9) |
| Ph 6 | 1,193 | 1,216 | 1.9 |

| Metrics | | Current | Recommended |
|---|--|---------|-------------|
| Total feed cost, \$/pig | | 49.1 | 48.3 |
| Total feed cost & facility cost, \$/pig | | 63.2 | 62.4 |
| Gross Income, \$/pig | | 142.51 | 141.97 |
| IOFFC Live, \$/pig | | 78.37 | 78.62 |
| IOFC Carcass, \$/pig | | 38.32 | 39.05 |
| Diff, \$/pig | | | 0.74 |

Economic model for optimum phosphorus levels

| Economic evaluation criteria | Carcass | |
|------------------------------|------------|---|
| | \$/100 lbs | % |
| Carcass price, \$/kg | 51.43 | |
| Current carcass yield, % | 73.4 | |
| Facility cost, \$/pig/day | 50.12 | |
| Number of phases | 6 | |

| Phase | Current diets | | Maximal growth | |
|---------|---------------|-------------|----------------|--------|
| | BW, kg | NE, Kcal/kg | STPD P, % | \$/ton |
| Phase 1 | 25.0 | 34.0 | 2.425 | 0.933 |
| Phase 2 | 34.0 | 50.0 | 2.449 | 0.300 |
| Phase 3 | 50.0 | 64.0 | 2.482 | 0.277 |
| Phase 4 | 64.0 | 84.0 | 2.509 | 0.266 |
| Phase 5 | 84.0 | 107.0 | 2.549 | 0.233 |
| Phase 6 | 107.0 | 129.0 | 2.584 | 0.211 |

Economics Output

Net profit difference between maximal growth and current diets, \$/pig

Fixed Weight (space long) IOFFC **-\$0.07**

Fixed Time (space short) IOFC **\$0.57**

SID Lysine Biological Requirement for PIC Pigs^a

| Energy level, NRC NE kcal/lb | 1130 | 1130 | 1130 | 1130 | 1130 | 1130 | 1130 |
|------------------------------|------|------|------|------|------|------|------|
| Barrows | 5.32 | 4.74 | 4.02 | 3.40 | 2.94 | 2.63 | 2.50 |
| Gilts | 5.32 | 4.74 | 4.21 | 3.68 | 3.17 | 2.81 | 2.65 |
| Gilts development ** | 5.16 | 4.59 | 4.08 | 3.57 | 3.07 | 2.51 | 2.51 |
| Boars | 5.33 | 4.87 | 4.36 | 3.92 | 3.39 | 3.48 | 3.63 |
| Barrows and Gilts | 5.32 | 4.74 | 4.11 | 3.54 | 3.06 | 2.72 | 2.58 |

Weight in, lb: 25, 50, 90, 130, 180, 230, 285
Weight out, lb: 50, 90, 130, 180, 230, 285, 330

SID Lys, grams/Mcal NE

| Category | 5.32 | 4.74 | 4.02 | 3.40 | 2.94 | 2.63 | 2.50 |
|----------------------|------|------|------|------|------|------|------|
| Barrows | 5.32 | 4.74 | 4.21 | 3.68 | 3.17 | 2.81 | 2.65 |
| Gilts | 5.32 | 4.74 | 4.21 | 3.68 | 3.17 | 2.81 | 2.65 |
| Gilts development ** | 5.16 | 4.59 | 4.08 | 3.57 | 3.07 | 2.51 | 2.51 |
| Boars | 5.33 | 4.87 | 4.36 | 3.92 | 3.39 | 3.48 | 3.63 |
| Barrows and Gilts | 5.32 | 4.74 | 4.11 | 3.54 | 3.06 | 2.72 | 2.58 |

SID Lys, % of the diet

| Category | 1.33 | 1.18 | 1.00 | 0.85 | 0.73 | 0.66 | 0.62 |
|----------------------|------|------|------|------|------|------|------|
| Barrows | 1.33 | 1.18 | 1.05 | 0.92 | 0.79 | 0.70 | 0.66 |
| Gilts | 1.33 | 1.18 | 1.05 | 0.92 | 0.79 | 0.70 | 0.66 |
| Gilts development ** | 1.29 | 1.14 | 1.02 | 0.89 | 0.77 | 0.69 | 0.63 |
| Boars | 1.33 | 1.21 | 1.09 | 0.98 | 0.89 | 0.87 | 0.90 |
| Barrows and Gilts | 1.33 | 1.18 | 1.02 | 0.88 | 0.76 | 0.68 | 0.64 |
| Boars and Gilts | 1.33 | 1.18 | 1.05 | 0.93 | 0.82 | 0.73 | 0.73 |

^a The SID Lys to energy ratios meet the biological requirements for PIC 327, 337, and 359 sired pigs. PIC suggests to utilize 90% of the tool estimates for PIC 380, 408, and 410 sired pigs; and 97% for PIC 800 sired pigs to achieve the biological requirements of these sires.

** If desired weight at breeding is not met, PIC recommends using 97% of SID Lysine requirement for commercial gilts above 200 lbs

SID Lysine Economic Tool for PIC Pigs^a

| Phase | Initial weight, lb | Final weight, lb | Energy, kcal | SID Lys, % | \$/ton |
|-------|--------------------|------------------|--------------|------------|----------|
| 1 | 47 | 120 | 1,131 | 1.11 | \$100.00 |
| 2 | 80 | 190 | 1,131 | 0.97 | \$100.00 |
| 3 | 130 | 260 | 1,131 | 0.85 | \$100.00 |
| 4 | 180 | 330 | 1,131 | 0.75 | \$100.00 |
| 5 | 230 | 400 | 1,131 | 0.67 | \$100.00 |
| 6 | 280 | 470 | 1,131 | 0.62 | \$100.00 |
| 7 | 330 | 540 | 1,131 | 0.60 | \$100.00 |
| 8 | 380 | 610 | 1,131 | 0.59 | \$100.00 |

Live pig price, \$/lb: 50.40
Facility cost, \$/pig/day: 50.10

Biological requirement SID Lys, %: 1.00, 0.90, 0.80, 0.70, 0.65, 0.60, 0.58, 0.56

Performance and economics output - Fixed Weight (space long)

Using PIC biological requirement tools will increase the current growth rate by 1.78% and increase feed efficiency by 1.58%, resulting in a gain of \$5.07 per pig in DPI, given the current reproductive rates.

Using PIC biological requirement tools will increase the current growth rate by 1.78% and increase feed efficiency by 1.58%, resulting in a gain of \$2.00 per pig in DPI, given the current reproductive rates.

Using PIC biological requirement tools will increase the current growth rate by 1.78% and increase feed efficiency by 1.58%, resulting in a gain of \$2.00 per pig in DPI, given the current reproductive rates.

^a The SID Lys to energy ratios meet the biological requirements for PIC 327, 337, and 359 sired pigs. PIC suggests to utilize 90% of the tool estimates for PIC 380, 408, and 410 sired pigs; and 97% for PIC 800 sired pigs to achieve the biological requirements of these sires.

STTD Phosphorus Biological Requirement for PIC Pigs^a

| Energy level, NRC NE kcal/lb | 1111 | 1134 | 1069 | 1147 | 1147 |
|------------------------------|------|------|------|------|------|
| Weight in, lb | 50 | 125 | 220 | 200 | 220 |
| Weight out, lb | 125 | 220 | 300 | 275 | 295 |

STTD P, grams/Mcal NE

| Category | 1.53 | 1.14 | 0.96 | 0.99 | 0.97 |
|--------------------|------|------|------|------|------|
| Commercial Barrows | 1.53 | 1.24 | 1.02 | 1.06 | 1.03 |
| Commercial Gilts | 1.50 | 1.16 | 1.04 | 1.08 | 1.05 |
| Commercial Boars | 1.53 | 1.19 | 0.99 | 1.03 | 1.00 |
| Barrows and Gilts | 1.45 | 1.14 | 1.10 | 1.15 | 1.12 |
| Developing Gilts | 3.06 | 1.65 | 1.35 | 1.40 | 1.37 |

STTD P, % of the diet

| Category | 0.37 | 0.29 | 0.23 | 0.25 | 0.24 |
|--------------------|--|------|------|------|------|
| Commercial Barrows | 0.37 <td>0.31</td> <td>0.24</td> <td>0.27</td> <td>0.26</td> | 0.31 | 0.24 | 0.27 | 0.26 |
| Commercial Gilts | 0.39 | 0.32 | 0.25 | 0.27 | 0.27 |
| Commercial Boars | 0.37 | 0.30 | 0.23 | 0.26 | 0.25 |
| Barrows and Gilts | 0.38 | 0.31 | 0.24 | 0.27 | 0.26 |
| Developing Gilts | 0.40 | 0.33 | 0.26 | 0.29 | 0.28 |
| Boars and Gilts | 0.51 | 0.41 | 0.32 | 0.35 | 0.35 |

^a The STTD P to energy ratios meet the biological requirements for PIC 327, 337, and 359 sired pigs. PIC suggests to utilize 99% of the tool estimates for PIC 380, 408, and 410 sired pigs; and 97% for PIC 800 sired pigs to achieve the biological requirements of these sires.

Dynamic feeding program for PIC Camborough

Click here to take a tour

Start here

General information

Client: [Name]

Vitals: [Weight, etc.]

Performance

Plays received per week per year

Performance history

Let us see how you are doing

PIC Nutrient Recommendations for Developing Gilts v1.0

| Item | Unit | 50 | 130 | 220 | 300 | 400 |
|---|------|------|------|------|------|------|
| Weight in, lb | lb | 50 | 130 | 220 | 300 | 400 |
| Weight out, lb | lb | 130 | 220 | 300 | 375 | 475 |
| NE Total Energy (NE) | Mcal | 1050 | 1050 | 1050 | 1050 | 1050 |
| Standardized Limit Digestible amino acids | | | | | | |
| Lysine | g/lb | 0.99 | 0.78 | 0.54 | 1.03 | 1.03 |
| Methionine + cysteine | g/lb | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 |
| Threonine | g/lb | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| Tryptophan | g/lb | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
| Valine | g/lb | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 |
| Isoleucine | g/lb | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 |
| Leucine | g/lb | 0.72 | 0.72 | 0.72 | 0.72 | 0.72 |
| Histidine | g/lb | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 |
| Phenylalanine + tyrosine | g/lb | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Lysine:MEI, max | % | 0.40 | 0.32 | 0.27 | 0.27 | 0.27 |

| Item | Unit | 50 | 130 | 220 | 300 | 400 |
|-------------------|--------|------|------|------|------|------|
| Sodium | g | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| Chlorine | % | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| STTD P Calorie NE | g/Mcal | 1.84 | 1.33 | 1.10 | 1.48 | 1.48 |
| STTD P | % | 0.38 | 0.32 | 0.28 | 0.34 | 0.34 |
| Av. P Calorie NE | g/Mcal | 1.41 | 1.14 | 0.95 | 1.27 | 1.27 |
| Av. P | % | 0.33 | 0.28 | 0.23 | 0.28 | 0.28 |
| Analyzed Ca | g | 1.15 | 1.10 | 1.15 | 1.10 | 1.15 |
| Analyzed P | g | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 |

PIC Optimum Boar Feed Tool

Phase 1 to 6: [Input fields]

Boar weight at start and end of feeding, kg

Length of feeding cycle, days

Boar weight gain, kg

Boar weight loss, kg

Boar weight change, kg

Boar weight gain, %

Boar weight loss, %

Boar weight change, %

Boar weight gain, \$/pig

Boar weight loss, \$/pig

Boar weight change, \$/pig

Boar weight gain, \$/ton

Boar weight loss, \$/ton

Boar weight change, \$/ton

Boar weight gain, \$/kg

Boar weight loss, \$/kg

Boar weight change, \$/kg

Boar weight gain, \$/lb

Boar weight loss, \$/lb

Boar weight change, \$/lb

Boar weight gain, \$/oz

Boar weight loss, \$/oz

Boar weight change, \$/oz

Boar weight gain, \$/cup

Boar weight loss, \$/cup

Boar weight change, \$/cup

Boar weight gain, \$/quart

Boar weight loss, \$/quart

Boar weight change, \$/quart

Boar weight gain, \$/gallon

Boar weight loss, \$/gallon

Boar weight change, \$/gallon

Boar weight gain, \$/barrel

Boar weight loss, \$/barrel

Boar weight change, \$/barrel

Boar weight gain, \$/bushel

Boar weight loss, \$/bushel

Boar weight change, \$/bushel

Boar weight gain, \$/cubic foot

Boar weight loss, \$/cubic foot

Boar weight change, \$/cubic foot

Boar weight gain, \$/cubic yard

Boar weight loss, \$/cubic yard

Boar weight change, \$/cubic yard

PIC Growth Curve and Feed Budget Tool

Phase 1 to 6: [Input fields]

Age at beginning, days

Economic evaluation criteria

| Item | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Carcass | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 |
| Facility cost, \$/day | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 | 50.12 |
| Carcass price, \$/lb | 50.56 | 50.56 | 50.56 | 50.56 | 50.56 | 50.56 | 50.56 | 50.56 |
| Current carcass yield, % | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |

Mixed gender

| Item | 1,565 | 1,572 | 1,578 | 1,578 | 1,578 | 1,578 | 1,578 | 1,578 |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Energy level, NRC ME kcal/lb | 12 | 16 | 25 | 50 | 100 | 150 | 200 | 250 |
| Weight in, lb | 16 | 25 | 50 | 100 | 150 | 200 | 250 | 300 |
| Weight out, lb | 4.23 | 4.10 | 3.91 | 3.43 | 2.89 | 2.48 | 2.20 | 2.06 |
| g SID Lys/Mcal of NRC ME | 1.46 | 1.42 | 1.36 | 1.19 | 1.01 | 0.86 | 0.785 | 0.72 |
| % SID Lysine | 4 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| Feed Budget, lb/pig | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Days on feed | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

Seasonal Diet Formulation Tool for PIC Pigs v1.0

Best window to market pigs

| Start | Stop |
|-----------|-----------|
| 3/15/2021 | 5/31/2021 |

Production system: Normal

| Gender | Barrows + Gilts |
|--------|-----------------|
| Gender | Barrows + Gilts |

| Phase | Body weight, lb | | Start | Intervention | End |
|-------|-----------------|-------|---------------------------|--------------|--------------------------|
| | Initial | Final | | | |
| 1 | 15 | 20 | | | |
| 2 | 28 | 31 | Sunday, November 1, 2020 | Diet Change | Sunday, January 17, 2021 |
| 3 | 51 | 110 | Sunday, November 22, 2020 | Diet Change | Sunday, February 7, 2021 |
| 4 | 110 | 154 | Friday, December 25, 2020 | Diet Change | Friday, March 12, 2021 |
| 5 | 154 | 220 | Friday, January 15, 2021 | Diet Change | Friday, April 2, 2021 |
| 6 | 220 | 264 | Sunday, February 14, 2021 | Diet Change | Monday, May 24, 2021 |

Create Schedule in Outlook



Link to access tools: https://www.dropbox.com/sh/kmf7e89dn0ssol6/AAAMzrP_ALJLECN5qUyt8HCma?dl=0



PIC Nutrition and Feeding Guidelines

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- Plan for dissemination of manual updates release moving forward:
 - Imperial and metric versions are available at PIC website
 - The most updated version of the manual will always be found at the following link:

<https://www.pic.com/resources/nutrition>
 - The topics will be updated in the future by section.
 - A date that specifies the latest version of the document can be found at the bottom of the manual pages.

Metric Version 2021.04.14
For the most updated PIC® Nutrition and Feeding Guidelines visit <https://www.pic.com/resources/nutrition>

 Never Stop Improving



- Major updates in the Nutrition and Feeding Guidelines will always be communicated.



Thank you!

