



Management Guidelines for Optimizing PIC 280 Sired Pig Performance

The PIC 280 is North America's Fast Growth Duroc Boar for a reason- its makes more money for producers and processors than its competitors. In order to maximize those economic benefits, it is important to recognize that the fast growing progeny of the 280 be given the feed, space and handling that pigs of their size need to perform their best. Below are PIC's recommendations for Optimizing performance of PIC 280's fast growing progeny.

1. Feed and Feeder Specifications

A. Recommended Feed Manufacturing Specifications (Form and Particle Size)

- Physical form
 - Preferred feed form for economic and production performance is pelleted feed.
- Particle Size (Mash or Pellets)
 - 500 - 700 microns
 - < 30% over 1 mm
 - < 30% under 300 microns
 - < 7.5% under 150 microns

B. Feeder requirements (Dry and Tube)

- Dry Feeders
 - Maximum of 15 pigs per feeder space
 - Minimum of 14 inches of head space per pig
- Tube Feeders
 - Maximum of 15 pigs per tube
 - Minimum of 2 inches of trough space per pig

2. Space Requirements

- Minimum of 6.6 sq feet per pig for pigs weighing less than 265 pounds
- Minimum of 8.0 sq feet per pig for pigs weighing greater than 265 pounds
- Optimum space requirement dependent on economic value for pig space

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Pig Flow Recommendations

- Single source into buildings with a maximum of 7 days age spread at placement
- Practice AIAO management by site

Minimize mixing of pigs after placement. Only remove pigs that cannot compete in the current pen environment

Marketing

- Only practice feed with drawl on barn close-outs
- All truckers should be TQA Certified (Trucker Quality Assurance Program created by the National Pork Board)
- Paylean
 - Incidence of deads and downers may increase with Paylean use. Insure that handling and transport procedures minimize stress to reduce potential transport loss.
 - Transport losses may increase as inclusion level and duration of feeding increases

3. Nutritional Needs

- PIC Nutrient Specifications (2003)