

PREDICTION OF DAILY WATER INTAKE OF PIGS
DURING A 41-DAY NURSERY PHASE

By

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PREDICTION OF DAILY WATER INTAKE OF PIGS DURING A 41-DAY
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Abstract: A total of 3,080 pigs (5.5 to 21.8 kg) were utilized to determine the estimated daily water intake of pigs during a 41-d nursery period. The data set included results from 11 experiments with 28 pens (10 pigs per pen). Pigs were weaned between 18-22 d of age and housed in an environmentally controlled nursery. Pigs were blocked by BW and allocated to pens upon arrival. Pens contained one stainless steel feeder and one cup waterer (Suevia model 929 TM). Waterers had a water meter (Assured Automation WM-PD series TM) tracking daily intake and meter values were recorded at a similar time daily in each experiment. Barn temperature at arrival was 31.1 °C and decreased 1 °C per week. Pigs were fed standard corn-soybean meal diets formulated to meet or exceed swine NRC requirements (2012) for nursery pigs in a 4 or 5- phase feeding program. Data were analyzed using SAS to generate a regression equation and correlation between intake by day using PROC REG/PROC COR. Pen served as experimental unit with day, bodyweight, and feed intake as the dependent variables and intake the independent variable. Pen water intake was corrected to daily water intake/pig by dividing pen water intake by pig days. Average daily water intake during the nursery period was 1.70 ± 0.30 L/pig and total volume of water consumed during the nursery period was 65.5 ± 13 L/pig. There was a strong linear increase ($P < 0.0001$) in water intake as days progressed with a prediction equation: Daily water intake, L/pig = $(0.06983 * \text{day}) + 0.24892$ ($R^2 = 0.73$). Water intake and day were highly correlated ($r = 0.85$; $P < 0.0001$). There was a strong linear increase in ($P < 0.0001$ and $P < 0.0001$) in water intake as bodyweight increased. Prediction equations for body weight: Avg. Daily Water Intake (L/pig) = $0.1876 + (0.1148 * \text{BW, kg})$ for overall bodyweight and: Avg. Daily Water Intake (L/pig) = $-0.0224 + (0.1624 * \text{BW, kg})$ for Avg. weekly body weight. Water intake and bodyweight were highly correlated ($R^2 = 0.632$, $R^2 = 0.720$) and ($r = 0.80$, $r = 0.85$). There was a strong linear increase ($P < 0.0001$ and $P < 0.0001$) for water intake and feed intake as they increased. Prediction equation: Avg. Daily Water Intake (L/pig) = $0.3256 + (2.6857 * \text{ADFI, kg/pig})$ and: Avg. Daily Feed Intake (kg/pig) = $0.0464 + (0.2785 * \text{ADWI, L/pig})$. Water intake and feed intake were highly correlated ($R^2 = 0.748$) and ($r = 0.87$). There was no effect of experiment or pen on prediction of water intake. In conclusion, water intake can be predicted based on day in the nursery, body weight, and average daily feed intake. Feed intake can also be predicted using water intake.

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CHAPTER I

REVIEW OF LITERATURE

Introduction

Swine production is a key contributor to the global meat supply. Pork represents about 40% of all red meat consumed worldwide and continues to be an important part of the human diet throughout the world (Gerrits et al., 2005). Over the last thirty years, pork production has increased globally (Muhanguzi et al., 2012). Advancements in technology have aided in swine production and have decreased time from conception to market. Advancements in genetics, management, and nutrition have made it possible for the swine industry to keep up with growing demands. While other sectors of the swine industry seem to keep improving, very few improvements have been made in relation to water and water intake for the pig. Froese (2003) analyzed total water use on farms and explains how accurate accounts of water are important and that they may not be available for modern farms. The continued research of water intake needs to advance with time alongside genetics, nutrition, and management to create a more sustainable future while continuing to feed the world. Honeyman (1996) writes about sustainability and the importance of upcoming farmers needing to have access to new technology and information. If the industry does not research water and water intake, the production of livestock could be looking at increased regulations and decreased productivity.

Genetics in the swine industry have advanced not only for the sow, but also for the piglet. Litter size, weaning weight, return to estrus interval, and longevity are some of the contributing factors to increased production. Kim et al. (2013), states that continuous genetic selection has led to high prolificacy of sows and production of high lean progeny. Production systems are highly integrated, meaning small changes in genetics can have a large impact down the line. The ability to make advancements in technology has been crucial to the improvement and sustainability within the swine industry (Knox, 2013). Production is becoming more sustainable, but continued research is needed to keep up with changing times. Genetic research has aided in the ability for management practices and nutrition to have continual advancements.

Management practices have had to adapt over time due to modified laws and regulations. Training programs like the National Pork Board's Pork Quality Assurance program is promoted by production systems to ensure the top care for animals being raised (PQA Plus, 2007). Quarterly training and annual audits are other forms of checks and balances that management must use to improve the swine production system. The Professional Animal Auditor Certification Organization (PAACO), Validus™, and the Pork Checkoff are third party auditors that industry companies use to keep management of the animal as a top priority (PAACO Audit List, 2021). The changes that have been made not only help the animal but also provide the consumer with a more transparent approach to the pork and agriculture industry.

A large focus of production management is reducing stress or stressors that affect health and productivity. Martinez-Miro et al. (2016) concluded that stress generates negatives effects on the health and production of the animal. Management techniques have been adapted over time to better care for animals by using practices limiting the amount of stress the animal encounters. Animal welfare is a rising concern in livestock production by consumers. Management has

reflected these concerns by improving practices from conception to market. The ability to reduce any additional stress on the pig allows for more improvement in other areas, this is where nutrition research is used to advance production.

Nutrition is one of the key contributors to advancements in the pork industry due to the importance and cost when rearing pigs. The cost of feed is one of the highest economic factors associated with swine production (Niemi et al., 2010). The majority of pigs are housed in environmentally-controlled facilities and all essential nutrients must be provided for maintenance and gain requirements. Competition in the production setting limits availability of nutrients, which makes nutrition such a necessary topic of research. Production measurements like average daily gain (ADG), feed to gain ratio (F: G), average daily feed intake (ADFI), and body weight (BW) are vital to gain knowledge towards research conducted for further improvements in the industry.

All of these aspects mentioned above have an impact on swine production, but one of the most important factors in swine growth and performance is the water these animals consume. Water is needed for most biological functions in the body of the pig (Almond, 2002). Water intake and requirements change over time as animals continue to grow and develop. Livestock production systems are growing larger in size and this is increasing the amount of water used in their systems. The amount of water used to operate these systems is being heavily targeted by environmental agencies. With the current availability of water, it has not been considered as a depleting resource but, finding good quality water has become a rising challenge on performance and the industry as a whole (Nyachoti et al., 2010). In recent years, water has not been studied as heavily as other topics related to the swine industry. This could be because the pig is always provided with ad libitum access to water. Environmental impacts, health status, diet, water

quality, and bodyweight are just some of the factors that have an impact on water intake.

Therefore, there is a need to refresh water intake research and prediction models as the industry continues to change to create a sustainable future.

Water Metabolism and Functions

Water is used for a variety of functions throughout the life of the pig. The body water content of the pig changes as growth continues. The body composition of a newborn pig consist of 80% water and a market hog is around 50% (Almond, 2002). Water in the pig is utilized for thermoregulation, transport of nutrients through the circulatory system, removal of waste products, chemical reactions, and lubrication of joints (Swine NRC, 2012). There are many other functions performed by the body that use water especially during gestation and farrowing such as milk to provide nutrients to the piglet. The pig obtains water from three sources drinking water, metabolic water from the breakdown of nutrients in the feed inside the body, and from feedstuffs (Thulin and Brumm, 1991; Thacker, 2001). Analysis of water coming into the farm and feed ingredients used at a facility could prove beneficial to the producer and animal in production. The balance of water in the pig must also be maintained. Water balance is the homeostasis of water being consumed and excreted. Disruptions in water balance, or water loss can occur because of urine, feces, evaporation via lungs or skin (Thulin and Brumm, 1991; Thacker, 2000). Nitrogen levels also differ in the excreted water by a pig due to variation of nutrient contents. As protein and mineral levels increase in the feed there is an increase in water for excretion of surplus nutrients (Pfeiffer et al., 1995). Different levels of nutrients in the excreted water can result in the need for more intense management of the waste water. Water and the water intake can be changed by differing health status, nutrient content in the feed, and environmental effects.

Gestation and Farrowing

Once a female pig has reached sexual maturity, she is utilized to produce offspring to continue production. When a pig reaches sexual maturity it will begin to show signs of estrus or “heat”. This is the most important part of breeding due to efficiency and longevity. Signs of heat include swollen red vulva, discharge from the vulva, and when the animal is locked up (Johnson, 2012). A pig reaches sexual maturity around a year of age and is then bred by live cover or artificial insemination. In the past two decades assistant reproductive technologies (ART) have grown exponentially (Soriano-Ubeda et al., 2013). Reproductive failure is a major factor contributing to the culling rate of swine females. The return to estrus is the most frequent reproductive failure (Vargas et al., 2009). This is why management of the sow is vital to the industry to ensure maximum longevity. The gestation cycle of the pig is 114 days, and gilts that experience this for the first time require more intense management. Good gilt management starts at birth, because litter of origin, lactation management, and the application of early selection strategies are early indicators of future performance and efficiency (Patterson and Foxcroft, 2019). Nutrition during the gestation phase plays a key role in the farrowing process and post-weaning performance. Evaluating body condition score (BCS) is vital during gestation, due to problems that can arise if the pig is over or under weight when approaching farrowing. Pen gestation and crate gestation each have their own reputation and a list of positives and negatives. However, keeping the welfare of the animal in mind is the most important factor when leading into farrowing.

Farrowing is the act of parturition and occurs after gestation. The farrowing phase or lactation period lasts for 21-28 days depending on weaning. The health and nutrition of the animal when entering into farrowing needs to be monitored closely, because any implication can

lead to problems as the piglet and sow mature. The farrowing phase is when the piglet is still suckling and is getting all nutrients it needs from the sow. During the farrowing phase nutrition and water intake need to be monitored to ensure the sow can provide adequate nutrition to the piglet before weaning. Water intake for the lactating sow can be upwards of seven gallons per day (Meisinger and Whitney, 2010). The piglet also utilizes water in the farrowing period, an average of 46 mL per pig per day and a range of 0-200 mL per pig per day was measured for the piglet during the first four days after farrowing (Fraser et al., 1988). Substantial water intake is needed during the farrowing period to provide the sow and piglet with adequate nutrition.

Reduced feed intake by lactating sows, results in excessive weight and condition loss (Aherne and Williams, 1992). This can also impact the sow when returning to estrus and repeating the gestation cycle. When feed intake is reduced water intake is also reduced, this causes less milk to be produced, leading to reduced performance from piglet moving into the nursery phase. The purpose of the farrowing period is to get the piglet ready for weaning and entering the nursery facility.

Weaning

Weaning is when the piglet is removed from the sow and transitions from a milk diet to a concentrated diet with increased competition. Weaning is one of the most stressful events a pig encounters in commercial swine production (Moeser et al., 2007). Weaning occurs rapidly and the change in diet, environment, and health can have a lasting impact on production. Biological alterations in metabolism, immune system, and intestinal functions occur during and immediately after weaning that may have both short and long-term effects on subsequent pig growth and health (Campbell et al., 2013). Most programs utilize multiple strategies to reduce

the impact of weaning. Management practices such as gruel feeding, filling waterers, reducing overcrowding, and sanitation are just a few ways to reduce the impact of weaning.

Gruel feeding is when feed is mixed with water and placed in a small feeder inside the pen that is easily accessible for the pig. This practice is utilized to promote feed consumption of the new diet. The techniques used during this stage of production are needed to not only help the piglets digestive tract adjust, but also to aid in the efficiency of the farm. Jayaraman and Nyachoti (2017) strongly relate husbandry practices and gut health with gut structure and function in the weaned pig. Khafipour et al., (2014) found crowding stress and health challenges have a negative influence on pig performance. Problems of health can be mitigated by biosecurity in the nursery. Biosecurity is also important when dealing with sanitation during the nursery phase, keeping the farm sanitary will aid in overcoming weaning stress. Weaning is an impactful time during a pigs' life, paying attention to current research and practices being developed will only benefit production.

The initial days after weaning during the nursery period is vital to growth and performance in the production setting. For the initial days after weaning ample amounts of feed and water are needed. This will provide the pig with the ability to adapt to the diet change and the new environment.

Nursery

The nursery phase is considered one of the most impactful times during the production cycle. The nursery phase is after the animal is weaned and moved to a different facility to continue growth. The piglet is weaned from the sow typically 21-28 days old and encounters a change in diet, environment, and health challenges. Riemensperger (2011) states that post-

weaning performance has a strong influence on the time it takes for pigs to reach market weight. The short time after weaning can be classified as post-weaning lag and, depression in feed intake and performance can occur. This is supported by Ravindran and Kornegay (1993) providing a definition of post-weaning lag as slow growth, scouring, and unthriftiness. Overcoming this depression can result in less time to get to market for the animal. Pigs go from a small litter to a large pen mixed with hundreds of other pigs, and the problems that can arise are limitless. Overall, the problems that hinder performance can be categorized into health, nutrition, and environment.

The main goal of the nursery is to continue the growth and development of the pig until it is moved to a finishing site. This cannot be done efficiently if the animal is constantly struggling with stressors that influence performance. Technology and innovation of the industry have assisted in this phase of life, but management is needed to ensure they are being used correctly. Management and its ability to reduce the amount of stress on this animal during its most crucial production stage will only make the industry more sustainable. From weaning to the end of the nursery, it is important to keep the level of stress to a minimum to maximize productivity and profitability.

Water is important to the pig as it continues growth and development throughout the nursery period. Water during the nursery period has not been a primary focus of research across the industry. Water intake could be used to improve production and efficiency during the nursery period. This correlates with Meisinger and Brumm (2010) who researched how water intake prediction can be used to predict health and performance by the producer. The future research for water and water intake are vast due to the limited amount of research that has been conducted. Water management and monitoring in a production setting will only benefit the pig and

producer. Implementation of more water research in the production setting could aid in the health, nutrition, and environment of the animal as it continues to the finishing period.

Nursery Health

The health of the animal is vital to the productivity and growth of the animal during the nursery phase. The health of the pig after weaning and entering the nursery phase can be complicated due to the underdeveloped immune system. The neonatal pig is immunologically incompetent until about 4 weeks of age (Suda et al., 2014). Problems can arise in the immune system of the pig as it is exposed to different pathogens. The passive immune system is passed down from the colostrum during suckling and, the active immune system develops from the exposure to new pathogens. Vaccination protocols are used to aid in the maturity of the immune system as the pig goes through the nursery phase. The immune system of the pig continued to differ post-weaning through their residence in the nursery (Niekamp et al., 2007). Vaccination of the pig typically occurs 3-5 days after arriving at the facility and revaccination occurs 21 days after initial dose. The vaccination protocols are put in place to keep the health status of the animal from declining but, also to aid in herd immunity. This correlates with the findings of Thacker and Janke (2008) who concluded that vaccination is critical to the animal, but also to the people that interact with them. The facilities also go a step further in setting up strict biosecurity and sanitation procedures to prevent the spread of pathogens.

Biosecurity and sanitation are utilized during swine production to decrease the level of contact pigs can have with pathogens. Pigs that have poor health status or are raised in conditions of high pathogen loads have antagonized growth performance (Curry et al., 2017). Measures such as all-in all-out procedures are being used in nursery facilities, decreasing the chance of one

group of pigs infecting the other. Other implementations such as air filters in the facilities are being used, to ensure the pig is receiving the highest quality air. Site location and wash in/wash out facilities are another way facilities are reducing the pathogen load the pig encounters. Sanitation is done after every cycle of the barn. Pressure washers, cleaners, and disinfectants are used before arrival to keep the facilities clean and the pathogen load down. Continued management practices throughout the nursery will help the pigs feed and water intake be less affected by health challenges.

Keeping the pig healthy as it matures will only make the farm more efficient and profitable. If the animal undergoes a health challenge this can reduce performance and in severe cases, lead to mortality. In the National Swine 2000 study, relative to the number of pigs entering the nursery, 2.6 percent of nursery-age pigs died during the 6-month period the study was conducted (National Animal Health Monitoring System, 2002). This may not seem like a large number but spread across the entire industry during a 6 month period can be millions of dollars and pigs lost. The Veterinarian Feed Directive (VFD) which came into the industry in 2015, put a large restriction on antibiotics in the feed. The VFD made the use of antibiotics for performance enhancement during any phase of production outlawed. The VFD is a written statement that producers must have from a veterinarian to feed an antibiotic or VFD-related drug (Medicine, C. for V. Veterinary Feed Directive Producer Requirements). This has changed the management of the nursery phase across the industry because the animal does not have antibiotics in the feed to aid the immune system to fight off potential pathogenic threats.

The health status of a pig is important to observe when measuring performance and the ability of the pig to reach market weight. Increasing severity of health challenges under commercial conditions reduced ADG by 8% and 14%, resulting in mortality as high as 19.9%

(Cornelison et al., 2018). Pathogens not only affect feed intake but water intake is changed during a health challenge. The ability of the piglet to get access to the waterer during a health challenge is decreased, because of the inability of the pig to compete with other animals for food and water. Feed intake and water intake are correlated, a decrease in feed intake resulting from a health-related issue could decrease water intake. Daily water intake of the pig showed 75% was closely associated with eating bouts (Bigelow and Houpt, 1988). If the animal is not able to achieve adequate feed intake due to a health-related challenge, then the water intake will also be compromised, resulting in reduced performance from a lack of nutrients.

Nursery Nutrition

Feed in the swine industry is the single highest cost when looking at a production setting. Diets are formulated based on amino acid requirements and not protein requirements, differing them from the other livestock species. In the nursery diet, common additives such as whey, lactose, blood plasma, and fish meal are added to the basal diet to ensure all requirements are being met. The main goal of nutrition is to get the best performance from a diet while having lowest cost associated. Nutrition also has a large effect on the economics and performance of the pig (Glen, 1983). During all phases of production, it is crucial to the producer to maximize performance and decrease the amount of time it takes for a pig to reach the market.

The diet of the pig is going from a liquid-based diet to a meal-based diet after weaning when the animal enters the nursery phase. Research focusing on water intake has been minimal and there is a need for an updated study relating to intake and performance. Brooks and Carpenter (1990) state water is the forgotten nutrient due to the little amount of research performed compared to other nutrients. This is important when looking at nutrition as a whole,

simply because water is a key contributor to the overall nutrition of the animal. New additives and ingredients are being added to the feed today to increase sustainability and drive performance. The most recent model for predicting water intake based on feed intake is provided by Brooks et al. (1984) that yields this equation, Water intake (L/day) = 0.149+(3.053* kg daily dry feed intake). This is what is listed in the Nutrient Requirement of Swine: Eleventh Revised Edition 2012 for the most current water intake formula. Due to the continuous changes and advancements in dietary factors, there is a need to re-evaluate this formula to maintain future progress.

Palatability and differing diets can change the feed intake of the pig, ultimately affecting water intake. Since the VFD, the number of these additives have increased due to the limited use of antibiotics in the feed. Shaw et al. (2006) found that increased nutrients in the feed will increase water intake. The diet during the nursery phase is typically a multi-phase program consisting of 3 or 4 different diet compositions. Phase feeding allows for each group of pigs to get the best nutrition during each period of their life to maximize productivity (Niemi et al., 2010). During the changes in the diet, it is important to watch water intake, as subtle changes can have a lasting effect on performance. McLeese et al. (1992) concluded that water consumption increased in parallel with food intake and body weight. As the need for research on diet additives and how they change performance increases, the same research is needed for the impact on water intake from additives. New technologies in nutrition need to have justifiable research to be implemented in the industry to show producers they are not wasting money (Zijstra and Beltranena, 2012). Continual research will need to be performed to maximize efficiency, but the environment of the animal plays a vital role in the production as well. If the environment is not

managed along with nutrition and health, the productivity of the animal can be compromised leading to economic implications.

Nursery Environment

The environment of the nursery pig changes drastically when the animal is weaned and moved to a nursery facility. The nutrition and health status of the animal can be altered due to stress from the rapid movement to a new environment. Pigs are housed in “environmentally” controlled facilities and are regulated by each farm. Biosecurity at each farm is required due to the industry being highly integrated and, the ability for pathogens to travel between farms.

Overcrowding at nursery facilities can be detrimental to the performance of the animal. Oh et al. (2010) found that crowding stress in the nursery led to detrimental effects on health and growth rate in weaning pigs. Proper pen allocation and space requirements are needed not only for welfare and stress management but also for productivity. Facilities that do not follow the recommended space requirements for swine have noticed a reduction in performance (McGlone and Newby, 1994). Spacing is determined by the size of the pig and the size of the pen. Overcrowding can cause an increase in competition for feed and water, which reduces the likelihood of smaller, weaker, or more challenged pigs to catch up.

Seasonal changes and barn-type bring a multitude of problems when rearing pigs. In the summer months, ventilation and keeping the pigs cool during heat spells will benefit production. Factors such as ADG, F: G, BW and, ADFI need to be monitored during seasonal changes so productivity is not changed. A study done by Renaudeau et al. (2011) states that high ambient temperature is one of the most important factors when influencing pig performance. When pigs in a pen are too hot the animals will spread out and lay on their stomachs. Cold temperatures are

just as important to monitor as they can alter performance also. When pigs are cold they will lay on top of each other and huddle into tight groups. If the pigs are having to regulate body temperature due to cold or heat stress, performance will decrease due to maintenance requirements taking precedence over gain. This correlates with Hahn et al. (1987) finding that the thermal environment primarily influences swine physical energy exchange and the biological system. Daily observations are needed to keep accurate records of the barn, and for predicting the times when more management of a facility is required.

The water requirement of the pig is constantly changing as growth and development continue during the nursery period. However, with the advancements in the industry the factors that influence water intake can be limited. Managing the overall health of the animal should be the top priority because the animal cannot get adequate nutrition or respond to the environment if it is undergoing a health challenge. Nutrition needs to be monitored during the nursery phase as ADFI and water intake are influenced by each other, and changes in the diet can alter each of them. The environment the animal experiences is new after weaning as it transitions to the nursery phase. The transition for the animal can be less stressful by maintaining a clean environment, this will only prove beneficial to the animal and the facility. Overall, the water intake of the nursery pig changes as the pig develops in the nursery phase, and being able to have a reference that producers can use will only benefit the industry in the long run.

Nursery Water

Water intake across the livestock industry has not been an issue due to the availability of the nutrient. However, with water being a limited resource, the ability to better manage it and improve production is needed. This is not only important from a production standpoint but also

from an environmental standpoint as well. Li et al. (2005) state that minimizing the waste from waterers would decrease the amount of water used. Recording water intake can help the industry reduce the amount of water used and wasted giving longevity to growing production. Antibiotics and vaccines through water, need accurate estimations of water intake when being administered. Brumm (2006) analyzed patterns of drinking water and usage and how it impacts the industry and how it can be used to predict other implications. Water intake could be used to predict health challenges and other problems that arise in the facility if technology allows for those advancements to be made. Models for intake need to adapt to the changing times to aid in the production and efficiency of the pig and facilities they are housed.

Today many supplements are being added to water during the nursery phase to infer if there is any nutritional value. The nutrients being used are measured by monitoring growth performance characteristics including ADG, ADFI, BW, and F: G. Trials that add nutrients to the water can change water intake and nutrition, giving researchers another way to improve production. This is a careful science based on the ability of an additive not to change the quality of the water the pig consumes. Walsh et al. (2007) show that acidification of water increased water usage by 47%, but statistical analyses were not conducted further. Producers and their ability to access high quality water is becoming harder. The slightest changes in production can have a large impact on the industry and it starts with water and the ability to manage it.

Regulation and Site Planning

Producers are building new facilities in order to keep up with the growing demand of the consumer. In Oklahoma, farmers must be approved by the state department of agriculture, food, and forestry for guidelines set by the Oklahoma swine feeding operations act, and Oklahoma

concentrated animal feeding operations act to be considered a concentrated swine feeding operation (2019 Oklahoma Statutes). Building a new farm requires site planning while meeting all current rules and regulations. The Natural Resource Conservation Society (NRCS), Environmental Protection Agency (EPA), and United States Department of Agriculture (USDA) have handbooks producers follow that have the current rules and regulations for building a new swine facility.

Looking into the water aspect of building a new farm the producer must think about where the large amount of water is coming from. A site where a large amount of ground water is located is better for site planning to keep cost and surface water use low. (NRCS, 1983). The farm not only has to think about where the water is coming from but, also where the waste water will go. Lagoons and other methods of holding effluent and waste water from the farm must be managed to prevent contamination of ground water and nearby surface water. The EPA has strict guidelines to follow when dealing with the waste from farms and if not followed can lead to lawsuits and eventually closing the operation. The NRCS 1983 has a requirement of 1 gallon per head per day needed for the nursery pig. The Ontario Ministry of Agriculture Food and Rural Affairs (OMAFRA) have a requirement of 1.0-3.2 liters per day for the weaner pig (OMAFRA, 2021). However, the overall water requirement for a single pig is much higher due to the daily use of water at the farm. Management is vital when it comes to water, not only for the animal but also for the facility.

Site planning for a new farm can be difficult, but choosing the right location with good access to water is one of the most important aspects. Without adequate water, the farm will not be productive, profitable or sustainable. Water use for the farm is an important consideration when site planning. Waste water or effluent can be used by farmers as fertilizer for crops. Taking

this into consideration can aid in site planning as the farmer and producer can have a beneficial relationship. The use of water on the farm can effect planning and looking at multiple options is always best. The size and number of pigs is another consideration that producers need to think about as that changes that amount of water needed for farms. Water is used for drinking, showering, cleaning, and a variety of other reasons on the farm. Proper planning and management of water is needed for the animal and producer to continue productivity. Total dissolved solids (TDS) analysis are important for site planning to ensure high quality water is being provided to the pig. A TDS of 1000-6999 ppm is acceptable for the pig to drink but, as TDS begins to increase problems can arise such as diarrhea and temporary refusal of water (Swine NRC, 2012). Periodical analysis of water quality and salinity need to be conducted by management to prevent complications that can arise. A TDS greater than 7000 ppm can cause problems if used as drinking water for the pig (Swine NRC, 2012). Following the regulations and rules that are put in place by regulatory agencies will only benefit the farm and surrounding environment. As pork production continues to rise, the planning of new facilities is needed to continue supplying the growing population with a safe and reliable source of protein.

Conclusion

Overall, water intake is extremely variable and several factors can cause changes in the daily water intake of the pig. The pig goes through multiple changes of production during its life cycle to reach market weight. From the time the pig is born its ability to survive depends on water and its ability to access it. When pigs are weaned and moved to a new environment, they are faced with multiple stressors that can have a negative impact on growth performance. Weaning can cause a multitude of complications in the industry, getting the pig to drink water and eat feed can be difficult for the facility and management. Technology and management

practices have adapted over time to aid in decreasing the post-weaning lag effect. Dealing with the post weaning lag and maximizing productivity will only prove beneficial to the industry and the animal. Future research still needs to be completed on improving the transition of weaning.

In the nursery, the pig and the overall care the animal receives is important for the production setting. The underdeveloped immune system of the pig when entering the facility poses a problem to production. Porcine Reproductive and Respiratory Syndrome (PRRS), Porcine Epidemic Diarrhea Virus (PEDV), and African Swine Fever (ASF) are just a few of the numerous pathogens the animal could be challenged by while going through the production cycle. Health is the one of the most important aspects in the nursery, as nutrition and environment play a key role in the health of the animal. Nutrition is also important in the nursery because the digestive system of the animal is changing and adapting to the new diet. Going from a milk-based diet to a meal-based diet is an abrupt change for the pig. Developing the digestive system of the pig to be able to add weight is not only economical but, is crucial to production. Keeping the environment of the facility clean and well maintained will only aid in the animals' ability to reach the market. Proper management of the pigs' environment will aid in health and nutrition while production continues.

Overall, there are a variety of factors that can alter water intake during the nursery phase. The attributing factors are limitless, and new stressors are being found with ongoing research. Water is one of the most essential nutrients needed for the pig and is needed for a multitude of functions in the body. Accurate water intake prediction is needed to help aid both animals and industry in becoming more sustainable moving forward. With water sources becoming harder to find, quality water that the livestock industry can use is harder to obtain as production increases. The impact of water intake and overall water use can have on the industry are immense, when

dealing with planning and implementing new advancements in a production setting. Water intake is not a problem that can be fixed overnight, as many stressors in the industry play a role in the daily change. The joint effort of researchers and institutions are needed to make a positive impact on the future and the “forgotten nutrient” across the production system, to continue feeding the world.

CHAPTER II

PREDICTION OF DAILY WATER INTAKE OF PIGS DURING A 41-DAY NURSERY PHASE

Introduction

The production of pork has adapted to the rising demands from the consumer. The ability of the industry to be versatile with ever-changing rules and regulations has helped production last the test of time. However, the new challenging question of sustainability and how it relies on a depleting natural resource is starting to emerge. Water has long been thought of as the nutrient we will never run out of, simply because we are surrounded by it. The research for water intake across the swine industry has been minuscule when compared to other areas of interest. This is important to note due to the increasing number of animals that need to be raised to keep up with a growing population. Water in the swine industry is used not only for nutritional purposes but also for cleaning and effluent. The industry has a large demand for water and being able to reduce the waste could save a large amount each year. The ability to use accurate water intake on the farm is beneficial to the producer, but also to the consumer because it can reduce the price of production.

In the nursery phase, the piglet is going through a multitude of changes, weaning

is one of the most influential times of their life. The ability for the animal to overcome this depression in productivity is the main goal of the producer. By reducing the amount of time weaning lag challenges production of the animal, the industry can become more efficient. The producers in the industry have used advancements in technology in an attempt to reduce the stress put on the animal. Nutritional advancements have been made to reduce the time it takes for the animal to start eating the meal-based diet. Additives in the feed are used to promote feed intake and, in recent years, additives in water are being used to give an initial boost as well. Nutrition is heavily researched because feed cost is 65% of all production cost in the swine industry (Lewis et al., 2000). Continued research with additives is important to monitor water intake, as feed intake builds off water intake. This correlates with (Barber et al., 1989) stating that intake of water is positively correlated with food intake

The production of swine continues to increase as is the growing demands for a sustainable protein source rise. The demand for applied research is needed to advance the industry and stay ahead of the curve. The ability of nutrition alone to make advancements with new regulations being added will not be enough to keep up with the growing demand. The opportunity of new research with water and the intake of water and how that changes performance, will need to occur to keep up with other industries. The objectives of the studies completed were to predict daily water intake for pigs during a 41-day nursery period. Research was conducted to discover how the innovations throughout the industry have changed water intake, and how the industry can better manage the depleting resource.

Materials and Methods

Data sets were collected at the Oklahoma State University Swine Research and Education Center in Stillwater, Oklahoma. In this study, 11 experiments were conducted over the course of 4 years from 2017-2020. A total of 3,080 weaned pigs with an initial average body weight of 5.5 kg were used over the course of the 11 experiments. Pigs were utilized to determine the estimated daily water intake for a 41-day nursery period, with 28 pens and 10 pigs per pen. Pigs were housed in an environmentally-controlled barn, upon arrival pigs were placed in pens using a complete randomized block design. The temperature was set to 31.1°C and, decreased 1°C each week for each trial for a final temperature of 25.6°C. Pigs were weaned at ages between 18 and 22 days, random allotment by bodyweight to pens occurred upon arrival to the farm (d 0).

Pens contained one cup waterer (*Suevia model 929*™) with a water meter (*Assured Automation WM-PD series*™) attached to record daily water intake with *ad libitum* access. Pen spacing and ventilation were met by following industry guidelines and regulations. Daily water readings per trial were recorded at a similar time, 0700-0800 to ensure accurate water intake readings. Water flow rate in the nursery was 950 mL/minute and calibration was done before each trial. Pen water intake was corrected to intake per pig using pig days. Pigs were fed a standard corn-soybean diet *ad libitum* to meet or exceed swine nutrient requirements based on swine NRC (2012). Feed for the trials was mixed and tested by Oklahoma State University. Nursery pigs were fed utilizing a 4- or 5-phase feeding program depending on the study. Average daily feed intake was recorded and adjusted to intake per pig using pig days. Body weights were collected each week (0, 7, 14, 21, 28, 35, 41 d) by pen and adjusted to individual pig body weight. Pigs were vaccinated 3-5 days and 24-26 days after arrival for circovirus and mycoplasma using Merck Circumvent® PCV-M G2.

All materials and methods were followed and reviewed by the Oklahoma State University International Animal Care and Use Committee (IACUC). All staff involved with handling of animals were PQA and IACUC certified. Data sets were analyzed using SAS 9.4 to generate regression equations and correlation using PROC REG and PROC COR. Pen served as the experimental unit with day, body weight (BW), and average daily feed intake (ADFI) as the dependent variable, and water intake as the independent variable for all but one regression equation. ADFI served as the independent variable and water intake served as the dependent variable, to analyze the effect of feed and water intake against each other. Significance for the data was declared at $P < 0.05$, trending $P > 0.05$ to $P < 0.10$. R^2 and r were used to determine the strength and fit of the correlation between independent and the dependent variables, 0 showing no relationship and values closer to 1 showing a stronger relationship.

Results and Discussion

Results for the experiment were measured from day 0-41. Based on the data gathered from the experiments, P values, R^2 , and r were calculated to test significance, model fit, and correlation. We hypothesized that a prediction model for water intake could be made from the dependent variables. From the data collected, we were able to attain three viable options the industry could use to predict daily water intake during the nursery phase.

Figure 1 shows average daily water intake vs. days in nursery. The generated prediction produced the linear equation (Avg. daily water intake (L/pig) = $0.2489 + (0.0698 * \text{Day})$). Our equation yielded a (R^2 of 0.732, $r=0.86$) ($P < 0.0001$). The slope of the equation is stating that for every day increase there is an increase of 0.0698 L/pig in water intake. Producers that use the all in all out method this prediction equation can be important when measuring farm turnover.

Having the capability of predicting the amount of water needed using days will give producers insight on how to manage water better. This also expands on strategic planning for the farm to give a prediction on how many turns the farm will have and, if they are able to obtain enough water to stay productive. The total water intake for a pig during the 41-day nursery phase using the equation for days is 70.303 L/pig. Two dips in the water consumption were observed from 3-5 d and 24-26 d, which corresponded with the vaccination schedule at Oklahoma State University. This shows research for the future and how real-time water intake on the farm can be used to predict problems that arise in the herd. This correlates with Brumm, (2006), Bird et al., (2001), and National Pork Board (2015) that state the multiple possibilities that can be implemented when using real-time water intake monitors. To the authors' knowledge this is the first equation provided for water intake of swine based on days in the nursery.

Figure 2 shows average daily water intake vs. body weight. The prediction produced a linear equation (Avg. daily water intake (L/pig) = $0.1876 + (0.1148 * BW, \text{kg})$). The equation yielded a (R^2 of 0.632, $r = 0.80$) ($P < 0.0001$). The slope for the equation is indicating that for every kilogram increase of bodyweight gain there is an increase in water intake of 0.1148 L/pig. Figure 3 shows average daily water intake vs. average weekly body weight. The prediction produced a linear equation (Avg. daily water intake (L/pig) = $0.0224 + (0.1624 * BW, \text{kg})$). The equation yielded a (R^2 of 0.720, $r = 0.85$) ($P < 0.0001$). The slope for the equation is indicating that for every kilogram increase of average weekly bodyweight there is an increase in water intake of 0.1624 L/pig. The equation given can be used by producers that use bodyweight instead of days to market the animals. If the producers sets a goal weight they can use the prediction equation to see how much water will be utilized during the nursery period. Also, if the producers has a farm that has different weights of pigs in the nursery they can use the model as an estimate

of how much water each bodyweight should be consuming. Small local producers that have a bigger variety of weight distribution can use this equation as well to predict selling times based on cost of water and other factors to maximize profit. To the authors' knowledge this is the first equation provided to find water intake for swine based on bodyweight.

Figure 4 shows average daily water intake vs average daily feed intake. The prediction produced a linear equation (Avg. daily water intake (L/pig) = $0.3256 + (2.6875 * \text{ADFI, kg/pig})$). Figure 5 shows the inverse of Figure 4 and shows the linear equation (Avg. daily feed intake (kg/pig) = $0.0464 + (0.2785 * \text{ADWI, L/pig})$). The (R^2 of 0.748, $r = 0.87$) and ($P < 0.0001$) for both Figure 4 and 5. The slope predicted for every kilogram increase of feed intake there is an increase of 2.6875 L of water intake. The slope for feed intake predicted that for every increase in liter of water intake, the feed intake will increase by 0.2785 kg. This shows that you can use water intake to predict feed intake or vice versa. The equations given correlate with Brooks et al., (1984) and Almond (2002) that use feed intake to predict water intake. The study also correlates with Bigelow and Houpt (1988) that show that 75% of feed intake is associated with water intake. The equations listed above can be used by producers to monitor feed and water intake across the farm. The producers can use this when additives are included in the feed or water to see how they alter each other. Additives such as medication and vaccines can be added to the water along with a variety of other things. The equation given can help producers when looking at feed additives and medication and, how performance and cost change.

Figure 6 and Table 1 are a comparison of Brooks et al. (1984) listed in the NRC (2012) vs. the equation we found using feed consumed, with our equation producing 0.062 L/kg less. The number might not seem large but spread across the industry it could be millions of gallons of water that could be saved. Swine production uses average daily feed intake to predict water

intake requirements, with the new equation researchers have another model to use than the 1984 version.

Table 2 has the average daily water intake L/pig for each week with a comparison for each equation found in the study. The Coefficient of Variation is listed to express dispersion of standard deviation around the means i.e (a larger number meaning higher dispersion). The CV correlates with the vaccination schedule showing higher CV during those periods. Using the equations producers can manage water additives more efficiently. Proper management is important when moving forward with technology and finding other methods to administer medications and vaccines. Figuring out the correct dosage and dilution rate for the water additives can be done using the prediction equation and, timing of when the animals drinking variance is smallest. The ability of producers and management to maximize productivity begins with water and how it can be utilized in the industry.

Overall, the ability for water intake to be predicted using days, bodyweight, or average daily feed intake for swine during the nursery phase is possible. Average daily water intake can also be used to predict average daily feed intake. The equations not only assist the producer in taking care of the animal but, also aids in the site planning and regulatory side of the industry. Water and how it is utilized on the farm is a driving factor when looking at economic profitability. Producers being able to utilize the options of multiple equations will assist them in finding the best location for site development and aid in maximizing productivity. However, the models used for production need to be updated as advancements are made in the industry. Possible implications for future research include using real-time water intake to predict health status, and other management implications.

Conclusion

Management of water in the production setting will only lead to a more sustainable future for the agriculture community. Water prediction in real-time scenarios can be used to predict health-related challenges and other implications that arise on the farm. The “forgotten” nutrient has a larger role to play with the innovations of the industry and feeding the world.

Figure 1 Prediction of Average Daily Water Intake for Pigs during a 41-Day Nursery Phase based on Days in the Nursery.

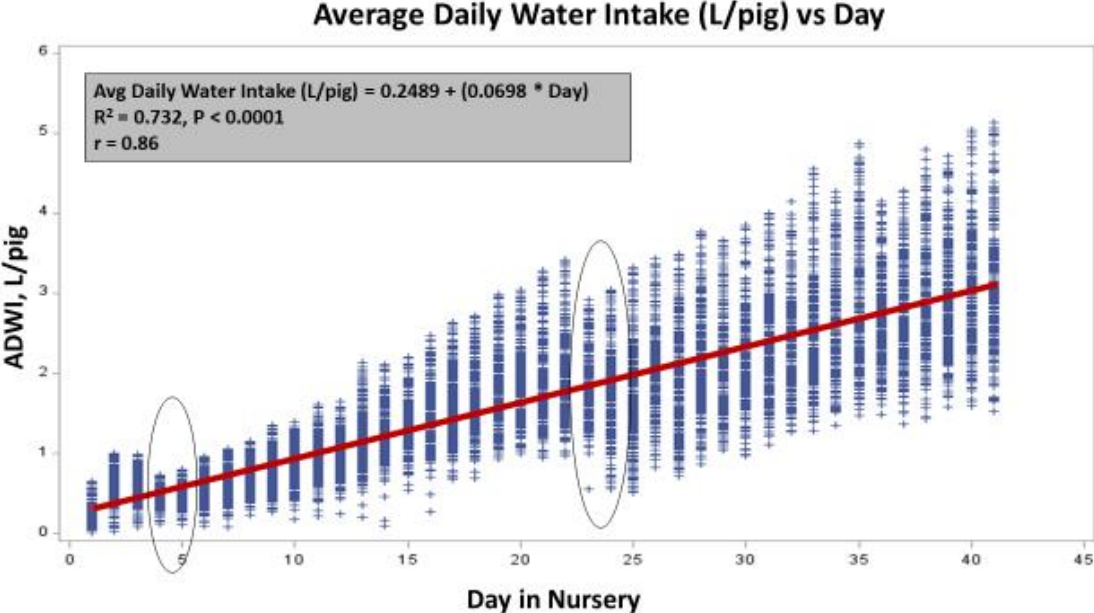


Figure 2 Prediction of Average Daily Water Intake for Pigs during a 41-Day Nursery Phase based on Body Weight.

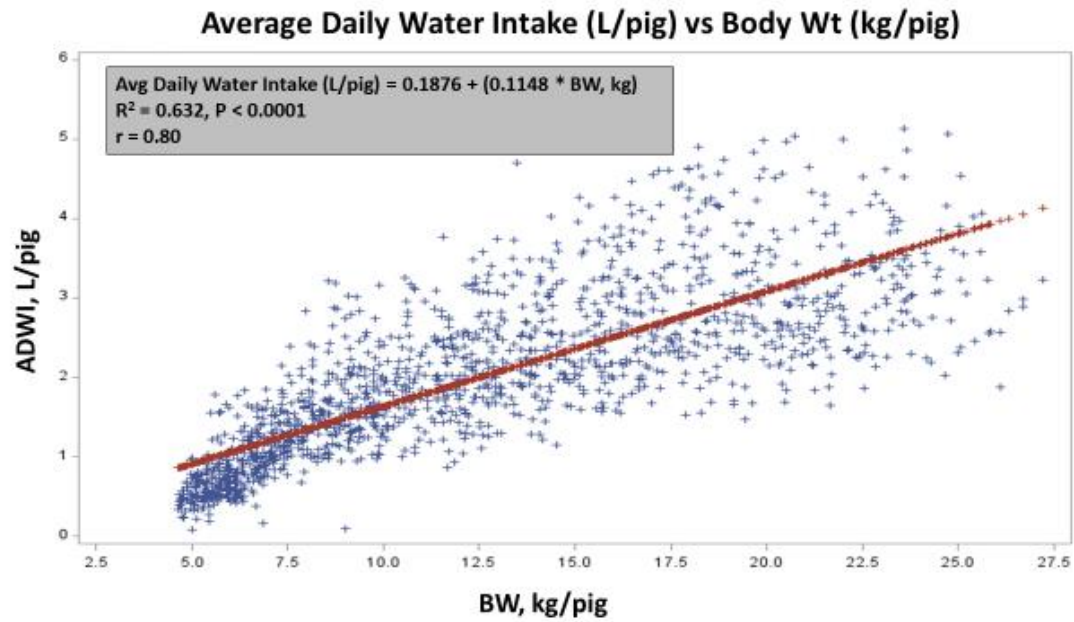


Figure 3 Prediction of Average Daily Water Intake for Pigs during a 41-Day Nursery Phase based on Average Weekly Body Weight.

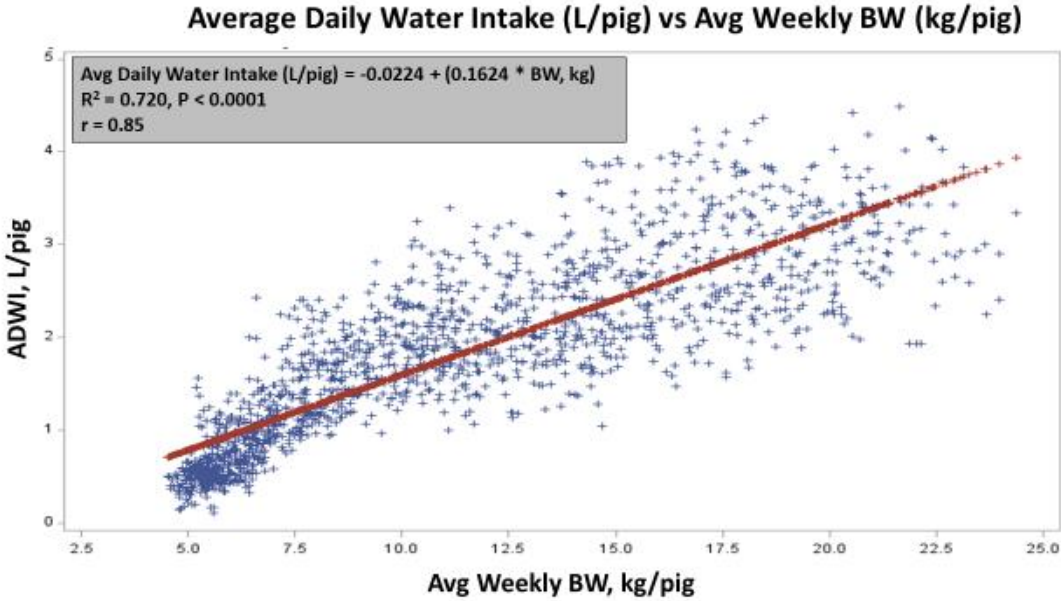


Figure 4 Prediction of Average Daily Water Intake for Pigs during a 41-Day Nursery Phase based on Average Daily Feed Intake.

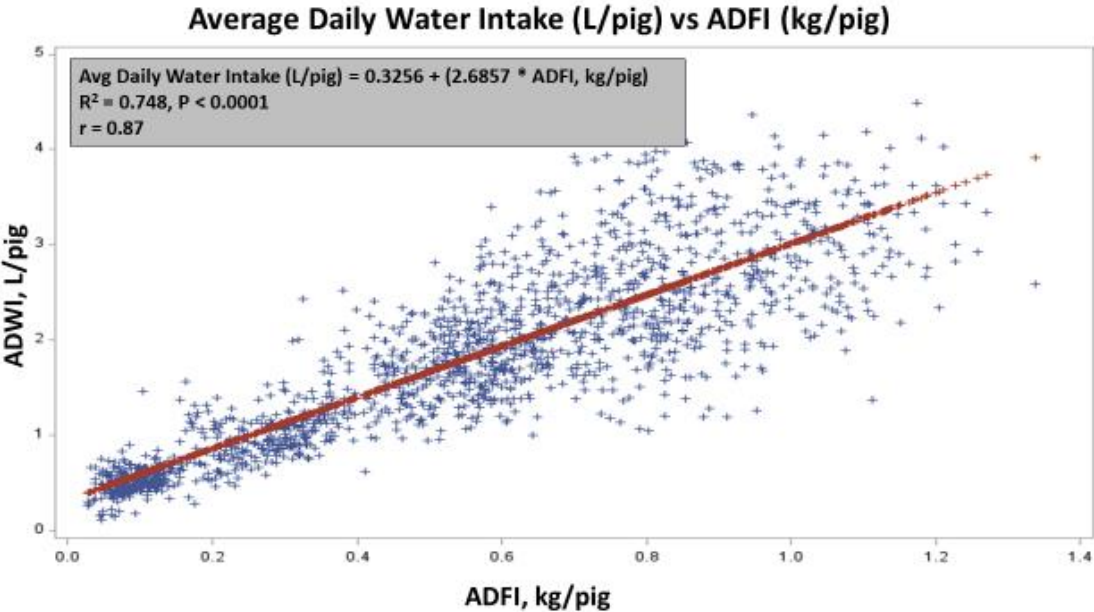


Figure 5 Prediction of Average Daily Feed Intake for Pigs during a 41-Day Nursery Phase based on Average Daily Water Intake.

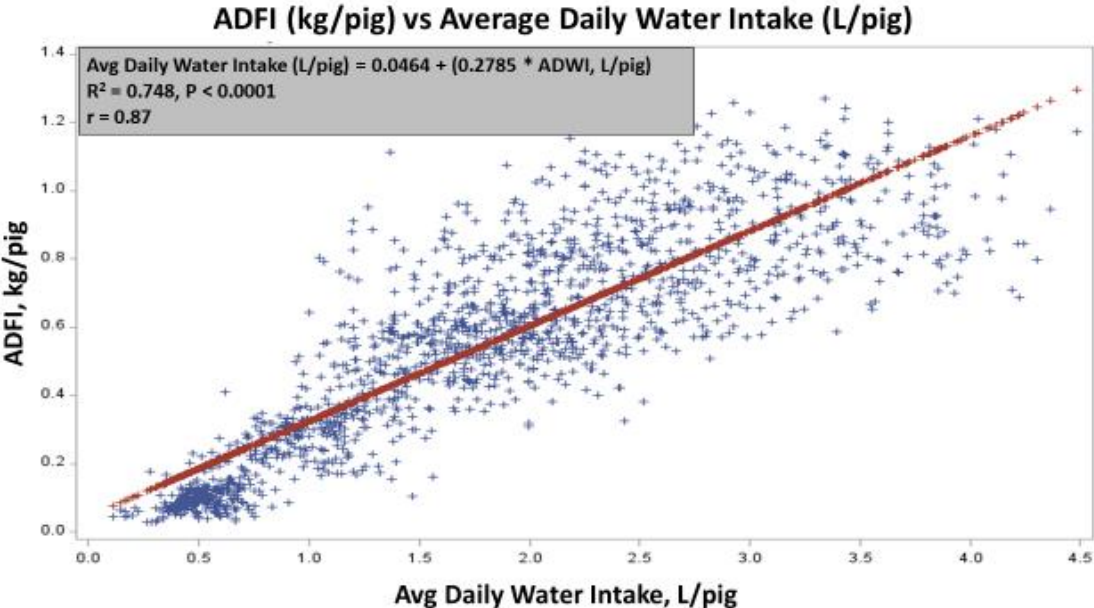


Figure 6 Comparison of Brooks et al., 1984 vs. Scaff et al., 2020 for the Prediction of Average Daily Water Intake based on Average Daily Feed Intake.

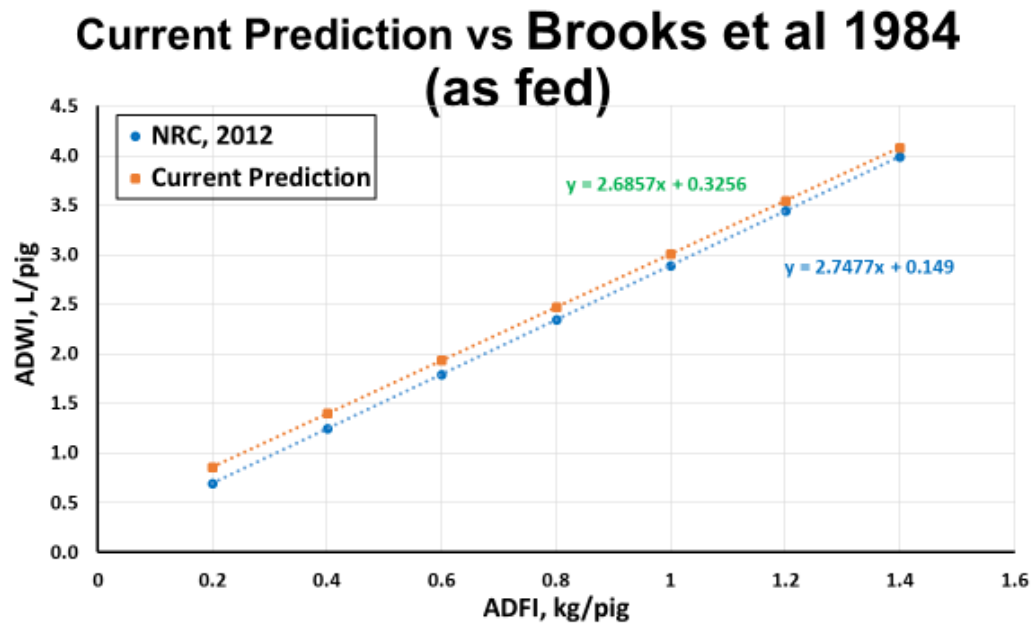


Table 1 Comparison of Brooks et al., 1984 vs. Scaff et al., 2020 for Liters of Water per Kilogram of Feed Consumed.

Brooks et al., 1984	Scaff et al., 2020
2.7477 L /kg of feed consumed	2.6857 L /kg of feed consumed

Table 2 Comparison of Predictions for Average Daily Water based on Days, Bodyweight and Average Daily Feed Intake during a 41-Day Nursery Period.

Comparison of Predictions

Day	Avg Daily Water Intake, L/pig				CV
	By Day	By Avg BW	By ADFI	Avg	
3	0.458	0.880	0.577	0.638	34.04
10	0.947	1.051	1.086	1.028	7.05
17	1.436	1.411	1.704	1.517	10.70
24	1.924	1.880	2.007	1.937	3.33
31	2.413	2.451	2.418	2.427	0.84
38	2.901	3.126	2.954	2.994	3.93

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APPENDICES

Table A1. Daily Water Intake for Pigs for Days 1-7

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
1	1	0.204	0.681	0.772	0.492	0.511	0.935	0.818
1	2	0.386	0.977	0.863	0.443	0.59	0.965	0.844
1	3	0.314	.	.	0.727	.	.	0.969
1	4	0.273	0.977	.	0.632	0.802	0.746	0.659
1	5	0.235	.	0.802	0.382	0.575	0.662	0.727
1	6	0.151	0.382	0.356	0.208	0.36	0.416	0.386
1	7	0.197	0.942	0.776	0.435	0.42	0.708	0.696
1	8	0.269	0.893	0.674	0.341	0.511	0.719	0.795
1	9	0.341	1.007	0.871	0.439	0.484	0.942	0.901
1	10	0.106	0.363	0.534	0.163	0.273	0.439	0.515
1	11	0.242	0.708	0.583	0.269	0.375	0.556	0.575
1	12	0.307	.	0.855	0.416	0.409	0.602	0.655
1	13	0.356	.	0.859	0.575	0.704	0.852	0.753
1	14	0.39	.	.	0.64	0.67	0.931	0.799
1	15	0.39	0.848	0.882	0.704	.	.	.
1	16	0.265	0.772	0.651	0.405	0.428	0.534	0.579
1	17	0.352	.	0.825	0.416	0.731	0.908	0.738
1	18	0.257	0.844	0.715	0.356	0.674	0.768	0.829
1	19	0.329	.	0.905	0.363	0.575	0.572	0.761
1	20	0.212	.	0.836	0.481	0.783	0.689	0.556
1	21	0.28	.	0.712	0.424	0.662	0.791	0.954
1	22	0.22	0.204	.	0.469	0.609	0.632	0.613
1	23	0.235	.	0.889	.	.	.	.
1	24	0.28	0.855	0.526	0.329	0.379	0.344	0.431
1	25	0.064	.	0.871	0.428	.	0.958	0.806
1	26	0.363	.	0.598	0.401	0.45	0.594	0.553
1	27	0.273	0.973	0.678	0.375	0.397	0.473	0.541
1	28	0.189	0.568	0.473	0.295	0.329	0.5	0.602
2	1	0.42	0.477	0.447	0.333	0.534	0.761	0.791
2	2	0.481	0.719	0.56	0.382	0.655	0.848	0.95
2	3	0.515	0.685	0.526	0.405	0.587	0.712	0.961
2	4	0.507	0.545	0.545	0.367	0.481	0.556	0.685
2	5	0.594	0.719	0.549	0.394	0.587	0.783	0.969
2	6	0.598	0.924	0.742	0.526	0.594	0.901	0.995
2	7	.	0.647	0.916	0.386	.	.	.
2	8	.	0.999	0.795	0.598	.	.	0.988
2	9	0.079	0.575	0.303	0.269	0.549	.	1.06
2	10	0.568	0.727	0.526	0.394	0.742	0.836	0.836

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
2	11	0.572	0.643	0.545	0.458	0.738	0.821	0.905
2	12	0.428	0.628	0.45	0.295	0.545	0.643	0.738
2	13	0.492	0.757	0.473	0.322	0.537	0.783	0.871
2	14	0.575	0.67	0.693	0.5	0.768	0.727	0.859
2	15	0.636	0.731	0.678	0.545	0.662	0.836	1.018
2	16	0.628	0.719	0.621	0.443	0.64	0.772	0.92
2	17	0.568	0.643	0.598	0.477	0.731	0.776	0.995
2	18	0.537	0.64	0.473	0.318	0.507	0.64	0.693
2	19	0.481	0.602	0.678	0.462	0.674	0.651	0.753
2	20	0.636	0.712	0.537	0.326	0.522	0.787	0.927
2	21	.	0.685	0.67	0.484	0.59	0.696	0.81
2	22	0.503	0.537	0.742	0.155	0.655	0.723	0.727
2	23	0.64	0.829	0.977	0.685	.	.	.
2	24	0.59	0.863	0.92	0.519	.	.	0.954
2	25	0.602	0.78	.	0.632	.	0.905	1.011
2	26	0.458	0.564	0.5	0.439	0.564	0.651	0.708
2	27	0.481	0.5	0.473	0.333	0.511	0.594	0.606
2	28	0.515	0.606	0.617	0.375	0.674	0.859	1.041
3	2	.	0.712	0.761	.	0.638	0.655	0.825
3	3	.	0.609	0.56	.	0.458	0.708	0.783
3	4	.	0.643	0.681	.	0.509	0.787	0.742
3	5	.	0.606	0.594	.	0.57	0.802	0.765
3	6	.	0.685	0.7	.	0.604	0.886	0.871
3	7	0.541	0.643	0.621	.	0.503	0.579	0.666
3	8	0.643	0.526	0.64	.	0.721	0.905	0.912
3	9	.	0.908	.	.	.	.	0.901
3	10	0.503	0.564	0.515	.	0.524	0.621	0.734
3	11	0.64	0.606	0.534	.	0.483	0.602	0.685
3	12	0.556	0.534	0.522	.	0.471	0.666	0.674
3	13	.	0.863	0.78	.	0.717	0.825	0.965
3	14	.	0.56	0.583	.	0.628	0.878	.
3	15	0.647	0.655	0.534	.	0.483	0.617	0.765
3	16	.	0.719	0.889	.	0.602	0.685	0.795
3	17	.	0.488	0.42	.	0.524	0.647	0.776
3	18	.	0.534	0.519	.	0.447	0.621	0.685
3	19	.	0.594	0.458	.	0.371	0.488	0.553
3	20	.	0.655	0.64	.	0.607	0.625	0.753
3	21	0.64	0.503	0.462	.	0.437	0.583	0.613

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
3	22	.	0.742	0.685	.	0.626	.	0.954
3	23	.	0.712	0.621	.	0.511	0.712	0.772
3	24	.	0.606	0.56	.	0.52	0.655	0.81
3	25	.	0.651	0.719	.	0.632	.	.
3	26	.	0.651	0.545	.	0.502	0.556	0.712
3	27	0.628	0.59	0.492	.	0.509	0.613	0.693
3	28	.	0.56	0.564	.	0.581	.	.
4	1	0.31	0.458	0.632	0.564	0.462	0.519	0.67
4	2	0.307	0.556	0.53	0.382	0.484	0.466	0.632
4	3	0.329	0.401	0.238	0.469	0.492	0.439	0.541
4	4	0.261	0.428	0.537	0.447	0.424	0.492	0.613
4	5	0.216	0.405	0.443	0.322	0.31	0.473	0.481
4	6	0.273	0.394	0.617	0.435	0.28	0.375	0.431
4	7	0.273	0.405	0.564	0.458	0.382	0.466	0.602
4	8	0.386	0.568	0.727	0.511	0.394	0.545	0.685
4	9	0.314	0.519	0.477	0.36	0.477	0.466	0.469
4	10	0.273	0.428	0.537	0.341	0.337	0.481	0.602
4	11	0.477	0.598	0.488	0.492	0.371	0.549	0.643
4	12	0.291	0.537	0.458	0.28	0.326	0.405	0.492
4	13	0.284	0.322	0.564	0.617	0.413	0.572	0.617
4	14	0.31	0.394	0.466	0.367	0.413	0.522	0.534
4	15	0.238	0.326	0.549	0.541	0.439	0.511	0.659
4	16	0.25	0.314	0.428	0.39	0.318	0.39	0.496
4	17	0.307	0.462	0.606	0.416	0.409	0.522	0.67
4	18	0.356	0.409	0.912	0.598	0.477	0.553	0.606
4	19	0.159	0.322	0.428	0.379	0.322	0.39	0.477
4	20	0.238	0.435	0.371	0.56	0.36	0.401	0.428
4	21	0.269	0.382	0.307	0.284	0.291	0.397	0.454
4	22	0.284	0.469	0.628	0.496	0.382	0.439	0.522
4	23	0.238	0.261	0.564	0.583	0.31	0.696	0.659
4	24	0.276	0.492	0.587	0.477	0.363	0.522	0.666
4	25	0.318	0.454	0.386	0.397	0.36	0.458	0.772
4	26	0.333	0.636	0.553	0.435	0.337	0.458	0.484
4	27	0.163	0.583	0.382	0.416	0.42	0.42	0.537
4	28	0.333	0.382	0.371	0.53	0.526	0.534	0.606
5	1	0.011	0.034	0.079	0.246	0.197	0.235	0.431
5	2	0.053	0.185	0.163	0.155	0.174	0.163	0.273
5	3	0.148	0.307	0.356	0.519	0.394	0.322	0.079
5	4	0.144	0.371	0.443	0.382	0.322	0.284	0.428

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
5	5	0.064	0.129	0.257	0.155	0.28	0.242	0.341
5	6	0.076	0.136	0.201	0.125	0.22	0.223	0.413
5	7	0.136	0.352	0.39	0.307	0.303	0.314	0.39
5	8	0.061	0.068	0.129	0.129	0.106	0.098	0.189
5	9	0.136	0.348	0.507	0.477	0.435	0.443	0.594
5	10	0.053	0.117	0.182	0.117	0.159	0.163	0.227
5	11	0.042	0.087	0.257	0.299	0.307	0.25	0.326
5	12	0.144	0.367	0.344	0.246	0.261	0.291	0.333
5	13	0.045	0.091	0.132	0.201	0.197	0.22	0.246
5	14	0.223	0.397	0.348	0.477	0.382	0.326	0.416
5	15	0.14	0.363	0.329	0.25	0.326	0.416	0.526
5	16	0.151	0.307	0.254	0.231	0.269	0.31	0.337
5	17	0.174	0.424	0.356	0.238	0.307	0.326	0.307
5	18	0.163	0.477	0.613	0.477	0.363	0.318	0.435
5	19	0.14	0.341	0.5	0.503	0.348	0.375	0.473
5	20	0.185	0.36	0.469	0.473	0.439	0.326	0.458
5	21	0.178	0.443	0.386	0.367	0.329	0.363	0.636
5	22	0.22	0.397	0.757	0.231	0.409	0.401	0.481
5	23	0.155	0.379	0.503	0.401	0.386	0.314	0.371
5	24	0.144	0.39	0.344	0.371	0.31	0.227	0.473
5	25	0.197	0.39	0.473	0.488	0.5	0.326	0.356
5	26	0.216	0.439	0.59	0.541	0.469	0.31	0.428
5	27	0.114	0.363	0.469	0.443	0.382	0.314	0.337
5	28	0.204	0.545	0.545	0.643	0.655	0.636	0.458
6	1	0.159	0.621	0.613	0.587	0.602	0.537	0.594
6	2	0.064	0.579	0.492	0.428	0.439	0.575	0.583
6	3	0.178	0.606	0.488	0.693	0.78	0.946	0.787
6	4	0.197	0.556	0.439	0.477	0.59	0.545	0.659
6	5	0.185	0.64	0.481	0.394	0.42	0.496	0.503
6	6	0.053	0.496	0.42	0.416	0.431	0.409	0.503
6	7	0.079	0.553	0.564	0.651	0.7	0.458	0.999
6	8	0.288	0.636	0.568	0.515	0.522	0.92	0.431
6	9	0.189	0.56	0.379	0.363	0.367	0.469	0.545
6	10	0.201	0.545	0.409	0.447	0.454	0.496	0.575
6	11	0.22	0.549	0.45	0.53	0.519	0.568	0.564
6	12	0.223	0.572	0.496	0.519	0.386	0.462	0.484
6	13	0.132	0.693	0.564	0.522	0.537	0.643	0.64
6	14	0.17	0.564	0.443	0.583	0.273	0.553	0.662
6	15	0.144	0.458	0.431	0.397	0.375	0.337	0.5

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
6	16	0.167	0.606	0.356	0.379	0.397	0.56	0.594
6	17	0.129	0.386	0.492	0.36	0.5	0.371	0.394
6	18	0.227	0.568	0.537	0.42	0.526	0.746	0.829
6	19	0.254	0.704	0.481	0.477	0.537	0.507	0.568
6	20	0.14	0.609	0.477	0.413	0.488	0.488	0.553
6	21	0.195	0.655	0.511	0.466	0.329	0.333	0.515
6	22	0.163	0.522	0.473	0.469	0.428	0.549	0.503
6	23	0.22	0.613	0.416	0.416	0.435	0.575	0.572
6	24	0.216	0.844	0.799	0.481	0.768	0.662	0.613
6	25	0.238	0.606	0.397	0.454	0.382	0.549	0.431
6	26	0.167	0.541	0.337	0.413	0.424	0.462	0.503
6	27	0.189	0.579	0.466	0.428	0.386	0.424	0.541
7	1	0.265	.	0.984	0.568	0.617	0.78	0.852
7	2	0.28	0.889	0.545	0.503	0.45	0.799	0.734
7	3	0.424	0.715	0.549	0.556	0.469	0.556	0.507
7	4	0.204	0.715	0.814	0.678	0.507	0.534	0.636
7	5	0.25	0.678	0.719	0.477	0.416	0.666	0.689
7	6	0.329	0.814	0.829	.	0.723	0.636	0.541
7	7	0.246	0.912	0.678	0.587	0.553	0.719	0.583
7	8	0.163	0.59	0.977	0.685	0.413	0.428	0.511
7	9	0.314	0.859	.	0.727	0.526	0.814	0.776
7	10	0.216	0.746	0.712	0.613	0.443	0.572	0.511
7	11	0.352	0.954	0.852	0.511	0.462	0.674	0.56
7	12	0.261	0.787	0.643	0.5	0.484	0.685	0.689
7	13	0.197	0.712	0.572	0.443	0.447	0.534	0.545
7	14	0.28	0.795	0.666	.	0.424	0.568	0.473
7	15	0.231	0.662	.	.	.	0.852	0.852
7	16	0.197	0.617	.	0.469	0.348	0.405	0.492
7	17	0.356	0.742	0.693	0.568	0.53	0.496	0.469
7	18	0.273	0.53	0.488	0.507	0.606	0.617	0.466
7	19	0.159	0.602	0.488	0.356	0.42	0.689	0.666
7	20	0.341	.	0.765	0.723	0.783	.	0.844
7	21	0.254	0.734	0.954	0.715	0.397	0.572	0.526
7	22	0.273	0.693	0.708	0.466	0.356	0.496	0.454
7	23	0.284	0.984	.	0.602	0.549	0.783	0.98
7	24	0.269	0.681	0.746	0.647	0.541	0.678	0.625
7	25	0.322	0.927	0.772	.	0.799	0.78	0.568
7	26	0.481	.	.	0.719	0.579	0.602	0.541

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
7	27	0.189	0.685	0.908	0.609	0.428	0.598	0.534
7	28	0.276	0.693	0.696	0.621	0.413	0.382	0.394
8	1	0.129	0.492	0.503	0.348	0.341	0.348	0.496
8	2	0.098	0.636	0.526	0.435	0.295	0.386	0.541
8	3	0.17	0.572	0.59	0.481	0.435	0.45	0.564
8	4	0.079	0.587	0.439	0.333	0.326	0.435	0.447
8	5	0.11	0.45	0.379	0.379	0.394	0.322	0.431
8	6	0.167	0.64	0.53	0.522	0.488	0.519	0.621
8	7	0.079	0.572	0.477	0.443	0.375	0.356	0.511
8	8	0.098	0.545	0.39	0.367	0.314	0.307	0.405
8	9	0.132	0.625	0.5	0.371	0.42	0.447	0.534
8	10	0.159	0.64	0.496	0.394	0.379	0.431	0.515
8	11	0.189	0.715	0.534	0.447	0.428	0.39	0.519
8	12	0.129	0.447	0.363	0.39	0.36	0.356	0.363
8	13	0.095	0.5	0.431	0.443	0.424	0.492	0.56
8	14	0.174	0.681	0.53	.	0.64	0.519	0.64
8	15	0.17	0.503	0.503	0.462	0.484	0.431	0.564
8	16	0.106	0.541	0.39	0.356	0.413	0.413	0.481
8	17	0.208	0.545	0.443	0.42	0.53	0.447	0.515
8	18	0.144	0.53	0.553	0.609	0.45	0.39	0.5
8	19	0.189	0.462	0.484	0.39	0.318	0.307	0.469
8	20	0.136	0.522	0.42	0.435	0.397	0.435	0.583
8	21	0.098	0.443	0.352	0.454	0.371	0.439	0.401
8	22	0.17	0.522	0.375	0.416	0.341	0.356	0.413
8	23	0.178	0.609	0.428	0.462	0.462	0.394	0.606
8	24	0.197	0.609	0.462	0.534	0.549	0.481	0.636
8	25	0.204	0.723	0.59	0.556	0.534	0.496	0.45
8	26	0.144	0.602	0.568	0.424	0.473	0.435	0.56
8	27	0.125	0.333	0.379	0.322	0.299	0.303	0.454
8	28	0.114	0.609	0.496	0.428	0.609	0.462	0.541
9	1	0.227	0.526	0.507	0.492	0.413	0.526	0.704
9	2	0.231	0.454	0.462	0.431	0.549	0.553	0.78
9	3	0.257	0.401	0.443	0.409	0.435	0.492	0.795
9	4	0.223	0.473	0.428	0.435	0.431	0.534	0.7
9	5	0.204	0.22	0.704	0.606	0.488	0.522	0.757
9	6	0.28	0.598	0.643	0.647	0.632	0.526	0.768
9	7	0.254	0.678	0.598	0.534	0.534	0.447	0.662
9	8	0.231	0.621	0.568	0.503	0.473	0.583	0.666
9	9	0.269	0.568	0.568	0.492	0.496	0.625	0.818

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
9	10	0.223	0.477	0.428	0.42	0.458	0.484	0.681
9	11	0.326	0.689	0.549	0.492	0.484	0.579	0.874
9	12	0.254	0.469	0.481	0.545	0.515	0.537	0.791
9	13	0.201	0.401	0.466	0.405	0.443	0.458	0.734
9	14	0.22	0.5	0.545	0.462	0.515	0.613	0.81
9	15	0.254	0.5	0.405	0.394	0.409	0.477	0.636
9	16	0.299	0.534	0.462	0.484	0.443	0.443	0.625
9	17	0.254	0.575	0.507	0.454	0.469	0.553	0.749
9	18	0.25	0.515	0.56	0.416	0.443	0.462	0.685
9	19	0.31	0.564	0.583	0.424	0.45	0.484	0.833
9	20	0.227	0.424	0.416	0.367	0.405	0.401	0.708
9	21	0.212	0.5	0.428	0.379	0.394	0.428	0.723
9	22	0.242	0.503	0.556	0.45	0.462	0.458	0.742
9	23	0.295	0.628	0.511	0.413	0.439	0.534	0.689
9	24	0.265	0.587	0.556	0.515	0.443	0.352	0.625
9	25	0.314	0.78	0.5	0.431	0.447	0.541	0.734
9	26	0.291	0.575	0.466	0.363	0.492	0.609	0.871
9	27	0.265	0.553	0.416	0.379	0.431	0.466	0.712
9	28	0.322	0.579	0.617	0.466	0.568	0.424	0.708
10	1	0.091	0.439	0.469	0.45	0.617	0.466	0.738
10	2	0.17	0.458	0.602	0.583	0.579	0.481	0.874
10	3	0.394	0.367	0.454	0.394	0.36	0.503	0.462
10	4	0.185	0.344	0.314	0.303	0.382	0.375	0.534
10	5	0.254	0.382	0.447	0.492	0.469	0.307	0.401
10	6	0.159	0.477	0.541	.	.	0.522	0.924
10	7	0.238	0.666	0.643	0.643	0.746	0.575	0.67
10	8	0.288	0.466	0.594	0.715	.	0.447	0.992
10	9	0.227	0.136	0.136	0.238	0.167	0.132	0.22
10	10	0.167	0.522	0.617	0.515	0.553	0.526	0.693
10	11	0.193	0.647	0.768	.	.	0.946	.
10	12	0.121	0.39	0.45	0.53	0.568	0.526	1.03
10	13	0.295	0.409	0.39	0.428	0.454	0.382	0.67
10	14	0.276	0.401	0.371	0.496	0.435	0.348	0.484
10	15	0.318	0.59	0.59	0.435	0.515	0.371	0.647
10	16	0.227	0.519	0.469	0.413	0.356	0.254	0.503
10	17	0.22	0.496	0.386	0.416	0.443	0.28	0.526
10	18	0.246	0.477	0.632	0.522	0.473	0.344	0.625
10	19	0.238	0.42	0.537	0.469	0.413	0.314	0.477
10	20	0.212	0.454	0.606	0.594	0.712	0.431	0.621

Daily Water Intake, L/Pig								
Exp	Pen	1	2	3	4	5	6	7
10	21	0.257	0.492	0.541	0.477	0.53	0.337	0.704
10	22	0.341	0.594	0.678	0.613	0.568	0.31	0.572
10	23	0.333	0.598	0.541	0.64	0.375	0.303	0.469
10	24	0.329	0.742	0.662	0.443	0.462	0.333	0.568
10	25	0.201	0.606	0.836	0.681	0.466	0.28	0.783
10	26	0.261	0.617	0.636	0.568	0.473	0.322	0.568
10	27	0.326	0.545	0.541	0.628	0.473	0.307	0.522
10	28	0.189	0.348	0.583	0.439	0.409	0.212	0.431
11	1	0.204	0.59	0.715	0.556	0.534	0.537	0.602
11	2	0.155	0.587	0.708	0.473	0.439	0.53	0.579
11	3	0.155	0.659	0.749	0.481	0.348	0.496	0.564
11	4	0.148	0.291	0.678	0.466	0.413	0.397	0.522
11	5	0.11	0.583	0.579	0.371	0.371	0.481	0.572
11	6	0.102	0.738	0.791	0.606	0.5	0.59	0.594
11	7	0.148	0.45	0.662	0.503	0.424	0.405	0.484
11	8	0.091	.	0.954	0.723	0.715	0.889	0.874
11	9	0.22	0.787	0.825	0.625	0.5	0.549	0.776
11	10	0.14	0.606	0.583	0.443	0.397	0.431	0.553
11	11	0.201	0.742	0.882	0.689	0.59	0.731	0.961
11	12	0.121	0.674	0.765	0.564	0.443	0.42	0.439
11	13	0.125	0.481	0.575	0.462	0.401	0.375	0.541
11	14	0.17	0.435	0.662	0.375	0.386	0.416	0.458
11	15	0.257	0.655	.	0.704	0.613	0.719	0.806
11	16	0.159	0.413	0.522	0.386	0.344	0.326	0.367
11	17	0.129	0.507	0.632	0.602	0.443	0.39	0.42
11	18	0.167	0.731	0.776	0.572	0.621	0.575	0.587
11	19	0.125	0.568	0.59	0.488	0.439	0.379	0.462
11	20	0.185	0.942	0.874	0.7	0.621	0.56	0.81
11	21	0.102	0.507	0.772	0.522	0.5	0.519	0.519
11	22	0.167	0.553	0.609	0.424	0.42	0.484	0.481
11	23	0.114	0.575	0.602	0.515	0.473	0.5	0.575
11	24	0.223	0.651	0.984	0.651	0.56	0.515	0.594
11	25	0.242	0.492	0.678	0.507	0.481	0.462	0.503
11	26	0.045	0.802	0.844	0.519	0.519	0.526	0.503
11	27	0.114	0.549	0.7	0.155	0.791	0.458	0.537
11	28	0.14	0.602	0.568	0.583	0.39	0.397	0.488

Table A2. Daily Water Intake for Pigs for Days 8-14

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
1	1	0.942	1.351	1.344	1.605	1.067	1.798	.
1	2	0.783	1.052	1.185	1.472	1.166	1.896	.
1	3	.	1.31	.	.	1.385	1.858	1.563
1	4	0.655	1.022	0.818	1.052	1.09	1.681	.
1	5	0.814	0.92	1.033	1.06	1.136	1.593	1.563
1	6	0.621	0.761	0.81	0.973	0.92	1.378	1.359
1	7	0.681	0.814	0.863	0.836	0.799	1.219	1.132
1	8	0.795	0.882	0.984	0.969	0.829	1.06	1.154
1	9	0.965	1.113	1.204	1.264	1.173	1.484	1.616
1	10	0.598	0.874	1.064	1.204	0.92	1.329	1.48
1	11	0.765	0.973	0.912	1.052	0.814	1.223	1.188
1	12	0.693	0.946	0.999	1.257	1.098	1.518	1.306
1	13	0.715	0.935	1.075	1.245	1.188	1.711	1.522
1	14	0.901	1.132	1.245	.	1.522	1.889	1.805
1	15	0.855	.	1.294	.	1.336	1.98	1.949
1	16	0.556	0.768	0.844	1.06	0.802	1.378	1.306
1	17	0.696	0.889	0.878	1.105	0.829	1.416	1.257
1	18	0.791	1.056	0.931	1.105	1.033	1.59	1.612
1	19	0.799	1.018	1.014	1.117	1.026	1.628	1.382
1	20	0.727	0.761	0.931	1.378	1.09	1.681	1.639
1	21	0.897	1.272	1.215	1.563	1.427	2.036	1.491
1	22	0.473	0.632	0.7	0.886	0.78	1.272	1.294
1	23	1.12	1.26	1.177	1.472	1.154	1.851	1.639
1	24	0.727	0.901	0.924	1.064	1.147	1.488	1.219
1	25	.	.	.	.	.	.	.
1	26	0.643	0.905	1.139	1.34	1.204	1.593	1.628
1	27	0.5	0.704	0.734	0.814	0.761	1.287	0.984
1	28	0.787	0.681	0.867	1.211	0.98	1.518	1.397
2	1	0.889	1.109	1.291	1.382	1.385	1.578	1.506
2	2	1.064	1.105	0.946	1.31	1.136	0.78	1.207
2	3	0.999	1.124	1.06	1.294	1.241	1.374	1.559
2	4	0.806	0.958	0.897	1.022	0.886	1.007	1.048
2	5	0.821	1.007	1.086	1.219	1.018	1.272	1.287
2	6	.	1.192	1.147	1.382	1.294	1.139	1.132
2	7	.	1.234	1.071	1.268	1.041	1.238	1.457
2	8	1.037	1.083	1.279	1.51	1.211	1.223	1.347
2	9	0.715	0.696	0.704	0.954	0.84	1.264	1.461
2	10	0.908	1.026	1.079	1.139	1.185	1.344	1.609

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
2	11	0.961	1.101	1.075	1.143	1.31	1.325	1.571
2	12	0.712	0.901	0.829	0.836	0.935	1.06	1.03
2	13	1.033	0.999	0.973	1.113	1.389	1.416	1.412
2	14	0.855	1.06	1.041	1.117	1.048	1.393	1.404
2	15	1.041	1.132	1.177	1.397	1.298	1.336	1.616
2	16	0.931	1.094	1.09	1.188	1.136	1.154	1.366
2	17	1.041	1.166	1.257	1.211	1.033	1.12	1.34
2	18	0.715	0.704	0.874	1.075	1.094	1.215	1.366
2	19	0.787	0.889	1.056	1.204	1.147	1.139	1.151
2	20	1.056	0.977	1.166	1.124	1.245	1.196	1.382
2	21	0.939	1.294	1.393	1.351	1.419	1.548	1.745
2	22	0.901	1.188	1.094	1.245	1.321	1.4	1.575
2	23	1.132	.	.	.	.	2.017	2.036
2	24	.	1.317	.	.	1.548	1.904	2.093
2	25	0.855	1.113	1.041	1.272	1.332	1.465	1.692
2	26	0.867	0.942	1.011	1.26	1.291	1.359	1.366
2	27	0.674	0.734	0.818	0.863	0.905	0.98	1.018
2	28	1.132	1.249	.	1.438	1.302	1.378	1.923
3	2	1.045	1.268	1.185	1.279	1.325	1.495	1.423
3	3	1.041	0.961	0.992	1.245	1.17	1.132	1.052
3	4	0.783	0.946	1.06	1.041	1.037	1.151	1.147
3	5	0.977	1.245	1.173	1.306	1.158	1.412	1.416
3	6	1.022	1.018	1.272	1.416	1.302	1.567	1.605
3	7	0.852	0.874	1.185	1.287	1.306	1.435	1.559
3	8	1.154	1.336	1.279	1.457	1.559	1.491	1.484
3	9	0.992	1.045	1.014	1.196	1.083	1.245	1.283
3	10	0.954	0.995	0.765	1.151	1.245	1.34	1.287
3	11	0.844	1.09	1.109	1.094	1.245	1.283	1.234
3	12	0.78	0.825	0.689	1.12	1.033	0.988	1.26
3	13	0.984	1.067	1.067	1.117	1.207	1.329	1.264
3	14	1.056	1.245	.	1.518	.	1.745	1.783
3	15	0.871	1.037	1.083	1.139	1.09	1.033	1.173
3	16	0.905	1.026	1.154	0.961	0.992	1.238	1.325
3	17	0.882	1.041	1.238	1.154	1.181	1.624	1.658
3	18	0.859	0.787	0.787	1.052	1.139	1.105	1.101
3	19	0.609	0.731	0.731	0.746	0.889	0.924	0.977
3	20	0.912	0.995	1.018	1.291	1.272	1.355	1.389
3	21	0.746	0.901	0.901	0.916	1.041	1.086	1.294

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
3	22	1.011	1.109	1.109	1.188	1.147	1.264	1.215
3	23	0.946	1.147	1.022	1.291	1.185	1.283	1.514
3	24	1.105	1.34	1.219	1.461	1.249	1.313	1.575
3	25	1.151	.	1.257	.	1.355	1.745	.
3	26	0.814	0.912	0.836	1.12	1.151	1.294	1.329
3	27	0.908	1.011	0.973	1.098	0.969	1.147	1.245
3	28	.	.	.	1.582	1.529	1.586	1.552
4	1	0.821	1.018	1.173	1.336	1.336	.	0.091
4	2	0.844	1.083	1.245	1.158	1.336	.	1.113
4	3	0.53	0.617	0.765	0.965	1.083	1.87	1.09
4	4	0.742	0.935	1.245	1.185	1.223	.	1.435
4	5	0.594	0.746	0.886	1.079	1.313	2.078	1.279
4	6	0.583	0.662	0.776	1.011	1.472	.	.
4	7	0.727	0.95	1.158	1.192	1.173	1.783	1.056
4	8	0.765	0.954	1.056	1.117	1.26	.	1.086
4	9	0.56	0.791	0.791	1.226	1.067	1.889	0.942
4	10	0.749	0.889	1.003	1.26	1.317	2.135	1.378
4	11	0.912	1.011	1.139	1.427	1.578	.	1.597
4	12	0.598	0.791	0.818	1.124	1.234	1.764	1.461
4	13	0.731	0.961	1.12	1.06	0.988	1.737	1.363
4	14	0.708	0.852	0.905	0.882	1.079	1.435	1.022
4	15	0.818	0.901	0.988	1.173	1.294	2.131	1.245
4	16	0.587	0.662	0.852	1.048	0.961	1.665	0.992
4	17	0.871	1.09	1.226	1.37	.	.	1.529
4	18	1.003	1.014	.	.	.	.	2.059
4	19	0.617	0.708	0.821	0.924	1.113	1.953	0.81
4	20	0.488	0.594	0.749	1.06	1.09	1.559	1.086
4	21	0.708	0.64	0.715	0.825	1.06	1.805	1.215
4	22	0.791	0.874	1.17	1.359	1.472	.	1.397
4	23	0.579	0.772	0.829	0.844	0.946	1.681	1.022
4	24	0.727	0.886	1.147	1.2	1.238	.	1.098
4	25	0.776	0.912	1.185	1.332	1.654	.	1.571
4	26	0.685	0.765	0.908	1.09	.	1.734	1.298
4	27	0.666	0.799	0.852	0.924	1.083	1.646	1.098
4	28	0.59	0.738	0.927	1.162	1.264	.	1.794
5	1	0.39	0.469	0.636	0.723	1.022	1.2	1.529
5	2	0.341	0.31	0.299	0.284	0.431	0.617	0.999
5	3	0.988	0.553	0.526	0.681	0.537	1.071	0.905
5	4	0.416	0.519	0.466	0.42	0.575	0.609	0.738

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
5	5	0.379	0.42	0.519	0.594	0.7	1.079	1.003
5	6	0.447	0.545	0.564	0.825	0.814	0.954	1.245
5	7	0.477	0.466	0.579	0.587	0.719	0.901	1.109
5	8	0.303	0.295	0.303	0.405	0.45	0.617	0.855
5	9	0.617	0.496	0.575	0.594	0.863	0.776	1.018
5	10	0.235	0.273	0.174	0.22	0.246	0.348	0.466
5	11	0.579	0.5	0.496	0.689	0.855	0.859	1.2
5	12	0.394	0.42	0.454	0.397	0.507	0.519	0.655
5	13	0.326	0.322	0.356	0.439	0.579	0.666	0.878
5	14	0.435	0.431	0.515	0.549	0.681	0.78	0.942
5	15	0.511	0.462	0.424	0.466	0.587	0.594	0.787
5	16	0.454	0.397	0.413	0.651	0.753	0.678	0.81
5	17	0.424	0.424	0.401	0.397	0.431	0.208	0.17
5	18	0.473	0.435	0.519	0.56	0.757	0.753	0.818
5	19	0.473	0.473	0.473	0.496	0.617	0.606	0.742
5	20	0.496	0.568	0.712	0.727	1.048	1.011	1.624
5	21	0.594	0.594	0.678	0.583	0.738	0.829	1.052
5	22	0.428	0.469	0.462	0.621	0.765	0.704	0.988
5	23	0.409	0.462	0.549	0.526	0.681	0.651	0.886
5	24	0.447	0.59	0.625	0.78	0.806	1.136	1.253
5	25	0.375	0.36	0.439	0.42	0.564	0.67	0.84
5	26	0.473	0.496	0.53	0.5	0.5	0.999	0.942
5	27	0.379	0.462	0.484	0.5	0.643	0.689	0.746
5	28	0.674	0.685	0.783	0.621	0.916	0.897	0.927
6	1	0.693	0.787	0.67	1.075	1.158	1.313	1.37
6	2	0.651	0.765	0.715	1.094	1.355	1.173	1.385
6	3	0.886	1.067	0.95	1.291	1.374	1.484	1.658
6	4	0.708	0.681	0.511	0.848	1.113	1.044	1.337
6	5	0.643	0.791	0.734	0.992	1.094	1.094	1.2
6	6	0.568	0.632	0.606	1.064	0.64	0.893	1.109
6	7	0.844	0.878	0.901	1.276	1.419	1.234	1.571
6	8	0.844	0.886	0.704	1.196	1.249	1.427	1.514
6	9	0.655	0.863	0.776	1.056	1.086	1.2	1.276
6	10	0.643	0.632	0.579	0.765	0.905	0.973	0.999
6	11	0.625	0.693	0.636	0.977	1.026	1.109	1.294
6	12	0.636	0.78	0.568	1.067	1.09	1.136	1.219
6	13	0.696	0.712	0.636	0.965	1.253	1.457	1.397
6	14	0.659	0.723	0.712	0.995	1.06	1.041	1.344
6	15	0.515	0.625	0.617	0.95	0.878	0.95	1.185

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
6	16	0.643	0.602	0.731	0.954	1.03	1.113	1.241
6	17	0.621	0.715	0.617	0.939	0.931	0.871	1.128
6	18	0.878	0.988	0.821	1.014	1.321	1.234	1.226
6	19	0.84	0.852	1.113	1.26	1.423	1.488	.
6	20	0.609	0.753	0.643	0.984	0.931	1.018	1.351
6	21	0.568	0.704	0.734	1.109	1.139	1.302	1.389
6	22	0.685	0.731	0.681	1.011	1.067	1.162	1.151
6	23	0.628	0.693	0.613	1.007	1.045	1.003	1.241
6	24	0.674	0.783	0.821	1.136	1.351	1.385	1.408
6	25	0.549	0.628	0.583	0.924	0.844	0.799	0.931
6	26	0.56	0.674	0.59	0.882	0.946	0.995	1.007
6	27	0.647	0.81	0.791	1.033	1.094	1.113	1.283
7	1	0.848	0.886	0.916	1.026	1.056	1.465	1.699
7	2	0.768	0.821	0.897	0.844	0.871	1.185	1.132
7	3	0.469	0.583	0.64	0.662	0.621	0.916	1.079
7	4	0.575	0.848	0.912	0.901	0.992	1.302	1.347
7	5	0.628	0.787	0.734	0.814	1.018	1.196	1.109
7	6	0.647	0.734	1.048	1.101	1.128	1.575	1.438
7	7	0.484	0.67	0.753	0.836	0.863	1.011	0.874
7	8	0.526	0.659	0.818	0.836	0.802	1.132	1.147
7	9	0.765	1.003	1.245	1.2	1.083	1.601	1.643
7	10	0.45	0.606	0.731	0.783	0.757	0.901	1.052
7	11	0.696	0.787	0.912	0.833	0.564	1.067	1.279
7	12	0.583	0.64	0.696	0.678	0.795	1.098	1.064
7	13	0.431	0.583	0.674	0.678	0.696	0.924	0.905
7	14	0.416	0.598	0.719	0.749	0.818	1.139	1.09
7	15	0.776	1.109	1.007	0.908	0.833	1.805	1.624
7	16	0.424	0.647	0.878	0.931	0.791	1.003	1.067
7	17	0.621	0.893	0.844	0.757	0.852	1.09	1.321
7	18	0.428	0.708	0.681	0.56	0.549	0.715	0.859
7	19	0.492	0.609	0.746	0.833	0.878	1.014	0.969
7	20	0.731	0.78	0.878	1.109	1.105	1.495	1.4
7	21	0.492	0.799	0.931	0.92	0.863	1.09	1.2
7	22	0.526	0.621	0.681	0.806	0.761	0.969	0.954
7	23	0.708	0.852	0.977	1.302	1.226	1.59	1.609
7	24	0.753	0.696	0.848	0.799	1.154	1.453	1.563
7	25	0.587	0.696	0.727	0.958	0.878	1.173	1.026
7	26	0.534	0.844	0.992	0.799	0.818	0.977	0.988

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
7	27	0.659	0.704	0.844	0.746	0.7	0.848	0.833
7	28	0.45	0.659	0.852	0.863	1.041	1.503	1.177
8	1	0.556	0.727	0.738	0.776	0.882	0.882	1.037
8	2	0.545	0.719	0.579	0.757	0.802	0.946	1.139
8	3	0.56	0.712	0.678	0.78	0.776	0.916	0.984
8	4	0.712	0.409	0.636	0.765	0.761	1.298	0.999
8	5	0.579	0.636	0.606	0.712	0.64	0.806	0.878
8	6	0.757	0.821	1.048	0.958	0.931	1.192	0.871
8	7	0.67	0.765	0.704	0.836	0.912	0.973	1.158
8	8	0.67	0.67	0.731	0.757	0.78	0.969	1.207
8	9	0.59	0.731	0.905	0.84	0.802	0.969	1.177
8	10	0.564	0.734	0.67	0.799	0.799	1.052	1.238
8	11	0.56	0.787	0.746	0.818	0.806	0.973	1.279
8	12	0.462	0.659	0.678	0.606	0.897	0.844	1.094
8	13	0.53	0.628	0.799	0.939	0.821	0.761	0.874
8	14	0.666	0.78	1.064	0.946	1.007	1.06	1.559
8	15	0.511	0.541	0.659	0.7	0.84	1.014	1.158
8	16	0.541	0.7	0.659	0.814	0.874	1.037	1.09
8	17	0.556	0.59	0.719	0.696	0.742	0.931	1.071
8	18	0.522	0.655	0.708	0.833	0.878	0.886	1.12
8	19	0.45	0.496	0.522	0.632	0.534	1.022	0.897
8	20	0.481	0.628	0.655	0.795	0.787	0.908	1.105
8	21	0.484	0.64	0.64	0.708	0.738	0.859	0.927
8	22	0.39	0.526	0.609	0.704	0.753	0.897	0.931
8	23	0.53	0.674	0.553	0.848	0.84	1.026	1.17
8	24	0.749	0.886	0.942	1.124	1.166	1.48	1.484
8	25	0.511	0.791	0.806	0.927	1.298	1.321	1.363
8	26	0.537	0.757	0.67	0.901	1.067	1.12	1.389
8	27	0.447	0.655	0.617	0.734	0.731	0.848	1.014
8	28	0.549	0.799	0.772	1.037	1.158	1.083	1.469
9	1	0.746	0.806	0.749	0.806	0.939	1.071	1.011
9	2	0.912	0.98	1.033	0.988	0.999	1.476	1.707
9	3	0.685	0.806	0.814	0.802	0.939	1.067	1.276
9	4	0.802	0.889	0.806	0.935	1.136	1.692	1.681
9	5	0.783	0.712	0.776	0.821	0.889	1.045	1.056
9	6	0.727	0.795	0.768	1.011	1.215	1.404	1.756
9	7	0.757	0.814	0.859	0.931	0.958	1.041	1.056
9	8	0.977	0.799	0.632	1.014	0.867	1.022	1.041
9	9	0.878	0.749	0.719	0.874	0.961	1.052	1.313

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
9	10	0.731	0.939	0.806	0.855	0.821	1.302	1.344
9	11	0.783	0.791	0.734	0.783	0.84	1.048	1.215
9	12	0.787	0.814	0.901	0.848	1.052	1.177	1.173
9	13	0.821	0.889	0.965	1.003	0.818	1.45	1.431
9	14	0.931	1.045	1.067	1.052	1.09	1.018	1.408
9	15	0.632	0.647	0.659	0.727	0.836	0.882	0.977
9	16	0.734	0.757	0.814	1.041	1.207	1.105	1.207
9	17	0.689	0.852	0.806	0.912	0.92	0.973	1.158
9	18	0.912	0.92	0.867	1.136	0.874	1.268	1.556
9	19	1.011	0.874	0.969	1.109	1.094	1.272	1.431
9	20	0.757	0.901	0.905	1.03	0.852	1.098	1.151
9	21	0.685	0.632	0.727	0.636	0.647	0.833	0.836
9	22	0.734	0.821	0.848	0.92	0.874	0.833	1.022
9	23	0.742	0.749	0.791	1.018	1.109	1.287	1.317
9	24	0.655	0.662	0.753	0.954	0.939	1.238	1.253
9	25	0.749	0.878	0.825	0.988	1.003	0.988	1.041
9	26	0.924	1.033	0.916	1.109	0.98	1.257	1.306
9	27	0.988	0.715	0.878	0.999	1.037	1.083	1.079
9	28	0.749	0.818	1.136	1.279	1.147	1.181	1.313
10	1	1.143	1.03	1.151	1.192	1.552	1.87	2.033
10	2	0.973	1.257	.	1.363	.	1.964	.
10	3	0.541	0.613	0.651	0.685	0.969	1.17	1.211
10	4	0.602	0.681	0.761	0.802	1.109	1.143	1.2
10	5	0.401	0.428	0.598	0.613	0.901	1.465	1.836
10	6	.	.	1.185	1.23	1.321	1.378	1.832
10	7	1.03	1.113	1.143	.	1.472	1.582	.
10	8	0.678	1.306	.	1.083	.	2.036	1.855
10	9	0.503	0.761	0.413	0.67	0.64	0.734	.
10	10	0.833	0.954	1.31	1.389	.	1.911	2.112
10	11	.	.	.	.	.	.	.
10	12	0.897	1.188	1.257	.	.	1.93	.
10	13	0.549	0.541	0.731	0.886	1.571	1.469	1.654
10	14	0.53	0.553	0.572	0.64	0.92	0.95	1.628
10	15	0.598	0.836	0.946	1.011	1.048	1.306	1.219
10	16	0.579	0.526	0.628	0.553	0.848	1.011	1.177
10	17	0.541	0.647	0.874	0.893	1.325	1.086	1.188
10	18	0.64	0.84	1.075	0.886	1.109	1.249	1.416
10	19	0.553	0.704	0.844	0.825	0.916	1.223	1.204
10	20	0.693	1.022	1.215	1.344	1.272	1.491	1.665

Daily Water Intake, L/Pig								
Exp	Pen	8	9	10	11	12	13	14
10	21	0.712	0.7	0.969	1.154	1.272	1.522	1.575
10	22	0.746	0.821	1.143	1.06	1.094	1.313	1.522
10	23	0.511	0.617	0.731	0.81	0.935	1.079	1.382
10	24	0.564	0.738	0.678	0.829	0.874	0.92	1.041
10	25	0.572	1.033	0.942	0.916	1.453	1.385	1.597
10	26	0.651	0.783	0.867	1.071	1.329	1.435	1.654
10	27	0.549	0.575	0.799	0.674	0.897	1.007	0.961
10	28	0.344	0.367	0.575	0.783	0.995	1.234	1.768
11	1	0.64	0.621	0.719	0.859	0.992	0.871	1.582
11	2	0.583	0.715	0.818	0.825	0.753	1.17	1.109
11	3	0.545	0.553	0.742	0.893	1.128	1.105	1.196
11	4	0.59	0.64	0.761	0.791	0.7	0.905	1.219
11	5	0.507	0.439	0.526	0.795	0.783	0.969	0.897
11	6	0.594	0.613	0.666	0.844	0.712	1.098	0.999
11	7	0.481	0.481	0.617	0.67	0.67	0.787	0.765
11	8	1.041	1.086	.	1.302	.	1.783	1.684
11	9	0.7	0.731	1.03	0.969	0.836	1.397	1.045
11	10	0.5	0.575	0.761	0.92	0.791	1.048	1.291
11	11	0.806	0.768	0.984	1.09	1.048	1.4	1.351
11	12	0.454	0.537	0.761	1.105	1.185	1.207	1.332
11	13	0.621	0.556	0.662	0.742	0.719	0.905	0.961
11	14	0.435	0.39	0.507	0.871	0.647	0.927	0.92
11	15	0.878	0.746	0.958	1.279	1.321	0.946	1.718
11	16	0.416	0.371	0.454	0.553	0.681	0.556	0.859
11	17	0.428	0.424	0.477	0.613	0.659	0.855	0.681
11	18	0.537	0.564	0.643	0.696	0.734	0.791	0.905
11	19	0.477	0.447	0.568	0.606	0.587	0.715	0.708
11	20	0.598	0.621	0.689	0.855	0.829	1.033	1.185
11	21	0.579	0.602	0.704	0.818	0.795	1.041	0.977
11	22	0.424	0.534	0.78	0.734	0.81	0.912	0.855
11	23	0.503	0.492	0.704	0.693	0.734	0.765	0.927
11	24	0.621	0.632	0.814	0.897	0.935	0.98	1.109
11	25	0.496	0.484	0.643	0.814	0.829	0.901	1.151
11	26	0.583	0.59	0.742	0.878	0.912	1.147	0.98
11	27	0.473	0.522	0.674	0.863	1.026	1.223	1.071
11	28	0.443	0.515	0.7	0.696	0.95	0.893	0.92

Table A3. Daily Water Intake for Pigs for Days 15-21

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
1	1	1.715	1.968	1.779	2.403	2.248	2.108	2.763
1	2	1.423	1.828	1.65	.	2.964	2.907	.
1	3	1.226	1.881	1.514	1.957	2.222	2.248	3.134
1	4	1.681	1.59	1.484	1.964	1.976	1.802	2.377
1	5	1.336	1.427	1.37	2.615	2.525	2.203	2.498
1	6	1.158	0.988	1.014	1.378	1.359	1.427	2.07
1	7	1.132	1.136	1.033	1.575	1.408	1.514	2.108
1	8	1.124	1.177	1.151	1.745	1.84	1.745	2.021
1	9	1.366	1.862	1.366	1.855	2.184	2.173	2.21
1	10	1.393	1.699	1.654	2.456	2.161	1.991	2.752
1	11	1.23	1.283	1.204	1.964	1.862	1.927	1.957
1	12	1.408	1.544	1.726	2.335	2.157	2.184	2.494
1	13	1.238	1.631	1.431	2.252	1.976	1.942	2.566
1	14	1.283	1.715	1.624	2.074	2.301	2.157	2.952
1	15	1.631	.	1.862	2.623	2.827	2.695	2.559
1	16	1.287	1.45	1.052	1.628	1.476	1.264	1.646
1	17	1.154	1.249	0.927	1.469	1.87	1.843	1.983
1	18	1.313	1.597	1.105	1.65	1.431	1.597	1.817
1	19	1.094	1.306	1.056	1.431	1.745	1.889	2.033
1	20	1.412	2.089	1.817	2.301	2.82	2.85	.
1	21	1.332	1.472	0.897	1.537	1.734	1.711	2.014
1	22	1.086	1.007	0.681	1.238	1.427	1.321	1.605
1	23	1.204	1.756	1.382	1.968	2.354	1.976	2.479
1	24	1.056	1.215	0.78	1.276	1.662	1.722	1.722
1	25	2.195	.	2.498	2.316	2.646	2.945	.
1	26	1.745	2.161	1.355	2.067	2.241	2.684	3.104
1	27	0.738	0.916	0.715	1.003	1.067	1.109	1.211
1	28	1.548	1.858	1.412	2.093	2.176	2.086	2.275
2	1	1.098	1.329	1.646	1.677	2.093	2.26	1.745
2	2	1.181	1.382	1.552	1.332	1.506	1.707	1.389
2	3	1.639	1.779	1.953	1.828	1.923	2.218	1.734
2	4	1.139	1.185	1.37	1.404	1.518	1.715	1.484
2	5	1.276	1.453	1.65	1.616	1.768	2.097	1.805
2	6	1.711	1.612	1.665	2.07	2.229	2.808	2.029
2	7	1.533	1.556	1.915	1.582	1.983	2.21	1.836
2	8	1.442	1.775	2.044	1.798	2.07	2.392	1.923
2	9	1.34	1.643	2.044	1.896	2.419	2.328	1.612
2	10	1.609	2.15	2.313	2.195	2.506	2.672	2.192

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
2	11	1.488	1.488	2.135	1.718	1.828	2.055	1.734
2	12	1.177	1.166	1.45	1.306	1.4	1.59	1.431
2	13	1.453	1.609	1.718	1.699	1.787	2.108	1.567
2	14	1.469	1.699	2.176	2.377	2.574	2.422	2.135
2	15	1.442	1.62	1.809	1.707	1.858	1.911	1.529
2	16	1.317	1.491	1.677	1.457	1.488	1.862	1.688
2	17	1.665	1.612	1.904	2.157	2.294	.	2.634
2	18	1.257	1.253	1.586	1.514	1.677	1.858	1.749
2	19	1.207	1.257	1.446	1.552	1.62	2.036	1.54
2	20	1.329	1.552	1.711	1.662	1.779	2.135	1.794
2	21	1.48	1.995	2.305	2.245	2.343	2.434	1.609
2	22	1.51	1.715	2.343	1.711	1.923	2.472	1.756
2	23	2.207	.	.	.	.	.	.
2	24	.	2.313	2.354	2.615	2.438	2.593	2.055
2	25	1.552	1.669	1.692	1.62	1.983	2.252	1.771
2	26	1.207	1.586	1.578	1.65	1.612	2.139	2.135
2	27	1.064	1.188	1.287	1.344	1.469	1.847	1.601
2	28	1.828	2.04	2.487	2.074	2.699	2.971	2.354
3	2	1.62	1.662	1.605	1.737	1.836	1.885	1.855
3	3	0.995	1.291	1.223	1.245	1.495	1.548	1.374
3	4	1.279	1.718	1.518	1.559	1.605	2.014	1.957
3	5	1.476	1.582	1.707	1.957	1.677	1.934	1.734
3	6	1.942	1.881	2.245	2.706	2.188	2.014	1.73
3	7	1.631	1.749	1.752	1.658	1.945	2.025	1.794
3	8	1.514	1.556	1.609	0.95	2.339	1.805	2.131
3	9	1.34	1.684	1.552	1.718	1.752	1.809	1.745
3	10	1.26	1.347	1.393	1.45	1.65	1.624	1.54
3	11	1.313	1.291	1.461	1.317	1.453	1.423	1.537
3	12	1.154	1.276	1.264	1.34	1.484	1.662	1.518
3	13	1.276	1.382	1.397	1.491	1.741	1.737	1.809
3	14	2.199	2.468	2.305	2.502	2.195	2.933	2.396
3	15	1.223	1.472	1.453	1.469	1.45	1.484	1.529
3	16	1.302	1.654	1.582	1.552	1.62	1.601	1.491
3	17	1.442	1.98	1.612	1.805	1.597	1.601	1.703
3	18	1.321	1.722	1.65	1.813	1.764	1.582	1.726
3	19	1.011	0.988	1.03	1.022	1.132	1.313	1.162
3	20	1.593	2.26	2.388	2.483	2.536	2.612	2.32
3	21	1.272	1.393	1.737	1.73	2.033	1.949	1.968

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
3	22	1.279	1.488	1.423	1.639	1.866	1.639	1.48
3	23	1.495	1.817	1.696	1.866	2.017	2.063	2.214
3	24	1.722	1.749	1.836	1.934	2.055	2.199	2.04
3	25	0.545	.	2.532	2.142	2.07	2.657	2.029
3	26	1.484	1.715	1.722	1.953	1.79	1.821	1.612
3	27	1.537	1.552	1.734	1.624	1.491	1.435	1.514
3	28	1.79	2.093	1.942	2.017	1.964	2.04	2.146
4	1	.	1.764	2.615	.	.	.	.
4	2	.	2.093	.	.	.	.	.
4	3	1.658	1.813	1.942	2.297	2.313	2.627	2.858
4	4	2.089	1.945	2.233	2.415	2.419	2.812	.
4	5	1.904	1.987	2.487	.	.	.	.
4	6	.	.	.	.	.	.	.
4	7	.	.	1.991	2.521	2.638	2.597	3.191
4	8	.	1.612	2.123	2.343	2.937	2.07	3.285
4	9	2.123	1.771	2.593	.	2.824	2.687	.
4	10	2.017	2.233	2.297	2.392	2.665	2.612	2.422
4	11	2.184	2.419	2.411	.	.	.	.
4	12	1.855	1.896	1.972	2.57	2.763	3.036	.
4	13	1.745	1.707	1.756	1.942	2.233	2.017	2.195
4	14	1.491	1.537	1.533	1.858	2.347	2.907	3.164
4	15	1.779	1.495	1.968	2.207	2.18	1.737	2.816
4	16	1.408	1.404	1.4	1.54	1.563	1.779	1.866
4	17	.	.	.	.	.	.	3.248
4	18	.	.	.	.	2.983	.	.
4	19	1.571	1.601	1.643	1.809	1.904	2.241	2.176
4	20	1.904	1.775	1.775	1.923	2.445	2.086	2.774
4	21	1.453	1.794	1.927	2.07	1.896	2.093	1.911
4	22	1.927	1.571	2.146	2.392	2.358	2.203	2.555
4	23	1.582	1.469	1.764	2.067	2.067	2.135	2.385
4	24	.	2.21	2.403	.	.	.	.
4	25	.	2.192	2.32	2.559	.	.	.
4	26	1.843	1.93	2.229	2.316	2.824	2.786	3.089
4	27	1.499	1.578	1.616	1.908	2.335	2.517	2.729
4	28	.	.	.	.	.	.	.
5	1	1.718	1.836	1.945	2.025	2.074	1.964	2.506
5	2	1.048	1.272	1.374	1.684	2.725	2.581	2.824
5	3	1.139	1.226	1.238	1.389	1.525	1.597	1.522
5	4	0.727	0.961	1.098	1.147	1.162	1.086	1.196

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
5	5	1.26	1.586	1.601	1.654	1.665	1.711	1.506
5	6	1.215	1.597	1.734	1.54	1.836	1.896	1.681
5	7	1.147	1.419	1.423	1.317	1.518	1.62	1.911
5	8	0.761	0.999	1.196	1.287	1.419	1.476	1.351
5	9	1.109	1.313	1.48	1.65	1.737	1.764	1.904
5	10	0.908	0.492	0.939	1.03	1.404	1.525	1.484
5	11	1.151	1.166	1.442	1.31	1.593	1.586	1.794
5	12	0.609	0.961	1.374	1.378	1.503	1.525	1.389
5	13	0.772	0.931	1.022	1.139	1.503	1.726	1.457
5	14	0.927	1.094	1.268	1.563	1.957	2.142	2.055
5	15	0.772	1.018	1.257	1.359	1.635	1.578	1.635
5	16	0.833	1.03	1.2	1.283	1.416	1.363	1.329
5	17	1.317	0.708	0.761	0.768	1.06	1.041	1.037
5	18	0.916	1.003	1.192	1.022	1.241	1.491	1.34
5	19	0.806	0.905	0.969	0.98	1.177	1.075	0.973
5	20	1.488	1.684	1.461	1.586	2.021	1.877	2.229
5	21	1.094	1.268	1.317	1.597	1.976	1.915	1.582
5	22	1.064	1.26	1.185	1.185	1.544	1.681	1.798
5	23	1.083	1.453	1.298	1.332	1.737	2.006	1.98
5	24	1.306	1.446	1.605	1.408	2.093	2.104	1.65
5	25	0.852	1.071	1.128	1.431	1.654	1.593	1.673
5	26	0.946	1.389	1.499	1.525	1.798	1.938	1.904
5	27	0.749	0.984	1.124	0.95	1.204	1.313	1.219
5	28	1.404	1.832	1.446	1.544	1.851	2.263	2.369
6	1	1.635	1.336	1.533	1.431	1.495	1.491	1.616
6	2	1.911	2.222	2.422	2.4	2.566	2.71	2.506
6	3	1.431	2.165	2.01	2.12	2.021	1.836	1.976
6	4	1.185	1.332	1.476	1.427	1.506	1.495	1.628
6	5	1.393	1.461	1.783	2.055	2.127	2.203	1.885
6	6	1.325	1.287	1.393	1.525	1.503	1.506	1.465
6	7	1.711	1.556	1.677	2.104	2.263	2.086	1.824
6	8	1.533	1.597	1.597	1.764	1.949	1.836	1.703
6	9	1.264	1.34	1.366	1.48	1.631	1.699	1.771
6	10	1.124	1.177	1.234	1.238	1.249	1.264	1.211
6	11	1.181	1.283	1.283	1.329	1.59	1.548	1.881
6	12	1.457	1.359	1.453	1.533	1.631	1.48	1.529
6	13	1.771	1.431	1.851	1.911	1.862	2.036	2.104
6	14	1.12	1.272	1.4	1.177	1.503	1.438	1.438
6	15	1.344	1.279	1.211	1.446	1.525	1.862	1.964

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
6	16	1.435	1.419	1.548	1.522	1.662	1.737	1.62
6	17	1.283	1.132	1.166	1.484	1.575	1.491	1.488
6	18	1.4	1.404	1.718	1.76	1.862	1.832	2.104
6	19	.	1.756	2.233	2.093	2.169	2.036	2.271
6	20	1.374	1.241	1.48	1.506	1.503	1.397	1.503
6	21	1.279	1.151	1.385	1.665	1.646	1.749	1.688
6	22	1.306	1.268	1.268	1.291	1.412	1.499	1.503
6	23	1.313	1.457	1.302	1.571	1.593	1.673	1.991
6	24	1.442	1.59	2.089	2.297	2.104	2.025	2.453
6	25	1.12	1.279	1.268	1.245	1.26	1.385	1.563
6	26	1.06	1.101	1.132	1.083	1.249	1.204	1.344
6	27	1.347	1.654	1.646	2.048	1.843	2.184	2.161
7	1	1.548	1.696	2.161	0.696	.	2.301	2.65
7	2	1.325	1.427	1.563	1.264	1.366	1.544	1.488
7	3	1.522	1.491	2.256	1.908	2.15	2.237	2.388
7	4	1.378	1.34	1.484	1.302	1.605	1.919	2.04
7	5	1.045	1.2	1.635	1.612	1.677	2.267	2.173
7	6	1.461	1.624	1.805	1.673	1.858	1.843	1.949
7	7	1.533	1.393	1.976	1.722	1.828	1.84	2.43
7	8	1.37	1.4	1.662	1.389	1.919	2.154	2.104
7	9	2.063	1.817	2.35	2.078	2.044	2.252	2.661
7	10	1.124	1.048	1.325	1.359	1.294	1.556	1.711
7	11	1.658	1.726	2.18	2.093	2.184	2.472	3.028
7	12	1.351	1.287	1.703	1.904	1.707	1.726	2.464
7	13	1.048	1.067	1.291	1.484	1.662	1.703	1.934
7	14	1.597	1.495	1.669	1.514	1.915	1.98	2.15
7	15	1.616	1.62	1.84	1.597	1.874	2.392	2.419
7	16	1.17	1.31	1.84	1.624	1.537	1.457	1.45
7	17	1.423	1.662	2.074	2.248	2.65	2.888	2.843
7	18	1.067	1.026	1.276	1.506	1.548	1.374	1.48
7	19	1.075	1.241	1.435	1.567	1.832	2.104	1.681
7	20	2.059	2.411	2.086	2.074	2.597	.	3.217
7	21	1.378	1.359	1.374	1.408	1.529	1.889	2.025
7	22	0.969	1.003	1.007	0.905	1.079	1.245	1.321
7	23	1.896	1.836	1.938	1.809	2.199	2.017	2.79
7	24	1.272	1.196	1.34	1.416	1.457	1.438	1.582
7	25	1.249	1.291	1.347	1.332	1.363	1.832	1.843
7	26	1.23	1.556	1.684	1.787	2.036	1.828	1.972

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
7	27	1.12	1.011	1.086	1.181	1.355	1.416	1.54
7	28	0.995	1.109	0.939	0.98	1.117	1.268	1.499
8	1	1.083	1.192	1.427	1.234	1.472	1.631	1.972
8	2	1.321	1.427	1.537	1.355	1.76	1.866	2.824
8	3	1.162	1.287	1.347	1.166	1.457	1.677	1.995
8	4	1.26	1.45	1.294	1.363	1.631	1.593	1.453
8	5	0.852	1.014	0.965	0.958	1.128	1.196	1.268
8	6	1.503	1.143	1.575	1.503	1.658	1.639	1.658
8	7	1.419	1.272	1.098	1.215	1.31	1.457	1.84
8	8	1.23	1.219	1.412	1.726	1.65	2.32	2.067
8	9	1.128	1.151	1.245	1.139	1.26	1.317	1.491
8	10	1.064	1.351	1.17	1.196	1.438	1.665	1.771
8	11	1.188	1.245	1.298	1.442	1.593	1.503	1.665
8	12	1.427	1.575	1.862	1.741	1.431	1.821	2.403
8	13	1.234	1.268	1.363	1.419	1.54	1.669	1.893
8	14	1.086	1.234	1.211	1.166	1.075	1.185	1.465
8	15	1.2	1.154	1.211	1.446	1.54	1.351	1.548
8	16	0.98	1.06	1.173	1.177	1.196	1.329	1.518
8	17	1.052	1.245	1.294	1.344	1.389	1.472	1.715
8	18	1.117	1.151	1.378	1.241	1.177	1.461	1.628
8	19	0.889	1.09	1.109	1.188	1.215	1.355	1.404
8	20	1.366	1.469	1.389	1.26	1.646	1.681	1.858
8	21	0.999	1.207	0.965	0.954	0.935	1.094	1.234
8	22	0.912	0.973	0.973	1.124	1.215	1.506	1.628
8	23	1.143	1.177	1.347	1.431	1.707	1.662	2.021
8	24	1.84	1.575	1.779	1.616	1.817	2.135	2.169
8	25	1.889	1.949	2.014	1.711	2.029	2.169	2.763
8	26	1.279	1.351	1.329	1.298	1.389	1.488	1.643
8	27	0.973	1.06	1.238	1.014	1.098	1.128	1.294
8	28	1.226	1.412	1.332	1.363	1.699	1.98	2.369
9	1	1.31	1.673	1.794	1.741	1.866	1.915	2.207
9	2	1.938	2.173	2.6	2.324	2.487	2.335	2.521
9	3	1.188	1.582	1.968	2.067	2.222	2.139	1.382
9	4	1.889	2.214	2.555	1.893	1.681	2.112	1.919
9	5	1.139	1.26	1.51	1.476	1.756	1.283	1.771
9	6	1.843	2.123	1.949	2.165	2.506	.	2.388
9	7	1.143	1.226	1.298	1.325	1.537	2.063	1.484
9	8	1.2	1.389	1.518	1.423	1.563	1.643	1.389
9	9	1.351	1.499	1.764	1.563	1.684	1.506	2.036

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
9	10	1.344	1.575	1.597	1.756	1.768	1.503	1.843
9	11	1.544	1.896	1.911	2.256	2.301	.	1.809
9	12	1.211	1.677	1.953	1.779	2.017	2.252	1.813
9	13	1.442	1.347	1.76	1.51	1.93	2.218	1.688
9	14	1.287	1.688	1.98	1.87	1.991	2.237	1.961
9	15	0.961	0.95	0.98	0.995	1.003	1.635	1.249
9	16	1.272	1.287	1.336	1.219	1.177	1.681	1.257
9	17	1.211	1.518	1.756	1.514	1.771	1.927	2.203
9	18	1.525	1.601	1.824	1.828	2.014	2.104	1.427
9	19	1.552	1.862	2.055	1.79	2.309	2.771	2.245
9	20	1.34	1.847	2.199	2.082	1.775	2.21	1.287
9	21	0.84	1.158	1.347	1.094	1.064	1.412	1.033
9	22	1.26	1.609	1.995	1.911	1.877	2.078	1.544
9	23	1.442	1.688	1.881	1.783	1.9	2.479	1.76
9	24	1.499	1.681	1.688	1.699	1.631	2.067	1.45
9	25	1.048	1.075	1.419	1.279	1.302	1.597	1.294
9	26	1.37	1.639	2.029	1.957	1.775	2.778	1.59
9	27	1.09	1.313	1.45	1.355	1.23	1.745	1.132
9	28	1.537	1.851	2.419	2.449	2.729	2.555	2.744
10	1	1.908	.	.	2.12	.	2.267	2.498
10	2	.	.	.	2.263	2.941	2.812	3.248
10	3	1.181	1.537	2.07	1.669	2.634	2.123	3.017
10	4	1.571	1.771	1.934	1.624	2.366	2.082	2.748
10	5	1.775	2.18	1.609	2.343	2.589	1.998	2.877
10	6	.	.	.	1.805	.	1.998	.
10	7	.	2.104	.	2.139	.	2.574	.
10	8	1.677	1.499	1.188	1.662	2.29	1.983	2.021
10	9	1.927	1.828	1.749	1.964	2.18	1.559	1.847
10	10	1.923	.	.	1.987	2.93	2.657	2.956
10	11	.	.	.	.	.	.	.
10	12	2.093	.	.	2.646	.	2.392	3.176
10	13	1.877	2.237	2.589	2.347	.	2.562	2.831
10	14	1.612	2.025	2.112	1.722	2.623	2.309	3.187
10	15	1.45	1.949	1.624	2.237	2.54	1.805	1.938
10	16	1.298	1.635	1.673	1.752	1.9	2.142	1.874
10	17	2.101	.	2.169	2.033	2.843	2.377	2.506
10	18	1.73	2.32	2.104	1.995	2.858	2.385	2.305
10	19	1.435	1.768	1.665	1.446	2.279	2.154	2.139
10	20	1.518	2.192	1.775	2.687	2.706	3.013	3.164

Daily Water Intake, L/Pig								
Exp	Pen	15	16	17	18	19	20	21
10	21	1.669	2.271	1.313	2.074	2.161	2.26	2.01
10	22	1.881	1.927	1.813	1.472	2.343	2.226	2.01
10	23	1.646	.	.	2.721	.	.	.
10	24	1.037	1.484	1.586	1.272	1.768	1.681	1.98
10	25	1.945	1.866	.	2.021	2.714	2.608	2.513
10	26	1.93	2.176	2.638	2.29	2.438	2.54	2.869
10	27	0.977	1.283	1.132	0.908	1.442	1.313	1.408
10	28	1.87	2.146	2.483	2.014	2.366	2.619	2.57
11	1	1.639	1.204	1.374	0.924	1.908	1.109	2.173
11	2	1.188	0.924	1.283	1.287	1.151	1.325	1.26
11	3	1.465	1.211	1.226	1.188	1.506	1.34	1.734
11	4	1.241	0.931	1.071	1.124	1.291	1.291	1.313
11	5	1.317	1.139	1.014	1.257	1.17	1.359	1.2
11	6	1.624	1.223	1.294	1.234	1.582	1.45	1.552
11	7	1.109	0.874	0.92	1.154	1.351	1.313	1.245
11	8	1.938	1.241	1.4	1.737	1.976	1.802	1.961
11	9	1.491	1.34	1.628	1.264	1.575	1.847	1.749
11	10	1.472	1.188	1.283	1.351	1.488	1.737	1.665
11	11	1.559	1.177	1.423	1.635	1.802	1.828	1.548
11	12	1.908	1.317	1.567	1.461	1.628	1.957	1.355
11	13	.	0.269	0.704	1.037	0.969	1.699	0.98
11	14	1.279	1.003	1.336	1.45	1.51	1.665	1.393
11	15	1.745	1.726	1.983	1.809	1.98	1.582	2.354
11	16	1.037	0.795	0.958	1.014	1.041	1.007	0.946
11	17	1.071	0.783	1.041	1.09	1.215	1.276	0.995
11	18	1.234	0.969	1.033	1.117	1.453	1.544	1.389
11	19	1.011	0.977	1.06	0.95	1.079	1.223	1.022
11	20	1.673	1.166	1.253	1.363	1.836	2.078	2.104
11	21	1.272	1.067	1.408	1.158	1.548	1.54	1.525
11	22	1.124	1.041	1.215	1.241	1.128	1.408	1.257
11	23	1.09	1.079	0.999	1.094	1.101	1.4	1.287
11	24	1.317	1.158	1.162	1.147	1.241	1.491	1.518
11	25	1.431	1.692	1.457	1.238	1.73	1.828	1.752
11	26	1.359	1.086	1.416	1.166	1.344	1.711	1.495
11	27	1.306	1.669	1.499	1.382	1.582	1.752	1.639
11	28	1.609	1.26	1.098	1.128	1.253	1.389	1.306

Table A4. Daily Water Intake for Pigs for Days 22-28

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
1	1	2.468	.	1.681	1.098	1.73	2.014	2.945
1	2	3.039	.	1.66	0.98	1.631	1.643	1.976
1	3	2.68	.	1.822	1.181	1.752	1.927	2.706
1	4	2.358	.	1.537	0.973	1.544	1.571	1.802
1	5	2.086	.	1.073	0.564	1.139	1.158	1.567
1	6	1.639	.	0.941	0.572	0.984	1.018	1.26
1	7	1.73	.	1.382	0.727	1.461	1.389	1.62
1	8	2.426	.	1.151	0.583	1.17	1.132	1.76
1	9	1.942	.	1.016	0.681	1.223	1.294	1.575
1	10	2.483	.	1.508	1.136	1.469	1.741	1.938
1	11	1.601	.	1.06	0.515	0.92	0.867	1.045
1	12	2.453	.	1.406	1.09	1.45	1.673	1.593
1	13	2.15	.	1.209	0.621	1.09	1.117	1.154
1	14	2.305	.	1.153	0.534	0.924	0.723	1.215
1	15	3.028	.	1.711	1.188	2.048	1.98	2.203
1	16	1.431	.	1.363	0.67	1.537	1.397	1.794
1	17	2.385	.	1.741	1.132	1.484	1.904	1.893
1	18	1.442	.	1.698	1.011	1.393	1.098	1.741
1	19	1.756	.	1.181	0.734	0.973	1.226	1.279
1	20	2.475	.	2.286	1.593	2.048	2.142	2.559
1	21	2.036	.	1.317	0.844	1.484	1.382	1.983
1	22	1.563	.	1.34	0.912	1.503	1.643	1.923
1	23	1.737	.	1.711	1.382	1.699	1.749	2.335
1	24	1.681	.	1.069	0.889	1.048	1.113	1.287
1	25	2.737	.	1.794	1.098	1.294	1.4	1.294
1	26	2.407	.	1.128	0.587	0.825	0.965	1.287
1	27	1.423	.	1.219	0.731	1.173	1.207	1.442
1	28	2.01	.	1.493	1.499	1.726	2.048	2.403
2	1	2.093	1.87	1.855	1.408	1.87	2.411	1.991
2	2	1.87	1.631	1.427	1.34	1.809	2.275	1.559
2	3	2.328	1.953	2.15	1.563	2.142	2.555	2.135
2	4	2.006	1.681	1.699	1.098	1.824	2.104	1.828
2	5	2.241	1.764	1.586	1.249	1.628	2.059	1.601
2	6	2.729	2.498	2.998	2.267	2.907	3.221	2.559
2	7	2.226	2.07	2.256	1.321	1.938	2.229	1.802
2	8	2.4	1.457	.	1.684	2.275	2.483	2.188
2	9	2.434	2.369	2.858	1.628	2.513	2.805	2.509
2	10	2.142	1.9	2.101	1.855	2.165	2.025	2.017

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
2	11	2.354	2.093	2.116	1.461	1.93	2.157	2.021
2	12	1.911	1.737	1.385	1.083	1.522	1.904	1.48
2	13	2.067	1.98	2.033	1.465	2.055	2.271	2.044
2	14	2.604	2.483	2.68	1.525	2.71	3.153	2.926
2	15	1.794	1.821	1.961	1.506	1.711	1.904	1.798
2	16	2.036	1.855	1.98	1.4	1.726	2.441	2.328
2	17	.	2.676	2.952	1.968	2.343	2.896	2.733
2	18	2.343	2.048	2.108	1.389	2.139	2.362	2.332
2	19	1.923	1.908	2.059	1.408	1.983	2.718	2.044
2	20	2.048	1.938	2.123	1.646	2.256	2.275	2.135
2	21	1.824	1.877	1.832	1.136	1.752	2.385	1.779
2	22	1.961	1.824	1.93	1.223	2.101	2.366	1.84
2	23	.	.	.	.	.	.	.
2	24	2.729	2.358	.	2.335	3.104	2.824	2.865
2	25	2.131	1.76	2.139	1.351	2.18	2.305	2.226
2	26	2.286	2.229	2.608	1.427	2.082	2.112	2.157
2	27	1.707	1.654	1.98	1.287	1.726	1.828	1.881
2	28	2.695	2.547	2.536	1.646	2.343	3.206	2.729
3	2	1.684	1.4	1.537	0.696	2.063	1.582	1.597
3	3	1.537	1.234	1.086	0.587	1.423	1.139	1.086
3	4	1.893	1.885	1.934	1.075	2.169	1.76	2.051
3	5	2.025	1.93	1.949	0.7	2.687	2.082	2.324
3	6	2.017	2.108	2.256	1.514	2.237	2.366	2.445
3	7	1.851	1.93	1.537	1.052	1.787	1.688	1.783
3	8	1.612	1.503	1.124	0.575	2.025	1.461	1.374
3	9	1.597	1.718	2.036	0.958	2.585	1.919	2.494
3	10	1.783	1.643	1.73	1.079	1.957	1.866	1.998
3	11	1.476	1.514	1.684	0.81	1.995	1.84	1.976
3	12	1.279	1.264	1.245	0.757	1.654	1.34	1.363
3	13	1.809	1.665	1.677	1.132	2.04	1.991	1.98
3	14	2.101	1.949	2.089	1.257	2.68	2.12	2.229
3	15	1.715	1.752	1.722	0.867	2.199	1.866	1.942
3	16	1.461	1.291	1.397	0.799	1.832	1.476	1.431
3	17	1.881	2.01	1.983	1.124	2.358	2.044	2.029
3	18	1.832	1.893	1.783	0.92	2.089	2.017	1.654
3	19	1.317	1.438	1.476	0.78	1.76	1.533	1.556
3	20	1.968	1.559	2.252	0.912	2.354	2.297	2.252
3	21	2.021	1.798	1.771	1.139	2.328	2.12	2.252

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
3	22	1.385	1.37	1.355	0.662	1.927	1.582	1.385
3	23	1.964	1.813	1.809	0.939	2.366	1.836	1.851
3	24	1.893	1.945	1.919	0.999	2.328	2.343	2.506
3	25	1.919	1.855	2.615	0.836	2.687	2.687	2.403
3	26	1.662	1.586	1.707	1.014	2.093	2.063	2.188
3	27	1.431	1.522	1.688	0.871	2.112	1.828	1.964
3	28	1.768	1.503	1.654	1.011	1.957	1.65	1.896
4	1	3.266	2.744	1.272	2.695	1.824	2.869	3.573
4	2	.	.	1.378	.	2.169	.	.
4	3	2.392	2.808	1.037	2.101	1.609	2.687	3.372
4	4	2.725	.	0.992	2.733	1.847	3.047	3.683
4	5	2.979	.	1.506	2.585	2.044	3.005	.
4	6	.	.	1.696	.	2.737	.	.
4	7	2.646	2.85	1.26	2.297	1.775	2.464	3.728
4	8	2.846	2.089	1.143	2.15	1.525	2.112	2.173
4	9	3.331	2.562	1.223	2.975	1.688	2.494	2.774
4	10	2.161	2.218	0.795	1.635	0.992	1.673	2.282
4	11	3.282	.	0.666	1.715	1.862	2.861	.
4	12	2.873	2.778	1.238	1.832	1.17	2.131	2.218
4	13	2.313	2.305	0.727	2.036	1.298	2.029	2.57
4	14	2.487	2.801	0.56	1.749	1.329	1.938	2.597
4	15	2.668	2.608	1.007	2.388	1.968	2.369	2.786
4	16	1.862	2.055	0.64	1.681	0.984	1.397	1.893
4	17	3.126	.	0.984	3.164	2.498	3.425	3.709
4	18	3.369	.	1.128	3.142	2.479	2.778	.
4	19	1.976	2.097	0.814	1.961	1.264	1.703	2.29
4	20	2.199	2.574	0.712	2.422	1.544	2.089	2.615
4	21	2.067	2.328	0.704	2.32	1.684	2.335	3.051
4	22	1.983	2.097	0.852	2.248	1.325	1.998	3.005
4	23	2.468	2.672	0.579	1.552	1.147	1.787	2.086
4	24	.	.	1.188	2.918	1.703	2.873	3.452
4	25	.	.	.	.	.	.	.
4	26	2.808	.	0.848	2.702	1.578	2.203	2.903
4	27	2.282	2.68	0.859	2.184	1.612	1.968	2.559
4	28	.	.	1.086	.	2.831	3.478	.
5	1	2.483	2.597	2.528	2.438	2.354	1.529	3.036
5	2	2.687	2.922	.	3.16	2.642	1.484	3.017
5	3	1.805	1.707	2.029	1.851	1.734	1.378	2.241
5	4	1.287	1.317	1.628	1.563	1.726	1.313	2.12

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
5	5	1.601	1.805	1.904	1.514	1.681	1.041	2.078
5	6	1.673	1.737	2.101	1.858	1.93	1.336	2.021
5	7	2.059	1.957	1.991	1.908	1.779	1.253	2.245
5	8	1.374	1.934	1.987	1.605	1.476	1.234	2.135
5	9	1.904	1.87	2.082	2.536	1.578	1.506	3.028
5	10	1.586	1.643	2.154	1.276	2.146	1.06	1.881
5	11	1.775	2.002	2.46	2.279	2.226	1.431	2.608
5	12	1.484	1.65	1.821	1.612	1.756	1.154	1.858
5	13	1.37	1.741	2.063	2.101	2.093	1.23	2.135
5	14	2.15	2.036	2.263	1.359	1.522	0.999	2.014
5	15	1.374	2.222	2.222	1.843	1.866	1.143	2.472
5	16	1.204	1.215	1.597	1.476	1.423	0.969	1.427
5	17	1.173	1.083	1.378	1.166	1.207	0.799	1.302
5	18	1.427	1.446	1.809	1.65	1.76	1.181	1.896
5	19	0.977	1.09	1.291	1.351	1.219	0.908	1.544
5	20	1.908	2.358	.	3.051	3.149	2.32	.
5	21	1.904	1.9	1.9	1.817	2.123	1.453	2.059
5	22	1.711	1.715	2.104	2.021	1.995	1.347	2.377
5	23	2.12	1.858	2.131	2.014	2.373	1.752	2.343
5	24	1.764	1.779	1.788	1.652	1.832	1.17	1.885
5	25	1.552	1.722	2.014	1.919	2.142	1.537	2.373
5	26	2.214	2.18	.	2.195	2.097	1.332	2.528
5	27	1.325	1.264	1.556	1.404	1.469	0.942	1.745
5	28	2.131	2.267	2.672	2.35	2.744	1.904	3.573
6	1	1.828	1.783	1.821	1.783	1.968	2.131	2.116
6	2	2.896	2.612	2.706	2.733	2.884	3.16	3.183
6	3	2.082	2.082	2.086	1.847	2.165	2.15	2.04
6	4	1.484	1.378	2.263	1.84	1.911	2.116	1.923
6	5	2.006	1.832	1.836	2.078	2.142	2.146	2.332
6	6	1.771	0.56	2.926	1.843	1.775	1.915	1.976
6	7	2.612	1.847	1.756	2.021	2.521	2.475	2.585
6	8	2.161	2.135	1.787	1.976	2.089	2.184	2.388
6	9	1.749	1.669	1.605	1.582	1.726	1.915	2.021
6	10	1.317	1.363	1.522	1.597	1.382	1.597	1.639
6	11	1.843	1.93	1.779	1.646	1.938	1.983	2.214
6	12	1.775	1.684	1.771	1.775	1.885	2.101	2.15
6	13	1.836	1.699	1.76	1.889	1.987	2.036	2.218
6	14	1.605	1.332	1.45	1.624	1.711	1.896	1.877
6	15	2.04	2.002	1.764	1.775	1.805	1.945	2.059

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
6	16	1.783	1.73	1.662	1.768	1.817	1.764	2.014
6	17	2.101	2.021	2.339	2.033	1.957	2.226	2.555
6	18	2.229	2.139	1.964	2.07	2.059	2.328	2.362
6	19	2.381	2.634	2.612	2.521	2.899	2.771	2.839
6	20	1.59	1.578	1.45	1.62	1.722	1.703	1.964
6	21	1.779	1.889	1.771	1.593	1.824	1.991	2.055
6	22	1.476	1.734	1.824	1.93	2.233	2.033	1.93
6	23	2.078	2.226	2.339	2.12	2.354	2.388	2.498
6	24	2.233	1.945	2.248	2.252	2.313	2.479	2.506
6	25	1.317	1.518	1.484	1.518	1.469	1.469	1.65
6	26	1.351	1.435	1.435	1.423	1.412	1.51	1.533
6	27	1.707	2.157	2.067	1.968	2.305	2.123	2.574
7	1	2.544	2.067	2.237	2.415	2.21	3.206	1.514
7	2	1.582	1.495	1.692	1.874	1.768	2.297	1.389
7	3	2.237	1.874	2.078	2.014	2.479	2.646	1.836
7	4	2.32	2.286	2.494	2.373	2.419	2.967	1.548
7	5	1.991	1.968	1.995	1.983	1.855	2.063	1.268
7	6	2.139	2.048	2.089	2.229	2.093	2.286	1.658
7	7	2.131	1.646	2.029	1.851	1.934	1.805	1.067
7	8	2.544	1.874	1.911	2.332	2.263	2.419	1.54
7	9	2.309	2.403	.	2.521	2.544	2.589	1.885
7	10	1.855	1.586	1.771	1.768	1.734	1.832	0.863
7	11	2.631	1.821	3.017	2.29	2.286	2.771	1.438
7	12	2.07	1.491	2.055	1.73	1.54	1.885	1.113
7	13	2.021	1.809	1.692	1.715	1.48	1.787	1.124
7	14	2.521	2.309	2.248	2.033	1.828	1.764	1.06
7	15	2.502	2.271	2.718	3.028	3.047	.	1.749
7	16	1.469	1.393	1.84	1.673	1.783	2.475	1.192
7	17	2.676	2.491	2.646	2.491	2.377	2.702	1.317
7	18	1.881	1.836	1.908	2.165	1.923	2.57	1.435
7	19	1.855	1.885	2.165	2.131	2.116	2.377	1.294
7	20	3.123	2.748	.	3.255	2.801	.	1.9
7	21	2.127	2.093	2.71	3.221	3.263	.	1.673
7	22	1.154	1.321	1.544	1.506	1.465	1.771	0.931
7	23	2.676	2.297	.	2.854	3.02	3.414	2.176
7	24	1.385	1.446	1.726	2.036	1.934	2.055	1.31
7	25	1.631	1.692	2.014	2.002	1.945	2.642	1.858
7	26	1.896	2.169	2.248	2.483	2.286	2.627	1.718

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
7	27	1.382	1.499	1.65	1.662	1.662	2.01	1.234
7	28	1.336	0.995	1.435	1.491	1.257	1.601	0.98
8	1	1.514	1.537	1.65	1.62	1.616	2.157	1.741
8	2	1.605	2.207	2.275	2.082	2.256	2.623	2.805
8	3	1.344	1.855	1.737	1.658	2.248	1.771	1.813
8	4	1.983	2.006	1.662	1.665	1.851	1.862	1.896
8	5	1.162	1.325	1.26	1.204	1.276	1.435	1.427
8	6	1.37	1.469	1.548	1.646	1.662	1.923	1.851
8	7	1.329	1.688	1.79	1.298	1.73	1.412	1.752
8	8	1.658	1.821	1.874	1.896	2.112	2.112	2.059
8	9	1.196	1.351	1.431	1.514	1.764	1.503	1.696
8	10	1.385	1.771	1.605	1.427	1.828	1.904	2.15
8	11	1.48	1.609	1.805	1.537	1.893	2.006	2.059
8	12	1.862	2.267	1.858	1.643	2.139	2.104	2.479
8	13	1.529	1.45	1.582	1.404	1.476	1.506	1.904
8	14	1.257	1.665	1.366	1.843	1.215	1.662	1.889
8	15	1.154	1.393	1.45	1.461	1.4	1.711	2.051
8	16	1.207	1.385	1.393	1.404	1.268	1.495	1.506
8	17	1.351	1.597	1.575	1.544	1.688	2.036	1.707
8	18	1.503	1.465	1.737	1.688	1.544	1.877	1.768
8	19	1.393	1.268	1.499	1.397	1.453	1.51	1.385
8	20	1.718	1.858	1.885	1.711	1.991	2.309	2.26
8	21	1.336	1.276	1.457	1.438	1.563	1.745	1.366
8	22	1.268	1.465	1.548	1.446	1.472	1.877	1.726
8	23	1.313	1.787	1.817	1.563	1.752	1.624	1.889
8	24	1.87	2.32	2.301	2.521	2.468	2.665	2.721
8	25	2.169	2.411	2.661	2.65	2.593	2.839	2.774
8	26	1.321	1.684	2.006	1.313	1.65	1.677	1.609
8	27	1.022	1.158	1.211	1.204	1.294	1.34	1.359
8	28	1.745	2.093	1.862	1.964	2.294	1.813	2.097
9	1	1.832	1.752	1.847	2.059	2.585	1.234	2.911
9	2	2.207	2.32	2.562	2.411	3.119	1.359	.
9	3	1.495	1.548	1.722	1.65	1.938	1.083	2.65
9	4	2.04	1.722	1.851	1.945	2.017	1.064	2.453
9	5	1.991	1.98	2.385	2.286	2.377	1.207	2.339
9	6	2.593	2.347	2.551	2.801	2.483	1.646	3.066
9	7	1.749	1.575	1.62	1.605	1.832	1.052	2.055
9	8	1.571	1.427	1.469	1.397	1.423	0.768	1.87
9	9	2.305	2.07	1.813	2.067	2.123	1.048	2.472

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
9	10	1.624	1.495	1.488	1.805	2.01	1.09	2.35
9	11	2.786	2.767	2.237	2.373	2.691	1.287	3.478
9	12	1.972	1.896	1.749	1.563	2.521	0.939	3.077
9	13	2.017	1.877	2.188	2.297	2.532	1.219	3.062
9	14	2.051	2.036	1.968	2.267	2.555	1.17	2.892
9	15	1.397	1.499	1.363	1.93	2.108	0.92	2.199
9	16	1.575	1.408	1.465	1.616	1.813	0.806	2.097
9	17	1.976	1.817	1.624	2.195	2.578	1.681	3.49
9	18	1.764	2.01	1.976	2.21	2.229	1.26	3.301
9	19	2.479	2.131	2.267	2.192	2.388	1.453	2.808
9	20	1.809	2.173	1.957	1.98	2.176	1.241	3.077
9	21	1.355	1.382	1.351	1.571	1.779	0.98	1.998
9	22	2.044	2.214	2.339	2.305	2.407	1.302	2.752
9	23	2.332	2.21	2.332	2.271	2.468	1.226	3.206
9	24	1.73	2.059	2.082	1.893	2.347	1.249	2.487
9	25	1.559	1.639	1.821	1.87	1.817	0.901	2.025
9	26	1.855	2.048	2.036	1.983	2.192	1.079	2.771
9	27	1.624	1.597	1.461	1.472	1.294	0.829	1.866
9	28	2.407	2.684	2.294	2.918	.	1.499	3.736
10	1	3.365	1.949	2.15	2.438	2.888	2.797	3.221
10	2	.	2.57	3.039	.	.	.	.
10	3	.	2.324	2.574	3.301	3.433	.	.
10	4	3.41	2.036	2.392	2.896	2.85	2.294	2.456
10	5	3.202	1.976	2.108	2.233	2.324	2.082	2.388
10	6	.	2.441	.	.	.	3.301	.
10	7	.	2.104	2.267	2.79	3.327	.	3.107
10	8	.	1.699	2.46	2.57	2.192	2.226	2.468
10	9	3.395	.	.	.	.	.	.
10	10	.	2.343	2.657	2.604	2.854	3.104	3.142
10	11	.	.	.	.	.	.	.
10	12	.	2.68	.	3.327	.	.	3.289
10	13	.	2.559	2.699	.	.	3.418	.
10	14	.	2.263	2.369	2.487	2.748	2.434	2.309
10	15	2.422	2.142	2.207	2.578	3.221	2.933	3.032
10	16	2.392	1.658	2.101	1.287	2.979	2.32	2.684
10	17	3.221	2.513	2.899	2.907	3.365	2.695	3.766
10	18	3.138	2.381	3.009	.	.	2.937	3.179
10	19	2.445	1.896	2.093	2.438	2.562	2.294	2.506
10	20	.	2.131	2.665	.	.	3.221	3.403

Daily Water Intake, L/Pig								
Exp	Pen	22	23	24	25	26	27	28
10	21	2.956	2.324	2.729	2.998	3.229	3.467	3.501
10	22	3.126	2.07	1.684	.	2.96	2.498	3.1
10	23	.	2.786	.	.	.	.	.
10	24	2.668	1.726	2.29	2.532	3.202	2.911	2.843
10	25	.	2.665	.	.	.	.	.
10	26	.	2.619	2.782	3.236	.	3.304	.
10	27	2.055	1.503	1.654	1.877	2.036	1.828	1.893
10	28	2.979	1.866	2.207	2.139	2.294	2.26	2.192
11	1	1.522	1.737	1.9	2.161	2.051	2.547	2.176
11	2	1.484	1.404	1.522	1.612	1.567	1.832	1.866
11	3	1.953	1.843	2.536	2.487	2.422	2.509	2.585
11	4	1.563	1.556	1.404	1.612	1.571	1.828	1.927
11	5	1.283	1.442	1.336	1.718	1.802	1.976	1.972
11	6	2.036	2.922	2.812	.	.	.	.
11	7	1.506	1.438	1.484	1.893	1.821	1.881	2.014
11	8	2.123	1.961	1.665	1.953	2.036	1.855	2.101
11	9	2.498	2.048	2.218	2.668	2.207	2.392	2.46
11	10	2.222	2.01	1.885	2.165	2.002	2.233	2.415
11	11	2.021	1.756	2.033	2.536	2.419	2.949	3.274
11	12	2.195	2.301	3.02	3.126	3.092	.	3.732
11	13	1.404	1.749	1.51	1.881	2.07	2.297	2.297
11	14	1.684	1.612	1.344	1.79	1.821	2.26	2.513
11	15	2.195	1.904	2.139	2.154	2.441	2.57	2.846
11	16	1.003	1.302	0.988	1.294	1.366	1.45	1.635
11	17	1.154	1.2	1.136	1.465	1.412	1.548	1.65
11	18	1.567	1.851	1.745	2.165	2.377	2.32	2.608
11	19	1.279	1.374	1.234	1.207	1.34	1.196	1.692
11	20	2.21	2.169	2.464	2.65	3.346	3.244	3.145
11	21	1.563	1.624	1.548	1.696	1.718	1.972	1.756
11	22	1.435	1.404	1.302	1.347	1.578	1.567	1.817
11	23	1.397	1.707	1.741	2.154	1.885	2.233	2.392
11	24	1.62	1.529	1.51	1.537	1.503	1.752	1.764
11	25	2.195	1.983	2.192	2.203	2.245	2.521	2.388
11	26	2.048	2.01	2.173	2.192	2.354	2.752	2.714
11	27	1.779	1.851	1.881	2.154	2.343	2.453	2.827
11	28	1.711	1.476	1.87	2.104	1.904	1.98	2.116

Table A5. Daily Water Intake for Pigs for Days 29-35

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
1	1	2.491	3.039	3.104	2.54	2.945	3.312	2.903
1	2	1.998	2.142	2.316	2.214	2.479	2.816	2.407
1	3	2.479	2.241	2.672	2.449	2.415	2.646	2.782
1	4	1.575	1.783	2.279	2.033	1.961	2.036	1.885
1	5	1.556	1.741	1.809	1.438	1.48	1.525	1.472
1	6	1.321	1.556	1.9	1.681	1.783	1.783	1.673
1	7	1.525	1.673	1.862	1.749	1.855	1.563	1.874
1	8	1.87	2.089	1.896	1.817	1.749	2.051	1.836
1	9	1.366	1.631	1.783	1.586	1.628	2.146	2.142
1	10	2.214	2.589	2.737	2.521	2.687	3.168	3.145
1	11	1.17	1.283	1.332	1.268	1.465	1.616	1.669
1	12	1.968	2.135	2.475	1.681	2.044	2.324	2.006
1	13	1.226	1.408	1.332	1.537	1.518	1.764	1.556
1	14	1.181	1.408	1.586	1.351	1.59	2.006	1.957
1	15	2.422	2.445	2.733	2.067	2.521	2.846	2.6
1	16	1.896	2.074	2.154	1.734	2.18	2.559	2.313
1	17	1.548	1.915	1.775	1.847	2.044	2.419	2.506
1	18	1.374	1.745	1.734	1.559	1.964	2.245	2.014
1	19	1.31	1.495	1.609	1.363	1.87	1.885	1.866
1	20	2.472	2.691	2.71	2.305	2.888	3.013	2.805
1	21	1.764	2.218	2.297	1.847	2.593	2.403	2.566
1	22	1.628	1.881	1.798	1.571	2.123	2.612	2.324
1	23	2.146	2.445	2.422	2.35	2.903	3.338	3.6
1	24	1.253	1.665	1.628	1.525	2.04	2.078	2.048
1	25	2.229	2.434	2.521	2.684	2.914	3.709	4.167
1	26	1.351	1.582	1.571	1.552	1.945	1.976	2.025
1	27	1.472	1.749	1.643	1.563	1.783	1.995	1.692
1	28	2.173	2.472	2.513	2.316	2.718	3.017	2.755
2	1	2.267	2.373	2.744	2.472	2.672	2.767	2.593
2	2	1.995	1.949	2.112	2.188	2.324	2.585	2.441
2	3	2.214	2.566	2.975	2.676	3.331	3.221	3.641
2	4	1.707	1.93	2.112	2.248	2.699	3.043	3.861
2	5	2.07	2.222	3.126	2.843	2.517	3.032	3.092
2	6	2.914	3.07	3.327	3.058	3.448	3.724	.
2	7	2.006	2.294	2.559	2.347	2.422	2.899	2.687
2	8	2.487	2.585	2.68	2.475	2.714	2.945	2.54
2	9	2.714	3.028	3.584	3.119	3.274	4.273	4.621
2	10	1.976	1.862	2.116	2.32	2.222	2.593	2.933

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
2	11	2.192	2.593	3.251	2.82	3.077	3.475	3.789
2	12	1.843	1.896	2.142	1.851	1.893	2.438	2.479
2	13	2.491	2.358	2.896	2.479	2.695	3.679	4.145
2	14	2.313	3.134	3.407	2.71	3.039	3.728	3.948
2	15	2.385	2.199	2.324	1.923	2.498	2.615	2.15
2	16	2.744	2.324	2.574	2.332	2.551	2.846	2.615
2	17	3.263	2.873	2.975	2.729	3.07	3.637	3.282
2	18	3.232	2.68	2.831	2.755	3.63	4.152	4.599
2	19	2.192	2.316	2.532	2.532	2.453	2.979	2.699
2	20	2.279	2.525	2.771	2.615	2.85	3.414	3.005
2	21	2.127	2.123	2.347	2.354	2.441	2.808	2.718
2	22	2.101	2.18	2.43	2.218	2.441	2.68	2.676
2	23	.	.	.	.	.	.	.
2	24	3.494	2.721	3.448	3.369	4.341	.	.
2	25	2.324	2.332	2.933	2.82	3.032	3.974	4.182
2	26	2.369	2.434	2.846	2.702	3.028	3.668	3.838
2	27	2.078	2.12	2.241	1.934	2.15	1.355	3.679
2	28	2.869	2.956	3.618	3.047	3.119	3.562	3.316
3	2	1.54	1.699	1.741	1.866	2.01	2.275	2.88
3	3	1.154	1.329	1.332	1.533	1.688	2.051	1.703
3	4	2.282	2.195	2.173	2.044	2.502	3.266	3.119
3	5	2.581	2.555	2.339	2.54	2.926	3.229	3.819
3	6	2.422	2.744	2.513	2.729	2.668	3.895	3.895
3	7	1.904	2.014	2.048	2.086	2.237	2.475	2.555
3	8	1.382	1.442	1.506	1.764	1.76	1.544	1.896
3	9	2.226	2.176	2.21	2.267	2.619	3.107	3.251
3	10	1.93	2.07	1.836	2.116	2.301	3.013	3.21
3	11	2.161	2.309	2.203	2.301	2.422	2.665	2.945
3	12	1.681	1.556	1.734	1.779	1.862	2.036	2.54
3	13	2.369	2.226	2.218	2.706	2.861	3.335	3.706
3	14	2.498	2.873	2.755	3.232	3.535	3.694	4.02
3	15	2.051	2.089	2.116	2.195	2.275	2.332	2.559
3	16	1.514	1.559	1.669	1.616	1.612	1.696	1.87
3	17	2.252	2.188	2.01	2.033	2.214	2.498	2.657
3	18	1.809	1.824	1.919	1.552	2.195	2.869	2.509
3	19	1.484	1.601	1.662	1.768	1.707	1.847	1.832
3	20	2.271	2.339	2.279	2.4	2.479	3.176	2.824
3	21	2.154	2.252	2.456	2.358	2.608	2.873	2.816

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
3	22	1.438	1.699	1.836	1.79	1.707	2.131	2.165
3	23	1.942	1.771	1.976	2.339	2.282	3.051	2.865
3	24	2.479	2.248	2.324	2.782	2.892	3.107	3.391
3	25	2.623	2.335	2.483	3.35	3.687	.	4.705
3	26	2.267	2.135	2.29	2.774	2.744	3.804	3.354
3	27	1.893	1.968	1.855	2.04	2.29	2.248	2.15
3	28	1.923	1.847	1.756	2.002	2.017	2.403	2.509
4	1	3.312	.	.	.	.	.	.
4	2	.	.	.	.	.	3.785	.
4	3	3.437	.	3.929	.	.	4.201	4.247
4	4	3.225	.	3.978	.	4.428	3.618	4.088
4	5	3.028	.	.	.	4.239	3.861	4.629
4	6	.	.	.	.	.	.	.
4	7	3.111	3.683	3.592	.	4.497	3.293	4.516
4	8	2.207	2.767	2.646	3.528	3.94	3.062	3.74
4	9	2.691	2.786	2.824	.	4.129	3.058	4.224
4	10	2.165	2.419	3.751	2.952	3.622	2.763	4.167
4	11	3.584	.	.	.	.	.	.
4	12	2.286	3.63	2.869	3.929	3.94	3.743	4.599
4	13	2.252	2.85	2.718	3.1	3.94	2.782	3.49
4	14	2.335	2.858	3.191	3.713	4.55	3.497	3.936
4	15	2.555	2.827	2.922	3.683	4.103	3.255	3.811
4	16	1.73	1.79	1.995	2.297	2.544	2.123	2.619
4	17	3.539	.	.	.	.	3.857	4.83
4	18	.	.	.	.	.	.	.
4	19	2.369	2.43	2.786	2.854	3.062	2.623	3.179
4	20	2.952	3.183	3.615	.	.	.	.
4	21	2.793	2.975	3.005	3.615	3.781	3.104	4.224
4	22	2.207	2.808	2.627	3.354	3.164	2.544	3.312
4	23	2.142	2.354	2.517	3.066	3.993	2.721	3.096
4	24	3.645	3.505	.	.	.	4.273	4.519
4	25	.	.	.	.	.	.	.
4	26	3.032	2.926	3.319	.	.	4.016	4.656
4	27	2.188	2.339	2.513	2.71	3.005	2.29	3.293
4	28	.	.	.	.	.	.	.
5	1	2.597	2.831	3.024	2.646	2.888	2.763	2.96
5	2	2.498	2.373	2.812	2.729	3.017	3.07	3.096
5	3	1.998	2.12	2.419	2.555	2.525	2.487	2.377
5	4	1.684	1.711	1.942	1.809	1.752	1.768	1.847

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
5	5	1.9	2.059	2.18	2.029	2.252	2.218	2.324
5	6	1.821	1.73	2.104	1.79	2.093	2.241	2.377
5	7	1.93	2.029	2.324	2.014	2.237	2.309	2.21
5	8	2.078	2.01	2.385	2.525	2.513	2.653	2.808
5	9	2.998	2.646	3.066	2.706	2.975	2.843	2.771
5	10	1.54	1.567	1.749	1.605	1.749	1.858	2.135
5	11	2.29	2.445	2.986	2.65	2.896	2.555	3.058
5	12	1.987	2.01	2.146	1.942	1.995	2.15	2.12
5	13	2.029	1.817	2.369	1.98	1.98	2.048	2.214
5	14	2.169	1.836	2.415	2.248	2.532	2.472	2.388
5	15	2.324	2.014	2.029	1.961	1.934	1.87	1.972
5	16	1.2	1.268	1.329	1.435	1.283	1.586	1.605
5	17	1.317	1.332	1.506	1.45	1.556	1.559	1.624
5	18	1.734	1.722	2.203	2.006	2.165	2.366	2.207
5	19	1.495	1.65	2.101	1.919	1.976	1.904	2.146
5	20	.	3.811	.	3.509	3.664	4.126	4.175
5	21	2.089	2.097	2.26	2.335	2.498	2.434	2.479
5	22	1.927	2.017	2.252	2.089	2.623	2.581	2.229
5	23	2.366	2.4	2.74	2.771	2.835	2.839	2.835
5	24	1.726	1.802	2.036	1.934	2.434	2.263	2.309
5	25	2.29	2.267	2.748	2.593	2.767	2.805	2.532
5	26	2.343	2.475	2.79	2.615	2.782	2.684	2.998
5	27	1.453	1.344	1.643	1.665	1.771	1.942	1.972
5	28	3.149	3.372	2.279	2.71	2.899	3.024	2.6
6	1	2.199	2.078	1.582	2.684	2.861	2.737	3.145
6	2	2.691	2.967	2.21	3.774	3.906	3.849	4.364
6	3	1.976	2.29	1.491	2.6	2.426	2.286	2.248
6	4	2.245	2.547	1.824	2.695	2.899	2.763	2.854
6	5	2.483	2.509	1.597	2.752	2.684	2.619	2.926
6	6	2.222	2.135	1.427	2.865	2.684	2.309	2.532
6	7	2.684	2.555	2.509	3.728	3.543	3.266	3.251
6	8	2.479	2.509	1.688	3.009	2.68	2.483	2.699
6	9	1.991	2.093	1.472	2.547	2.245	2.271	2.687
6	10	1.62	1.665	1.105	2.15	1.987	2.173	2.718
6	11	1.987	2.324	1.48	2.801	2.79	2.316	2.653
6	12	2.165	2.104	1.412	2.54	2.226	2.002	2.373
6	13	2.074	2.578	1.631	2.831	2.725	2.487	2.653
6	14	1.949	1.934	1.412	2.195	1.987	2.006	1.927
6	15	2.086	2.218	1.518	2.369	2.203	2.142	2.54

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
6	16	2.074	1.923	1.525	2.358	2.063	2.025	2.241
6	17	2.797	2.551	1.635	2.805	2.805	2.509	3.13
6	18	2.313	2.373	1.851	2.638	2.513	2.324	3.047
6	19	2.903	3.335	2.358	2.767	3.191	2.93	3.645
6	20	1.976	1.968	1.586	2.207	2.248	1.998	2.142
6	21	2.089	2.21	1.484	2.415	2.419	2.65	2.691
6	22	1.696	2.248	1.446	2.396	2.252	2.282	2.547
6	23	2.578	2.774	2.328	3.263	3.168	4.039	4.383
6	24	2.536	2.491	2.07	3.232	3.096	3.217	4.001
6	25	1.631	1.643	1.245	2.199	2.033	1.964	2.135
6	26	1.593	1.677	1.223	2.044	1.915	1.771	2.017
6	27	2.687	2.517	2.161	3.289	3.002	2.956	3.27
7	1	2.994	1.828	3.236	2.827	2.676	2.419	2.509
7	2	2.237	1.976	2.729	2.933	2.778	3.009	3.433
7	3	2.407	1.041	2.426	2.498	2.297	2.392	2.343
7	4	2.487	1.446	2.714	2.509	2.589	2.54	2.547
7	5	1.821	1.226	2.385	2.426	2.282	2.18	2.422
7	6	2.248	1.476	2.797	2.566	2.827	2.771	2.714
7	7	1.995	1.056	2.377	2.142	2.301	2.392	2.358
7	8	2.01	0.973	1.605	1.783	1.881	1.62	1.987
7	9	2.57	1.45	2.967	2.873	3.213	2.971	2.956
7	10	1.961	1.893	2.097	2.483	2.316	2.343	2.173
7	11	2.366	1.669	2.975	3.41	3.456	3.554	3.051
7	12	1.923	1.188	2.04	2.229	2.237	2.426	2.373
7	13	1.972	1.211	1.756	2.055	1.98	2.241	2.207
7	14	1.858	0.992	1.514	1.552	1.635	1.692	1.752
7	15	3.338	1.597	2.642	2.816	3.198	3.092	3.596
7	16	2.252	2.245	2.388	2.578	2.517	2.509	2.483
7	17	2.797	1.408	2.687	2.551	3.085	2.949	2.687
7	18	2.812	2.086	2.597	3.009	3.104	3.153	3.596
7	19	2.214	1.325	2.067	2.116	2.048	2.025	2.154
7	20	3.21	1.904	3.414	2.755	3.69	3.425	3.467
7	21	3.641	2.086	3.709	3.49	3.134	3.478	3.149
7	22	1.537	1.435	1.488	1.832	1.612	1.722	1.673
7	23	3.24	1.817	3.157	3.217	3.195	3.202	3.153
7	24	1.98	1.279	1.915	1.908	1.707	1.752	1.703
7	25	2.918	1.964	3.1	2.252	2.816	2.604	2.343
7	26	2.706	2.01	2.877	3.418	3.547	3.796	3.297

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
7	27	1.911	1.412	2.04	2.146	2.014	1.991	2.127
7	28	1.715	1.124	1.821	1.529	1.711	1.525	2.036
8	1	1.571	2.173	2.127	2.01	2.154	2.214	2.294
8	2	1.9	2.623	3.289	3.02	3.41	3.384	3.872
8	3	1.658	2.101	2.203	1.737	2.063	2.059	2.358
8	4	1.306	1.722	2.188	2.123	2.207	2.267	2.638
8	5	1.113	1.616	1.756	1.283	1.514	1.593	1.809
8	6	1.518	2.097	2.286	2.014	2.021	2.536	2.808
8	7	1.544	1.893	2.131	1.942	2.142	2.199	2.222
8	8	1.805	2.631	2.279	2.301	2.778	2.839	3.062
8	9	1.359	1.968	1.987	1.855	2.248	2.15	2.313
8	10	1.616	2.214	2.362	2.241	2.419	2.468	2.668
8	11	1.559	2.385	2.184	2.218	2.574	2.782	3.089
8	12	1.957	2.843	2.96	2.706	2.801	2.979	3.062
8	13	1.563	2.18	2.241	2.161	2.214	2.324	2.343
8	14	1.408	2.233	2.165	2.089	2.078	2.218	2.309
8	15	1.669	2.377	2.21	2.21	1.9	2.112	2.415
8	16	1.071	1.771	1.809	1.707	1.597	2.017	2.275
8	17	1.268	2.101	2.15	2.044	1.643	2.176	2.237
8	18	1.302	1.821	1.828	1.582	1.601	1.998	2.188
8	19	1.132	1.741	1.832	1.54	1.624	1.79	1.749
8	20	1.896	2.309	2.619	2.335	2.286	2.392	2.623
8	21	1.344	1.73	1.745	1.514	1.412	1.976	2.006
8	22	1.491	1.923	1.84	1.737	1.771	1.942	1.968
8	23	1.548	2.002	2.142	1.961	1.847	2.661	2.597
8	24	2.104	2.388	2.657	2.267	2.12	2.502	2.869
8	25	1.718	2.589	2.74	2.623	2.506	2.884	3.384
8	26	1.363	1.802	1.438	2.048	1.59	1.893	2.26
8	27	1.143	1.54	1.548	1.347	1.393	1.514	1.794
8	28	2.18	2.638	2.453	2.203	2.407	2.392	2.869
9	1	2.131	.	.	.	.	.	.
9	2	.	.	.	.	.	.	.
9	3	2.063	2.532	2.532	3.206	3.073	3.274	.
9	4	2.135	2.449	1.87	2.517	2.498	2.646	2.827
9	5	2.059	2.483	2.218	2.884	2.634	2.782	3.058
9	6	2.718	3.399	3.27	3.846	3.274	3.637	4.266
9	7	1.821	2.233	1.832	2.392	2.146	1.98	2.668
9	8	1.639	1.612	1.366	1.73	1.749	1.54	2.01
9	9	1.045	.	.	.	.	.	.

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
9	10	1.756	2.422	2.161	2.422	2.089	2.192	2.808
9	11	2.721	3.853	2.922	3.323	3.229	3.777	.
9	12	2.154	2.926	2.551	3.225	2.468	2.608	2.774
9	13	1.904	2.661	2.385	2.941	2.767	2.952	3.645
9	14	2.078	3.062	2.328	2.846	2.566	2.653	3.236
9	15	1.438	1.805	1.272	1.847	1.756	1.654	2.229
9	16	1.344	1.601	1.582	2.26	2.006	1.961	2.214
9	17	2.263	3.13	2.411	2.767	2.456	2.332	3.6
9	18	1.911	2.57	2.646	2.873	2.35	2.79	3.77
9	19	2.074	2.589	2.237	2.744	2.487	2.907	3.123
9	20	2.033	2.513	2.506	3.221	2.672	2.509	3.229
9	21	1.612	2.131	2.301	2.366	2.475	2.373	2.604
9	22	1.942	3.179	2.767	4.141	3.043	2.941	4.054
9	23	2.01	2.6	2.937	2.721	2.282	2.6	3.664
9	24	2.074	2.6	1.942	2.574	2.369	2.369	2.684
9	25	1.503	1.76	1.734	2.275	2.017	2.108	2.702
9	26	1.964	2.721	2.615	3.02	3.092	2.96	3.232
9	27	1.276	1.699	1.366	1.885	1.673	1.722	1.798
9	28	2.737	.	3.664	.	4.069	3.982	3.883
10	1	.	3.384	3.266	2.453	3.441	3.028	3.312
10	2	.	.	3.94	3.77	.	.	.
10	3	.	.	.	.	.	.	.
10	4	2.861	3.115	3.092	2.816	3.361	3.361	3.168
10	5	2.85	2.665	2.286	2.025	2.623	2.964	3.478
10	6	3.372	2.846	2.884	2.498	2.831	3.111	3.123
10	7	2.491	2.661	2.767	1.858	2.544	2.839	3.41
10	8	2.631	2.385	2.199	1.862	2.699	2.933	4.16
10	9	.	.	.	.	.	.	.
10	10	3.653	3.6	.	1.469	3.827	3.925	3.641
10	11	.	.	.	.	.	.	.
10	12	3.588	3.789	.	3.986	3.815	.	4.474
10	13	.	.	3.846	.	.	.	.
10	14	2.456	3.036	3.558	3.115	3.543	3.304	3.316
10	15	3.38	3.361	2.907	2.566	2.263	2.048	2.328
10	16	3.02	2.744	2.699	2.154	2.718	2.839	2.29
10	17	3.482	3.187	2.861	2.445	2.445	2.65	2.509
10	18	3.584	3.645	3.282	3.467	3.089	.	4.273
10	19	2.687	2.623	2.952	2.771	2.96	3.429	3.592
10	20	.	.	3.993	3.747	3.952	3.887	.

Daily Water Intake, L/Pig								
Exp	Pen	29	30	31	32	33	34	35
10	21	3.641	3.516	3.675	3.482	3.781	3.83	3.796
10	22	.	3.365	.	3.388	4.023	3.388	3.558
10	23	.	.	.	.	.	.	.
10	24	3.089	3.123	3.07	2.903	3.013	3.592	3.054
10	25	.	.	.	3.777	3.925	.	4.875
10	26	.	.	.	.	4.478	.	3.963
10	27	2.029	2.426	2.161	1.964	2.313	2.494	2.176
10	28	2.574	2.725	2.714	2.316	2.574	2.104	1.93
11	1	2.873	1.794	2.271	1.995	2.43	2.21	2.53
11	2	1.911	1.344	2.074	1.798	2.139	2.055	2.623
11	3	2.585	1.896	2.986	2.207	2.778	2.506	3.217
11	4	1.824	1.575	1.927	1.927	2.108	1.983	2.581
11	5	1.904	1.306	1.923	1.646	1.885	1.824	2.464
11	6	.	.	3.868	3.13	3.781	3.861	4.618
11	7	1.957	1.506	1.904	1.506	1.987	1.968	2.271
11	8	2.294	1.764	2.271	1.855	2.354	2.18	2.46
11	9	2.445	1.991	2.638	2.21	2.513	2.43	3.145
11	10	2.528	1.927	2.509	2.248	2.634	2.721	3.376
11	11	3.07	1.798	3.781	2.672	2.903	3.414	4.164
11	12	3.372	2.199	2.687	2.744	3.361	2.96	4.428
11	13	1.945	1.843	2.108	1.836	2.456	2.475	3.02
11	14	2.403	1.544	2.063	1.843	2.479	2.282	3.891
11	15	2.865	2.544	2.653	2.778	2.638	3.138	3.565
11	16	1.639	1.756	1.635	1.813	1.821	1.915	2.07
11	17	1.809	1.699	1.998	1.794	2.116	2.222	2.445
11	18	2.615	2.347	2.839	2.385	2.35	2.748	3.248
11	19	1.643	1.628	1.752	1.684	1.654	1.893	2.252
11	20	3.172	2.797	3.1	3.206	3.274	3.713	4.553
11	21	1.646	1.76	2.112	1.881	2.135	2.135	2.282
11	22	2.01	1.571	2.369	2.01	2.165	2.256	2.377
11	23	2.449	2.07	2.945	2.233	2.237	2.615	3.202
11	24	1.893	1.703	2.04	1.911	1.862	2.059	2.483
11	25	2.805	2.646	3.02	2.767	2.517	3.107	3.717
11	26	2.472	2.256	2.498	2.464	2.653	2.899	3.376
11	27	2.755	2.112	2.672	2.456	2.559	2.702	3.505
11	28	1.805	1.601	2.025	1.976	2.01	1.908	2.078

Table A6. Daily Water Intake for Pigs for Days 36-41

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
1	1	3.039	2.6	3.134	3.1	3.191	3.611
1	2	2.843	2.513	3.107	2.85	3.535	4.523
1	3	2.767	2.846	3.448	3.282	3.191	3.293
1	4	2.26	2.165	2.986	2.718	2.494	2.918
1	5	.	2.188	1.855	1.942	1.643	2.029
1	6	1.813	2.135	2.513	2.226	2.051	2.15
1	7	1.787	1.525	2.036	2.093	1.987	2.192
1	8	2.15	2.392	2.426	2.195	2.43	2.888
1	9	2.131	1.783	1.98	1.855	1.601	2.241
1	10	3.191	2.937	3.422	3.509	3.096	4.86
1	11	1.612	1.707	1.911	2.002	2.328	2.589
1	12	2.347	2.619	2.854	2.332	2.517	3.172
1	13	1.684	1.722	2.282	1.968	1.972	2.252
1	14	2.888	2.869	3.834	3.221	2.672	3.285
1	15	2.487	2.385	3.331	2.824	3.448	2.979
1	16	2.57	2.248	2.774	2.71	2.377	2.377
1	17	2.672	2.479	3.1	3.603	2.706	3.172
1	18	2.332	2.033	2.668	2.668	2.237	2.668
1	19	2.104	1.836	2.332	2.252	2.097	2.6
1	20	3.316	2.896	3.656	3.577	2.896	4.016
1	21	2.517	2.229	3.634	2.797	3.062	3.357
1	22	2.157	2.12	3.179	3.83	2.498	3.013
1	23	3.463	3.588	3.864	3.944	4.958	5.057
1	24	1.964	2.033	2.517	2.623	2.093	2.532
1	25	2.979	2.994	3.861	3.592	3.6	4.167
1	26	1.858	1.635	2.135	2.407	2.017	2.279
1	27	1.968	1.624	2.165	2.328	2.135	1.866
1	28	2.975	2.687	3.422	3.293	2.843	3.565
2	1	2.29	3.073	2.759	3.005	3.21	3.058
2	2	2.403	2.752	2.517	2.971	3.38	3.221
2	3	2.593	3.827	3.49	3.857	4.239	3.266
2	4	2.631	2.975	3.236	3.115	3.38	3.369
2	5	2.812	2.983	3.073	3.289	3.251	2.994
2	6	3.032	.	3.914	4.296	4.989	3.853
2	7	2.702	3.16	3.248	3.369	3.357	3.232
2	8	2.127	3.433	3.111	3.342	3.145	2.843
2	9	3.217	4.198	3.91	4.046	4.796	4.027
2	10	2.248	3.266	2.748	3.013	3.054	3.077

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
2	11	3.354	3.781	3.539	4.315	3.842	3.501
2	12	2.426	2.631	2.422	2.665	2.941	2.309
2	13	2.68	3.213	3.259	3.437	3.414	2.839
2	14	.	2.4	3.418	3.21	3.736	3.07
2	15	2.014	2.491	2.248	2.449	2.407	1.881
2	16	2.434	2.835	2.422	2.854	2.937	2.46
2	17	2.335	3.384	3.244	3.134	3.319	2.956
2	18	2.604	2.873	2.835	2.839	3.425	3.501
2	19	2.377	2.971	2.699	2.608	2.869	2.593
2	20	2.774	3.361	2.99	3.089	2.858	2.562
2	21	2.203	2.998	2.805	3.153	3.089	2.297
2	22	2.059	3.176	2.839	2.702	2.528	2.305
2	23	.	.	.	.	.	.
2	24	3.285	4.005	4.111	3.796	3.755	4.061
2	25	2.975	3.864	3.482	4.042	3.096	2.926
2	26	2.96	3.232	3.164	2.949	3.304	3.497
2	27	1.889	2.687	2.366	2.559	2.589	2.26
2	28	2.714	4.281	3.751	3.83	3.482	2.661
3	2	2.642	2.631	2.343	2.88	3.107	2.695
3	3	2.169	1.919	2.165	2.366	2.282	2.313
3	4	2.971	3.111	3.505	3.497	2.865	3.043
3	5	3.297	3.607	4.391	4.557	3.74	3.142
3	6	3.361	2.884	3.331	3.554	3.456	3.335
3	7	2.566	2.445	3.017	3.036	2.964	2.949
3	8	2.502	2.574	2.676	2.843	2.033	2.638
3	9	3.668	3.724	4.281	4.258	3.653	3.437
3	10	2.589	2.778	2.744	3.789	2.937	2.975
3	11	2.892	3.554	3.952	3.407	3.111	3.013
3	12	2.725	2.922	2.57	2.899	2.657	2.578
3	13	2.922	3.138	3.232	3.804	2.949	2.922
3	14	3.811	.	.	.	3.736	3.528
3	15	2.581	2.721	2.914	2.57	2.256	2.403
3	16	2.002	1.995	2.184	2.176	2.192	2.036
3	17	2.574	2.392	2.438	2.551	2.665	2.668
3	18	2.536	3.039	2.562	3.058	3.062	3.005
3	19	1.677	1.764	1.628	1.722	1.821	1.696
3	20	2.926	3.043	3.024	2.945	2.843	2.388
3	21	2.676	2.668	2.566	2.634	2.774	2.619

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
3	22	2.385	2.305	2.369	2.441	2.146	2.544
3	23	3.07	3.134	3.338	3.789	3.569	3.789
3	24	2.914	3.164	3.494	4.042	3.229	3.418
3	25	3.671	3.887	.	4.326	3.342	4.099
3	26	2.998	2.506	2.199	4.137	2.79	2.914
3	27	2.108	2.101	1.927	2.267	2.237	2.063
3	28	2.396	2.759	3.005	2.748	2.805	2.805
4	1	3.88	3.596	.	.	.	3.547
4	2	3.123	3.316	.	.	3.944	3.365
4	3	2.85	2.661	4.288	4.523	3.955	3.403
4	4	3.191	2.854	.	.	3.978	3.815
4	5	3.274	3.433	.	.	3.872	4.304
4	6	.	.	.	.	.	.
4	7	2.612	2.668	4.133	3.819	3.762	3.581
4	8	2.506	2.453	3.301	3.478	3.221	2.578
4	9	3.388	3.547	4.55	4.716	4.792	3.902
4	10	2.562	2.805	3.963	4.137	3.607	3.478
4	11	2.918	3.395	.	.	.	3.929
4	12	2.661	2.415	4.164	.	3.653	3.051
4	13	2.941	2.578	3.596	3.55	3.316	3.535
4	14	2.415	2.532	4.046	4.504	3.645	3.444
4	15	2.96	3.229	3.126	3.562	3.929	3.221
4	16	2.245	2.18	2.358	2.434	2.445	2.381
4	17	2.937	2.555	3.369	3.914	4.788	4.164
4	18	.	.	.	.	.	.
4	19	2.453	2.608	3.414	3.986	4.618	4.107
4	20	3.179	3.028	4.47	.	.	.
4	21	3.229	2.721	3.369	3.577	3.721	3.285
4	22	2.381	3.168	3.331	3.229	3.615	3.656
4	23	2.441	2.207	2.933	2.979	3.709	3.407
4	24	3.232	3.142	3.743	4.076	4.739	3.97
4	25	.	.	.	.	.	.
4	26	3.028	3.429	4.788	4.519	.	5.136
4	27	2.32	2.237	2.653	3.051	2.861	3.111
4	28	.	.	4.428	.	.	4.542
5	1	3.138	3.494	3.176	2.479	3.289	3.126
5	2	3.119	4.133	3.97	3.634	4.281	3.917
5	3	2.642	2.82	2.691	2.453	2.65	2.475
5	4	2.176	2.767	2.252	2.101	2.048	2.184

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
5	5	2.487	2.702	2.562	2.479	2.597	2.513
5	6	2.589	2.316	2.381	1.911	1.919	2.067
5	7	2.419	2.691	2.521	2.316	2.313	2.369
5	8	3.172	3.21	3.047	3.282	3.338	2.949
5	9	2.869	3.092	3.123	2.85	2.805	2.718
5	10	2.089	2.547	2.366	2.366	2.388	2.233
5	11	2.873	3.153	3.444	2.419	2.896	2.65
5	12	2.245	2.475	1.461	3.126	2.494	2.362
5	13	1.908	2.608	2.54	2.157	2.562	2.597
5	14	2.339	2.911	2.71	2.248	2.441	2.377
5	15	1.893	1.968	1.908	2.002	2.12	1.915
5	16	1.484	1.635	1.669	1.586	1.681	1.677
5	17	1.726	1.703	1.571	1.586	1.779	1.684
5	18	2.892	2.937	2.797	2.627	2.82	2.502
5	19	2.127	2.4	2.229	2.301	2.472	2.26
5	20	3.796	4.065	3.993	3.861	3.781	3.429
5	21	2.362	2.687	2.456	2.297	2.668	2.759
5	22	2.347	2.301	2.21	2.32	2.328	2.366
5	23	3.221	3.217	3.467	3.274	3.668	3.645
5	24	2.377	2.362	2.392	2.294	2.725	2.332
5	25	2.267	3.618	3.191	3.013	2.85	2.68
5	26	2.896	2.668	2.634	2.532	2.907	2.585
5	27	2.07	1.991	1.798	1.904	2.305	2.252
5	28	2.483	2.43	2.309	2.282	2.021	2.316
6	1	3.104	3.259	3.331	3.354	3.372	3.645
6	2	4.107	.	4.076	.	4.886	4.614
6	3	2.407	3.058	2.79	2.65	2.589	2.714
6	4	2.93	2.88	2.706	2.513	2.339	2.858
6	5	3.002	3.073	3.096	2.733	3.009	3.221
6	6	2.472	2.759	2.612	2.706	2.82	3.036
6	7	3.671	3.724	3.494	3.8	3.505	3.289
6	8	2.99	3.354	3.157	3.153	3.02	3.032
6	9	2.854	3.471	2.854	3.092	3.195	2.755
6	10	2.778	2.668	2.79	2.839	2.979	3.399
6	11	2.737	3.134	2.971	2.824	2.65	2.68
6	12	2.71	2.691	2.642	2.551	2.521	2.661
6	13	3.051	3.126	3.054	3.671	3.225	3.653
6	14	2.127	2.116	2.161	2.097	2.297	2.135
6	15	2.513	2.721	2.737	2.937	2.146	3.842

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
6	16	2.392	2.403	2.415	2.438	2.65	2.627
6	17	3.111	2.65	2.827	2.877	3.176	2.873
6	18	3.168	3.126	3.1	2.82	2.956	2.903
6	19	3.861	3.615	4.201	3.592	3.596	4.179
6	20	2.347	2.445	2.419	2.585	2.559	2.532
6	21	2.801	2.702	2.884	2.778	2.884	2.812
6	22	2.426	2.763	2.986	3.274	3.081	3.456
6	23	3.471	3.494	4.315	4.315	.	4.523
6	24	3.323	3.456	3.562	4.478	.	.
6	25	2.339	2.267	2.43	2.642	2.752	2.983
6	26	2.044	2.033	2.051	2.142	2.324	2.226
6	27	3.301	3.414	3.388	3.584	3.02	3.229
7	1	2.96	2.532	2.472	2.805	2.343	2.899
7	2	3.687	3.535	3.547	3.683	2.994	3.062
7	3	3.107	3.005	3.126	3.531	2.714	3.456
7	4	3.441	3.494	3.142	3.649	2.99	3.35
7	5	2.907	2.668	2.793	2.797	2.46	3.024
7	6	2.793	2.888	2.752	3.036	2.449	2.896
7	7	2.748	2.816	2.642	2.933	2.487	2.93
7	8	2.108	2.108	2.025	2.301	2.21	2.347
7	9	3.649	3.478	3.38	3.66	2.903	3.539
7	10	2.615	2.615	2.547	2.782	2.392	2.657
7	11	4.005	3.52	3.565	3.755	2.96	3.967
7	12	2.843	2.528	2.684	2.843	2.343	2.763
7	13	2.506	2.309	2.195	2.494	2.256	2.29
7	14	2.21	1.957	2.29	3.02	2.305	2.57
7	15	.	3.91	3.902	4.474	4.141	3.017
7	16	2.642	2.627	2.491	2.536	2.498	1.836
7	17	3.63	3.293	3.081	3.229	2.805	2.593
7	18	.	3.512	3.497	3.687	3.111	2.774
7	19	2.506	2.525	2.18	2.551	2.252	1.915
7	20	.	4.111	3.626	3.808	3.274	3.07
7	21	3.974	3.592	3.452	3.804	3.335	2.407
7	22	1.877	1.893	1.881	2.139	1.934	1.646
7	23	3.331	3.335	3.372	4.02	2.964	2.729
7	24	1.794	2.036	1.949	1.987	1.9	1.665
7	25	2.339	2.434	2.35	2.729	2.521	2.422
7	26	3.8	3.819	3.804	4.436	2.93	2.994

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
7	27	2.309	2.305	2.051	2.188	1.805	1.874
7	28	2.388	2.35	2.214	2.241	2.267	1.529
8	1	2.445	2.661	2.385	2.597	2.699	2.774
8	2	3.372	3.217	3.539	3.675	3.584	4.262
8	3	2.801	2.536	2.752	2.627	2.767	3.323
8	4	2.748	2.426	2.763	2.763	2.608	3.198
8	5	1.938	1.707	1.877	1.703	1.824	1.923
8	6	2.366	2.445	2.479	2.68	2.748	3.002
8	7	2.32	2.551	2.597	2.369	2.865	3.066
8	8	3.653	3.452	3.13	3.191	3.365	4.133
8	9	2.271	2.324	2.574	2.403	2.487	2.475
8	10	2.449	2.369	2.608	2.339	2.6	2.668
8	11	2.88	3.683	2.286	2.808	2.979	3.278
8	12	2.994	3.058	3.134	2.65	3.618	3.69
8	13	2.464	2.025	2.332	2.411	2.544	2.763
8	14	1.968	2.067	2.139	2.332	2.441	2.816
8	15	2.245	2.229	2.248	2.396	2.513	2.509
8	16	2.184	2.279	2.385	2.203	2.256	2.528
8	17	2.294	2.123	2.366	2.589	2.43	2.615
8	18	2.456	2.528	2.706	2.411	2.517	2.585
8	19	1.9	1.628	1.681	1.737	1.881	1.945
8	20	2.721	2.797	3.02	2.706	3.013	3.259
8	21	1.866	1.862	2.074	2.366	2.407	2.475
8	22	1.919	1.904	2.192	2.214	2.301	2.35
8	23	2.521	2.657	3.229	2.896	3.126	3.516
8	24	2.684	2.68	3.047	2.892	3.138	3.615
8	25	3.425	3.793	3.94	3.755	3.675	4.201
8	26	2.112	1.908	2.086	2.12	2.256	2.35
8	27	1.764	1.699	1.881	1.896	1.817	2.093
8	28	2.691	2.665	2.854	2.918	2.824	3.142
9	1	.	.	.	.	.	.
9	2	.	.	.	.	.	.
9	3	.	.	.	.	.	.
9	4	2.824	2.858	2.926	2.986	3.736	3.338
9	5	2.771	3.115	3.164	3.009	3.706	4.292
9	6	3.497	.	3.94	3.929	.	.
9	7	2.434	2.653	2.687	2.566	3.274	3.581
9	8	1.802	1.851	1.847	2.157	2.536	2.949
9	9	.	.	.	.	.	.

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
9	10	2.475	3.535	2.99	3.418	4.254	3.857
9	11	3.702	.	4.451	4.497	.	.
9	12	2.755	3.558	3.433	3.323	4.031	3.948
9	13	2.899	3.94	4.046	3.645	.	4.504
9	14	3.092	3.588	3.516	3.331	.	.
9	15	2.377	2.453	2.301	2.422	2.937	2.797
9	16	2.581	3.369	3.554	2.483	3.929	4.338
9	17	3.202	3.558	4.122	2.937	.	.
9	18	3.369	.	.	3.728	.	.
9	19	3.637	3.077	3.441	3.02	3.815	3.554
9	20	3.993	2.676	4.118	3.244	4.296	4.977
9	21	2.839	3.671	3.978	3.062	4.818	4.648
9	22	2.456	.	3.906	2.684	4.489	4.565
9	23	3.611	.	.	3.97	.	.
9	24	2.305	2.843	2.774	2.521	3.66	3.248
9	25	2.71	3.494	4.076	2.763	4.266	4.254
9	26	3.229	3.853	4.678	3.236	.	.
9	27	1.828	2.21	2.479	2.097	3.107	3.13
9	28	3.793	.	.	4.262	.	5.042
10	1	2.774	3.357	3.74	2.79	3.384	4.338
10	2	.	.	.	3.615	4.996	.
10	3	3.895	.	.	.	.	.
10	4	2.964	3.448	3.49	2.627	3.142	4.902
10	5	2.911	2.721	3.266	2.801	3.316	4.394
10	6	3.202	3.195	.	2.638	4.292	.
10	7	3.266	3.297	3.02	2.309	4.012	4.992
10	8	.	3.229	.	3.815	4.391	.
10	9	.	.	.	.	.	.
10	10	3.176	3.732	3.478	2.358	3.036	3.531
10	11	.	.	.	.	.	.
10	12	3.641	3.357	4.341	2.994	3.8	4.973
10	13	.	4.273	.	3.452	4.618	.
10	14	3.399	2.555	2.994	2.256	3.217	3.853
10	15	2.888	1.896	2.88	1.783	1.949	2.438
10	16	3.066	2.237	3.456	2.127	2.952	3.066
10	17	3.319	2.502	4.001	3.017	3.717	3.38
10	18	.	2.96	.	4.035	4.315	4.565
10	19	3.501	2.941	3.588	2.347	3.857	3.645
10	20	.	2.513	.	.	.	.

Daily Water Intake, L/Pig							
Exp	Pen	36	37	38	39	40	41
10	21	.	2.774	3.486	2.831	3.554	3.853
10	22	.	3.717	4.394	4.614	.	.
10	23	.	3.444	.	3.796	5.034	.
10	24	2.952	2.26	3.289	2.369	3.145	4.023
10	25	.	3.327	.	3.649	.	.
10	26	.	2.926	4.031	3.202	3.69	4.739
10	27	2.653	1.79	2.532	1.957	2.256	2.99
10	28	2.146	1.363	2.623	1.904	1.98	2.301
11	1	2.955	2.044	2.835	2.68	2.441	2.547
11	2	2.544	1.817	2.203	2.937	2.615	2.831
11	3	3.236	2.536	3.936	3.365	3.354	4.194
11	4	2.434	1.832	1.858	3.656	2.657	2.339
11	5	2.226	1.851	2.494	2.858	1.972	2.241
11	6	.	3.02	3.142	3.1	3.395	3.38
11	7	2.301	2.01	2.782	2.26	2.347	2.279
11	8	2.744	3.478	1.427	2.498	2.949	2.161
11	9	2.99	2.93	2.729	2.884	2.695	2.718
11	10	3.123	2.983	3.092	2.839	2.884	2.82
11	11	3.637	3.036	3.683	3.732	2.907	3.437
11	12	4.023	3.524	3.391	2.93	3.073	3.815
11	13	2.676	1.889	3.259	2.54	2.597	3.005
11	14	3.07	1.794	2.986	2.551	3.452	3.153
11	15	4.141	3.02	4.315	3.823	3.338	3.134
11	16	1.976	1.495	2.286	1.934	1.98	2.093
11	17	2.275	2.033	2.044	2.373	2.415	2.347
11	18	3.74	2.941	2.763	2.574	3.157	3.282
11	19	2.192	2.089	2.036	2.865	1.673	2.646
11	20	4.092	3.755	3.793	3.395	4.02	4.08
11	21	2.256	2.176	2.089	2.324	2.241	2.301
11	22	2.241	1.976	2.521	2.226	2.279	2.271
11	23	3.066	2.892	2.956	2.827	2.801	2.684
11	24	2.229	1.987	2.509	2.161	2.373	2.843
11	25	3.687	3.297	3.297	3.138	3.297	3.308
11	26	3.244	3.35	3.149	3.149	3.774	3.475
11	27	3.111	2.57	2.608	2.574	2.793	2.562
11	28	2.176	2.002	2.354	2.301	2.551	2.453

Table A7. Average Daily Water Intake and Body Weight for Pigs for Days 7,14, and 21

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
1	1	0.818	6.712	.	8.526	2.763	11.519
1	2	0.844	6.667	.	8.798	.	11.746
1	3	0.969	6.213	1.563	8.163	3.134	10.794
1	4	0.659	6.122	.	7.846	2.377	10.476
1	5	0.727	7.166	1.563	9.252	2.498	11.746
1	6	0.386	6.667	1.359	8.209	2.070	10.612
1	7	0.696	5.714	1.132	7.438	2.108	10.612
1	8	0.795	6.667	1.154	8.516	2.021	11.993
1	9	0.901	6.939	1.616	9.433	2.210	13.107
1	10	0.515	6.168	1.480	8.163	2.752	11.701
1	11	0.575	5.714	1.188	7.483	1.957	10.068
1	12	0.655	6.848	1.306	9.116	2.494	12.472
1	13	0.753	6.984	1.522	9.297	2.566	12.200
1	14	0.799	6.213	1.805	8.163	2.952	11.066
1	15	.	5.896	1.949	8.163	2.559	11.927
1	16	0.579	6.122	1.306	7.619	1.646	10.068
1	17	0.738	6.213	1.257	7.755	1.983	10.658
1	18	0.829	5.941	1.612	7.937	1.817	10.612
1	19	0.761	5.941	1.382	8.118	2.033	11.066
1	20	0.556	6.032	1.639	7.937	.	11.066
1	21	0.954	6.304	1.491	8.254	2.014	11.383
1	22	0.613	5.805	1.294	7.483	1.605	10.068
1	23	.	6.712	1.639	8.798	2.479	11.791
1	24	0.431	6.168	1.219	7.891	1.722	11.590
1	25	0.806	6.349	.	8.390	.	11.474
1	26	0.553	6.168	1.628	7.937	3.104	10.839
1	27	0.541	6.259	0.984	8.118	1.211	10.930
1	28	0.602	6.168	1.397	8.299	2.275	11.837
2	1	0.791	6.893	1.506	9.342	1.745	12.608
2	2	0.950	7.029	1.207	9.070	1.389	12.200
2	3	0.961	6.440	1.559	8.980	1.734	11.973
2	4	0.685	6.485	1.048	8.481	1.484	11.247
2	5	0.969	6.712	1.287	8.617	1.805	11.565
2	6	0.995	6.576	1.132	8.844	2.029	12.109
2	7	.	6.712	1.457	8.798	1.836	12.109
2	8	0.988	6.939	1.347	9.342	1.923	12.698
2	9	1.060	6.712	1.461	8.889	1.612	12.018

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
2	10	0.836	6.667	1.609	9.161	2.192	12.290
2	11	0.905	6.531	1.571	8.390	1.734	10.975
2	12	0.738	6.667	1.030	8.617	1.431	11.565
2	13	0.871	6.757	1.412	8.798	1.567	11.474
2	14	0.859	6.757	1.404	9.116	2.135	12.154
2	15	1.018	7.120	1.616	9.932	1.529	13.555
2	16	0.920	7.120	1.366	9.388	1.688	12.336
2	17	0.995	6.848	1.340	8.844	2.634	11.701
2	18	0.693	6.621	1.366	8.299	1.749	11.429
2	19	0.753	6.803	1.151	8.798	1.540	11.519
2	20	0.927	6.848	1.382	8.980	1.794	11.882
2	21	0.810	6.304	1.745	8.073	1.609	11.136
2	22	0.727	6.803	1.575	9.206	1.756	12.381
2	23	.	7.256	2.036	9.751	.	12.517
2	24	0.954	7.075	2.093	9.751	2.055	12.608
2	25	1.011	6.803	1.692	9.161	1.771	11.655
2	26	0.708	6.757	1.366	8.707	2.135	10.930
2	27	0.606	6.395	1.018	8.299	1.601	10.839
2	28	1.041	6.531	1.923	8.889	2.354	11.927
3	2	0.825	5.805	1.423	7.075	1.855	8.980
3	3	0.783	5.215	1.052	6.032	1.374	7.982
3	4	0.742	5.125	1.147	6.349	1.957	8.560
3	5	0.765	5.533	1.416	7.313	1.734	9.524
3	6	0.871	5.624	1.605	6.954	1.730	8.617
3	7	0.666	4.989	1.559	5.714	1.794	7.861
3	8	0.912	5.442	1.484	6.848	2.131	9.252
3	9	0.901	5.669	1.283	6.576	1.745	8.617
3	10	0.734	5.034	1.287	5.850	1.540	7.664
3	11	0.685	5.261	1.234	6.077	1.537	8.617
3	12	0.674	5.306	1.260	6.450	1.518	8.466
3	13	0.965	5.533	1.264	6.531	1.809	10.091
3	14	.	4.807	1.783	5.612	2.396	7.580
3	15	0.765	5.261	1.173	6.551	1.529	8.970
3	16	0.795	5.397	1.325	6.576	1.491	8.365
3	17	0.776	5.079	1.658	5.896	1.703	8.516
3	18	0.685	5.170	1.101	6.248	1.726	9.184
3	19	0.553	5.533	0.977	6.712	1.162	8.662
3	20	0.753	5.140	1.389	6.400	2.320	8.566
3	21	0.613	5.079	1.294	6.702	1.968	9.020

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
3	22	0.954	4.989	1.215	5.533	1.480	7.710
3	23	0.772	5.261	1.514	6.213	2.214	8.163
3	24	0.810	5.170	1.575	6.702	2.040	9.127
3	25	.	4.853	.	5.669	2.029	7.528
3	26	0.712	5.170	1.329	6.259	1.612	9.070
3	27	0.693	4.853	1.245	5.669	1.514	7.166
3	28	.	4.989	1.552	5.488	2.146	7.357
4	1	0.670	6.304	0.091	9.025	.	12.880
4	2	0.632	6.304	1.113	9.070	.	12.834
4	3	0.541	5.351	1.090	7.891	2.858	11.338
4	4	0.613	5.850	1.435	8.481	.	11.791
4	5	0.481	5.986	1.279	8.299	.	11.429
4	6	0.431	5.669	.	7.891	.	11.338
4	7	0.602	6.032	1.056	8.571	3.191	12.426
4	8	0.685	6.168	1.086	9.161	3.285	13.152
4	9	0.469	6.304	0.942	8.889	.	12.971
4	10	0.602	6.032	1.378	8.526	2.422	11.791
4	11	0.643	5.805	1.597	8.345	.	11.892
4	12	0.492	5.488	1.461	8.254	.	11.383
4	13	0.617	6.032	1.363	8.516	2.195	11.640
4	14	0.534	6.122	1.022	8.571	3.164	12.144
4	15	0.659	5.986	1.245	9.161	2.816	12.744
4	16	0.496	5.760	0.992	8.415	1.866	11.892
4	17	0.670	5.850	1.529	8.345	3.248	12.396
4	18	0.606	5.760	2.059	8.571	.	11.882
4	19	0.477	5.533	0.810	7.937	2.176	11.655
4	20	0.428	5.079	1.086	7.483	2.774	10.632
4	21	0.454	4.762	1.215	7.438	1.911	10.567
4	22	0.522	5.941	1.397	8.980	2.555	12.426
4	23	0.659	5.533	1.022	8.027	2.385	11.111
4	24	0.666	5.805	1.098	8.299	.	11.741
4	25	0.772	5.714	1.571	8.118	.	11.610
4	26	0.484	5.669	1.298	8.027	3.089	11.383
4	27	0.537	5.669	1.098	8.027	2.729	11.701
4	28	0.606	5.351	1.794	7.392	.	10.385
5	1	0.431	5.424	1.529	7.211	2.506	10.204
5	2	0.273	5.460	0.999	7.166	2.824	10.639
5	3	0.079	5.025	0.905	6.848	1.522	9.850
5	4	0.428	4.998	0.738	6.450	1.196	9.352

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
5	5	0.341	5.291	1.003	7.055	1.506	9.756
5	6	0.413	5.059	1.245	6.702	1.681	8.899
5	7	0.390	4.676	1.109	6.047	1.911	8.496
5	8	0.189	5.460	0.855	6.939	1.351	9.823
5	9	0.594	5.950	1.018	7.619	1.904	11.439
5	10	0.227	4.780	0.466	6.077	1.484	9.025
5	11	0.326	5.070	1.200	6.349	1.794	9.088
5	12	0.333	4.636	0.655	5.543	1.389	8.204
5	13	0.246	4.747	0.878	6.349	1.457	8.738
5	14	0.416	4.969	0.942	6.349	2.055	9.211
5	15	0.526	4.666	0.787	6.576	1.635	8.866
5	16	0.337	4.706	0.810	6.633	1.329	9.206
5	17	0.307	4.817	0.170	6.868	1.037	9.874
5	18	0.435	5.351	0.818	6.904	1.340	9.262
5	19	0.473	4.989	0.742	6.601	0.973	8.571
5	20	0.458	4.727	1.624	6.702	2.229	9.161
5	21	0.636	5.110	1.052	7.055	1.582	10.098
5	22	0.481	5.180	0.988	6.652	1.798	9.564
5	23	0.371	5.462	0.886	6.904	1.980	9.937
5	24	0.473	5.271	1.253	6.904	1.650	9.635
5	25	0.356	4.969	0.840	6.198	1.673	8.627
5	26	0.428	5.412	0.942	6.954	1.904	10.340
5	27	0.337	5.150	0.746	6.853	1.219	10.068
5	28	0.458	5.362	0.927	6.702	2.369	9.131
6	2	0.583	6.576	1.385	8.481	2.506	11.338
6	3	0.787	6.395	1.658	8.163	1.976	11.383
6	4	0.659	5.896	1.337	7.664	1.628	10.431
6	5	0.503	6.259	1.200	7.846	1.885	10.582
6	6	0.503	6.349	1.109	8.481	1.465	11.746
6	7	0.999	5.805	1.571	7.438	1.824	10.159
6	8	0.431	6.032	1.514	8.214	1.703	11.136
6	9	0.545	6.621	1.276	8.662	1.771	12.018
6	10	0.575	6.259	0.999	8.209	1.211	11.565
6	11	0.564	5.714	1.294	7.120	1.881	9.841
6	12	0.484	6.122	1.219	7.937	1.529	10.748
6	13	0.640	5.850	1.397	7.574	2.104	10.385
6	14	0.662	6.213	1.344	8.163	1.438	11.338
6	15	0.500	5.805	1.185	7.619	1.964	11.439
6	16	0.594	5.941	1.241	7.891	1.620	10.567

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
6	17	0.394	5.578	1.128	7.392	1.488	10.522
6	18	0.829	5.442	1.226	6.893	2.104	9.433
6	19	0.568	5.986	.	8.027	2.271	10.975
6	20	0.553	5.397	1.351	7.211	1.503	9.574
6	21	0.515	5.941	1.389	7.846	1.688	10.703
6	22	0.503	5.533	1.151	7.438	1.503	10.295
6	23	0.572	5.805	1.241	7.528	1.991	10.834
6	24	0.613	5.986	1.408	7.574	2.453	9.887
6	25	0.431	6.349	0.931	8.254	1.563	11.791
6	26	0.503	5.442	1.007	6.667	1.344	9.433
6	27	0.541	5.669	1.283	7.392	2.161	9.887
7	1	0.852	5.397	1.699	6.984	2.650	8.662
7	2	0.734	5.624	1.132	7.075	1.488	9.569
7	3	0.507	5.125	1.079	6.576	2.388	8.209
7	4	0.636	5.079	1.347	6.667	2.040	8.667
7	5	0.689	5.190	1.109	7.206	2.173	8.818
7	6	0.541	5.125	1.438	7.483	1.949	9.751
7	7	0.583	5.442	0.874	6.712	2.430	8.617
7	8	0.511	5.624	1.147	7.256	2.104	9.070
7	9	0.776	5.714	1.643	8.073	2.661	10.612
7	10	0.511	5.170	1.052	6.848	1.711	8.435
7	11	0.560	5.442	1.279	6.757	3.028	9.070
7	12	0.689	5.079	1.064	7.055	2.464	9.373
7	13	0.545	4.989	0.905	5.941	1.934	7.609
7	14	0.473	5.261	1.090	6.395	2.150	8.163
7	15	0.852	5.397	1.624	6.576	2.419	8.073
7	16	0.492	5.170	1.067	6.213	1.450	7.800
7	17	0.469	5.215	1.321	6.349	2.843	7.982
7	18	0.466	4.898	0.859	6.032	1.480	7.528
7	19	0.666	5.125	0.969	6.667	1.681	8.571
7	20	0.844	5.578	1.400	6.803	3.217	8.571
7	21	0.526	5.624	1.200	7.574	2.025	9.161
7	22	0.454	5.261	0.954	5.896	1.321	8.050
7	23	0.980	5.805	1.609	7.120	2.790	9.161
7	24	0.625	4.898	1.563	5.760	1.582	7.302
7	25	0.568	5.306	1.026	6.077	1.843	7.347
7	26	0.541	5.533	0.988	6.621	1.972	8.118
7	27	0.534	5.805	0.833	7.166	1.540	8.571
7	28	0.394	5.079	1.177	5.760	1.499	6.702

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
9	1	0.704	6.168	1.011	7.891	2.207	10.431
9	2	0.780	6.213	1.707	7.937	2.521	10.658
9	3	0.795	6.122	1.276	7.619	1.382	10.068
9	4	0.700	6.122	1.681	7.619	1.919	10.023
9	5	0.757	6.077	1.056	7.438	1.771	10.280
9	6	0.768	5.986	1.756	7.392	2.388	9.887
9	7	0.662	5.941	1.056	7.075	1.484	9.342
9	8	0.666	6.304	1.041	7.438	1.389	10.068
9	9	0.818	6.168	1.313	7.982	2.036	10.340
9	10	0.681	6.032	1.344	7.800	1.843	10.476
9	11	0.874	5.986	1.215	7.302	1.809	9.524
9	12	0.791	6.395	1.173	7.574	1.813	9.887
9	13	0.734	5.896	1.431	7.256	1.688	9.751
9	14	0.810	5.805	1.408	7.710	1.961	10.068
9	15	0.636	5.714	0.977	7.166	1.249	9.478
9	16	0.625	5.624	1.207	7.166	1.257	9.388
9	17	0.749	5.986	1.158	7.800	2.203	10.113
9	18	0.685	5.805	1.556	7.483	1.427	9.751
9	19	0.833	5.986	1.431	7.438	2.245	9.796
9	20	0.708	5.442	1.151	6.712	1.287	8.753
9	21	0.723	5.850	0.836	7.302	1.033	9.887
9	22	0.742	5.896	1.022	7.302	1.544	9.660
9	23	0.689	5.760	1.317	7.075	1.760	9.615
9	24	0.625	5.669	1.253	6.531	1.450	8.869
9	25	0.734	5.714	1.041	7.029	1.294	9.116
9	26	0.871	5.896	1.306	7.347	1.590	9.705
9	27	0.712	5.850	1.079	7.302	1.132	9.887
9	28	0.708	5.714	1.313	7.211	2.744	9.796
10	1	0.738	5.533	2.033	7.846	2.498	10.431
10	2	0.874	5.669	.	8.209	3.248	10.567
10	3	0.462	4.853	1.211	6.485	3.017	9.297
10	4	0.534	4.762	1.200	6.440	2.748	9.025
10	5	0.401	4.762	1.836	6.395	2.877	8.707
10	6	0.924	5.714	1.832	8.062	.	10.582
10	7	0.670	5.351	.	7.982	.	10.930
10	8	0.992	5.034	1.855	6.939	2.021	9.342
10	9	0.220	5.125	.	7.166	1.847	9.751
10	10	0.693	5.397	2.112	7.846	2.956	10.612
10	11	.	5.669	.	8.254	.	11.338

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
10	12	1.030	5.442	.	8.027	3.176	10.703
10	13	0.670	4.853	1.654	6.712	2.831	9.388
10	14	0.484	4.717	1.628	5.986	3.187	8.753
10	15	0.647	5.397	1.219	7.574	1.938	10.794
10	16	0.503	5.034	1.177	6.893	1.874	9.388
10	17	0.526	4.762	1.188	6.576	2.506	9.025
10	18	0.625	4.853	1.416	6.848	2.305	9.615
10	19	0.477	4.807	1.204	7.029	2.139	9.388
10	20	0.621	5.079	1.665	7.347	3.164	9.887
10	21	0.704	5.261	1.575	7.347	2.010	9.977
10	22	0.572	4.898	1.522	7.075	2.010	9.524
10	23	0.469	5.034	1.382	6.803	.	9.478
10	24	0.568	4.762	1.041	6.395	1.980	8.798
10	25	0.783	4.989	1.597	6.848	2.513	9.524
10	26	0.568	4.807	1.654	6.440	2.869	8.798
10	27	0.522	5.034	0.961	7.211	1.408	9.751
10	28	0.431	4.671	1.768	6.198	2.570	9.580
11	1	0.602	6.304	1.582	8.435	2.173	11.202
11	2	0.579	6.032	1.109	7.800	1.260	9.932
11	3	0.564	5.896	1.196	7.891	1.734	10.476
11	4	0.522	5.578	1.219	7.438	1.313	9.977
11	5	0.572	5.533	0.897	6.893	1.200	9.116
11	6	0.594	5.714	0.999	7.483	1.552	9.841
11	7	0.484	5.941	0.765	7.483	1.245	9.615
11	8	0.874	6.304	1.684	7.937	1.961	10.295
11	9	0.776	6.077	1.045	8.118	1.749	10.748
11	10	0.553	5.578	1.291	7.438	1.665	9.887
11	11	0.961	5.986	1.351	8.118	1.548	10.658
11	12	0.439	6.032	1.332	7.710	1.355	10.113
11	13	0.541	5.488	0.961	7.166	0.980	9.433
11	14	0.458	5.442	0.920	7.120	1.393	10.128
11	15	0.806	5.850	1.718	7.800	2.354	10.703
11	16	0.367	5.306	0.859	6.652	0.946	9.322
11	17	0.420	6.168	0.681	7.846	0.995	10.476
11	18	0.587	5.941	0.905	7.407	1.389	9.776
11	19	0.462	5.624	0.708	6.803	1.022	9.725
11	20	0.810	5.714	1.185	7.211	2.104	9.524
11	21	0.519	5.578	0.977	7.438	1.525	9.796
11	22	0.481	5.669	0.855	7.392	1.257	10.023

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d7WI	d7wt	d14WI	d14wt	d21WI	d21wt
11	23	0.575	5.442	0.927	6.803	1.287	8.798
11	24	0.594	5.941	1.109	7.574	1.518	10.023
11	25	0.503	5.624	1.151	6.848	1.752	9.297
11	26	0.503	5.533	0.980	7.438	1.495	9.705
11	27	0.537	5.533	1.071	7.483	1.639	9.660
11	28	0.488	5.306	0.920	6.349	1.306	9.121

Table A8. Average Daily Water Intake and Body Weight for Pigs for Days 28,35,and 42

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
1	1	2.945	15.873	2.903	20.538	3.611	24.879
1	2	1.976	14.707	2.407	18.724	4.523	23.583
1	3	2.706	13.719	2.782	17.857	3.293	22.279
1	4	1.802	13.095	1.885	16.667	2.918	20.635
1	5	1.567	15.722	1.472	19.426	2.029	24.641
1	6	1.260	12.763	1.673	16.132	2.150	20.343
1	7	1.620	14.229	1.874	19.436	2.192	24.295
1	8	1.760	16.251	1.836	21.240	2.888	26.682
1	9	1.575	16.067	2.142	20.084	2.241	24.166
1	10	1.938	14.853	3.145	19.558	4.860	23.639
1	11	1.045	12.094	1.669	15.722	2.589	19.955
1	12	1.593	15.136	2.006	18.707	3.172	23.413
1	13	1.154	14.512	1.556	18.292	2.252	23.129
1	14	1.215	14.135	1.957	18.519	3.285	23.280
1	15	2.203	16.456	2.600	21.250	2.979	26.693
1	16	1.794	13.039	2.313	17.460	2.377	21.542
1	17	1.893	13.605	2.506	17.120	3.172	20.975
1	18	1.741	12.868	2.014	16.723	2.668	20.862
1	19	1.279	14.059	1.866	18.270	2.600	22.546
1	20	2.559	14.642	2.805	18.918	4.016	23.324
1	21	1.983	14.796	2.566	18.651	3.357	22.789
1	22	1.923	13.832	2.324	17.687	3.013	21.655
1	23	2.335	15.646	3.600	20.068	5.057	24.717
1	24	1.287	13.865	2.048	17.881	2.532	22.287
1	25	1.294	12.958	4.167	17.234	4.167	21.510
1	26	1.287	12.320	2.025	16.251	2.279	20.937
1	27	1.442	14.229	1.692	18.537	1.866	22.562
1	28	2.403	14.966	2.755	19.615	3.565	24.150
2	1	1.991	16.009	2.593	20.272	3.058	25.215
2	2	1.559	16.175	2.441	20.156	3.221	25.750
2	3	2.135	15.646	3.641	19.819	3.266	24.444
2	4	1.828	14.376	3.861	18.458	3.369	23.537
2	5	1.601	14.059	3.092	18.005	2.994	23.084
2	6	2.559	15.147	.	19.002	3.853	24.535
2	7	1.802	15.238	2.687	19.229	3.232	25.079
2	8	2.188	16.190	2.540	20.952	2.843	26.304
2	9	2.509	15.510	4.621	19.909	4.027	25.397

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
2	10	2.017	15.873	2.933	19.546	3.077	24.490
2	11	2.021	13.968	3.789	18.277	3.501	23.129
2	12	1.480	13.878	2.479	17.732	2.309	22.540
2	13	2.044	15.011	4.145	18.776	2.839	23.492
2	14	2.926	15.510	3.948	19.546	3.070	24.399
2	15	1.798	16.478	2.150	21.214	1.881	26.102
2	16	2.328	15.772	2.615	20.408	2.460	25.447
2	17	2.733	14.422	3.282	19.229	2.956	23.583
2	18	2.332	13.288	4.599	17.460	3.501	23.280
2	19	2.044	14.694	2.699	18.413	2.593	23.175
2	20	2.135	15.772	3.005	20.761	2.562	26.102
2	21	1.779	13.958	2.718	18.745	2.297	23.784
2	22	1.840	15.646	2.676	20.272	2.305	24.989
2	23	.	15.238	.	19.592	.	24.490
2	24	2.865	16.327	.	20.680	4.061	25.624
2	25	2.226	14.512	4.182	18.413	2.926	23.129
2	26	2.157	14.014	3.838	18.005	3.497	22.676
2	27	1.881	13.651	3.679	17.823	2.260	22.313
2	28	2.729	.	3.316	19.365	2.661	23.991
3	2	1.597	12.109	2.880	16.145	2.695	20.295
3	3	1.086	10.567	1.703	14.150	2.313	17.959
3	4	2.051	10.884	3.119	15.290	3.043	18.886
3	5	2.324	12.868	3.819	16.780	3.142	20.578
3	6	2.445	11.388	3.895	15.760	3.335	19.473
3	7	1.783	10.784	2.555	14.664	2.949	19.073
3	8	1.374	12.517	1.896	16.825	2.638	21.111
3	9	2.494	11.791	3.251	15.873	3.437	19.705
3	10	1.998	10.431	3.210	14.664	2.975	19.098
3	11	1.976	11.439	2.945	15.117	3.013	19.148
3	12	1.363	10.884	2.540	14.412	2.578	19.148
3	13	1.980	12.812	3.706	16.440	2.922	19.841
3	14	2.229	10.690	4.020	14.383	3.528	18.432
3	15	1.942	12.094	2.559	15.772	2.403	19.955
3	16	1.431	12.528	1.870	17.234	2.036	21.712
3	17	2.029	11.640	2.657	15.520	2.668	19.728
3	18	1.654	12.755	2.509	17.120	3.005	21.344
3	19	1.556	11.519	1.832	15.238	1.696	19.138
3	20	2.252	11.640	2.824	15.671	2.388	20.383
3	21	2.252	12.144	2.816	16.377	2.619	20.836

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
3	22	1.385	10.280	2.165	13.857	2.544	17.637
3	23	1.851	11.020	2.865	15.147	3.789	19.365
3	24	2.506	12.075	3.391	15.930	3.418	20.096
3	25	2.403	10.023	4.705	13.469	4.099	16.735
3	26	2.188	12.415	3.354	16.383	2.914	20.578
3	27	1.964	10.028	2.150	14.342	2.063	17.290
3	28	1.896	9.574	2.509	12.950	2.805	16.604
4	1	3.573	16.190	.	20.181	3.547	25.125
4	2	.	15.918	.	20.091	3.365	24.490
4	3	3.372	14.422	4.247	18.549	3.403	23.447
4	4	3.683	14.512	4.088	18.231	3.815	23.220
4	5	.	14.104	4.629	17.959	4.304	22.857
4	6	.	14.467	.	18.322	.	23.401
4	7	3.728	15.646	4.516	20.227	3.581	25.578
4	8	2.173	15.964	3.740	20.272	2.578	25.850
4	9	2.774	15.692	4.224	19.728	3.902	25.034
4	10	2.282	14.412	4.167	18.644	3.478	23.583
4	11	.	14.815	.	18.745	3.929	23.280
4	12	2.218	13.696	4.599	17.188	3.051	21.587
4	13	2.570	14.311	3.490	18.241	3.535	22.726
4	14	2.597	15.319	3.936	19.552	3.444	24.187
4	15	2.786	16.735	3.811	21.542	3.221	27.211
4	16	1.893	15.096	2.619	19.890	2.381	25.073
4	17	3.709	15.319	4.830	19.652	4.164	24.691
4	18	.	15.238	.	19.683	.	24.580
4	19	2.290	14.603	3.179	18.277	4.107	23.220
4	20	2.615	13.958	.	18.292	.	23.129
4	21	3.051	13.968	4.224	18.413	3.285	23.673
4	22	3.005	15.193	3.312	19.229	3.656	24.036
4	23	2.086	13.605	3.096	17.536	3.407	22.777
4	24	3.452	14.361	4.519	18.342	3.970	23.482
4	25	.	14.361	.	18.493	.	23.413
4	26	2.903	14.422	4.656	18.231	5.136	23.583
4	27	2.559	14.376	3.293	18.322	3.111	23.311
4	28	.	14.412	.	18.191	4.542	25.057
5	1	3.036	13.152	2.960	16.689	3.126	20.771
5	2	3.017	14.286	3.096	17.415	3.917	21.769
5	3	2.241	13.741	2.377	17.370	2.475	21.497
5	4	2.120	13.102	1.847	16.679	2.184	20.358

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
5	5	2.078	13.102	2.324	16.578	2.513	20.358
5	6	2.021	11.791	2.377	14.311	2.067	18.367
5	7	2.245	12.094	2.210	15.520	2.369	19.300
5	8	2.135	12.880	2.808	16.508	2.949	21.224
5	9	3.028	15.823	2.771	19.400	2.718	23.280
5	10	1.881	11.746	2.135	15.016	2.233	19.388
5	11	2.608	12.608	3.058	15.964	2.650	22.481
5	12	1.858	11.508	2.120	15.193	2.362	19.048
5	13	2.135	12.295	2.214	15.369	2.597	19.350
5	14	2.014	12.642	2.388	15.646	2.377	19.274
5	15	2.472	11.565	1.972	14.966	1.915	19.112
5	16	1.427	12.528	1.605	15.549	1.677	19.631
5	17	1.302	13.087	1.624	15.743	1.684	20.473
5	18	1.896	12.648	2.207	16.667	2.502	21.088
5	19	1.544	13.411	2.146	16.845	2.260	20.667
5	20	.	13.102	4.175	16.427	3.429	20.761
5	21	2.059	13.857	2.479	17.486	2.759	21.920
5	22	2.377	12.850	2.229	16.327	2.366	20.207
5	23	2.343	13.958	2.835	17.284	3.645	21.416
5	24	1.885	13.051	2.309	17.234	2.332	20.748
5	25	2.373	11.590	2.532	14.966	2.680	19.652
5	26	2.528	13.605	2.998	17.082	2.585	22.789
5	27	1.745	13.353	1.972	16.730	2.252	21.668
5	28	3.573	12.598	2.600	15.923	2.316	19.199
6	2	3.183	14.059	4.364	18.005	4.614	23.084
6	3	2.040	14.739	2.248	18.957	2.714	23.855
6	4	1.923	13.560	2.854	17.052	2.858	21.995
6	5	2.332	13.857	2.926	18.040	3.221	22.978
6	6	1.976	14.558	2.532	18.685	3.036	23.810
6	7	2.585	12.925	3.251	16.644	3.289	21.542
6	8	2.388	14.512	2.699	18.393	3.032	23.784
6	9	2.021	15.102	2.687	19.320	2.755	24.308
6	10	1.639	14.875	2.718	18.957	3.399	23.764
6	11	2.214	12.698	2.653	16.372	2.680	21.361
6	12	2.150	14.361	2.373	18.443	2.661	23.532
6	13	2.218	13.560	2.653	17.279	3.653	21.950
6	14	1.877	14.059	1.927	17.823	2.135	22.857
6	15	2.059	14.613	2.540	18.493	3.842	23.381
6	16	2.014	13.923	2.241	17.823	2.627	22.494

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
6	17	2.555	13.651	3.130	16.871	2.873	21.723
6	18	2.362	11.837	3.047	16.175	2.903	20.912
6	19	2.839	14.059	3.645	18.095	4.179	22.676
6	20	1.964	11.993	2.142	15.571	2.532	19.753
6	21	2.055	13.696	2.691	17.778	2.812	22.585
6	22	1.930	13.379	2.547	17.637	3.456	22.676
6	23	2.498	13.857	4.383	17.687	4.523	22.525
6	24	2.506	13.016	4.001	17.007	.	21.905
6	25	1.650	14.785	2.135	18.685	2.983	23.673
6	26	1.533	11.882	2.017	15.722	2.226	19.904
6	27	2.574	12.109	3.270	15.737	3.229	19.773
7	1	1.514	12.245	2.509	16.644	2.899	21.920
7	2	1.389	12.744	3.433	17.551	3.062	21.859
7	3	1.836	11.892	2.343	17.574	3.456	22.052
7	4	1.548	12.144	2.547	16.982	3.350	21.517
7	5	1.268	12.598	2.422	17.536	3.024	21.769
7	6	1.658	13.424	2.714	18.458	2.896	22.857
7	7	1.067	11.701	2.358	16.629	2.930	21.567
7	8	1.540	12.154	1.987	16.667	2.347	21.202
7	9	1.885	14.331	2.956	19.093	3.539	23.673
7	10	0.863	11.655	2.173	16.327	2.657	20.544
7	11	1.438	11.973	3.051	16.689	3.967	21.224
7	12	1.113	12.547	2.373	16.830	2.763	21.416
7	13	1.124	10.834	2.207	14.865	2.290	19.300
7	14	1.060	10.839	1.752	13.958	2.570	18.191
7	15	1.749	11.610	3.596	15.238	3.017	19.410
7	16	1.192	11.247	2.483	15.828	1.836	20.499
7	17	1.317	12.018	2.687	16.236	2.593	20.635
7	18	1.435	10.431	3.596	14.558	2.774	18.639
7	19	1.294	12.154	2.154	16.270	1.915	20.408
7	20	1.900	11.927	3.467	15.964	3.070	19.955
7	21	1.673	12.925	3.149	18.005	2.407	22.585
7	22	0.931	11.848	1.673	17.007	1.646	21.655
7	23	2.176	13.243	3.153	17.279	2.729	22.041
7	24	1.310	11.086	1.703	14.286	1.665	19.161
7	25	1.858	10.658	2.343	14.240	2.422	18.231
7	26	1.718	11.429	3.297	16.372	2.994	20.862
7	27	1.234	12.109	2.127	16.916	1.874	21.633
7	28	0.980	9.826	2.036	13.807	1.529	17.889

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
9	1	2.911	14.014	.	17.370	.	21.497
9	2	.	13.696	.	16.916	.	21.315
9	3	2.650	13.016	.	15.964	.	20.136
9	4	2.453	12.698	2.827	15.601	3.338	19.637
9	5	2.339	13.807	3.058	16.982	4.292	21.517
9	6	3.066	12.744	4.266	16.054	.	20.045
9	7	2.055	12.426	2.668	15.646	3.581	19.773
9	8	1.870	12.472	2.010	15.974	2.949	20.459
9	9	2.472	13.107	.	16.236	.	20.363
9	10	2.350	13.605	2.808	16.689	3.857	20.726
9	11	3.478	12.336	.	15.283	.	19.904
9	12	3.077	12.472	2.774	15.283	3.948	19.229
9	13	3.062	12.971	3.645	16.100	4.504	19.819
9	14	2.892	13.651	3.236	16.599	.	20.680
9	15	2.199	12.472	2.229	14.739	2.797	19.229
9	16	2.097	12.336	2.214	15.193	4.338	19.138
9	17	3.490	13.832	3.600	17.188	.	21.905
9	18	3.301	12.744	3.770	16.009	.	20.408
9	19	2.808	12.562	3.123	15.238	3.554	19.274
9	20	3.077	12.598	3.229	15.722	4.977	19.904
9	21	1.998	12.925	2.604	16.190	4.648	21.088
9	22	2.752	13.061	4.054	16.463	4.565	20.408
9	23	3.206	12.698	3.664	15.782	.	20.317
9	24	2.487	11.338	2.684	13.757	3.248	18.197
9	25	2.025	11.429	2.702	14.150	4.254	17.959
9	26	2.771	12.472	3.232	15.465	.	20.181
9	27	1.866	13.061	1.798	15.873	3.130	20.136
9	28	3.736	12.971	3.883	16.190	5.042	20.726
10	1	3.221	14.109	3.312	17.032	4.338	21.164
10	2	.	13.379	.	16.327	.	20.181
10	3	.	12.109	.	15.011	.	18.458
10	4	2.456	11.429	3.168	14.512	4.902	18.231
10	5	2.388	11.791	3.478	14.160	4.394	17.586
10	6	.	13.353	3.123	16.226	.	20.055
10	7	3.107	14.422	3.410	17.460	4.992	21.995
10	8	2.468	12.336	4.160	15.374	.	19.365
10	9	.	12.472	.	15.238	.	19.002
10	10	3.142	13.379	3.641	16.463	3.531	20.227
10	11	.	14.376	.	17.823	.	22.177

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
10	12	3.289	13.605	4.474	16.463	4.973	20.499
10	13	.	12.799	.	16.125	.	20.055
10	14	2.309	11.020	3.316	13.469	3.853	16.508
10	15	3.032	14.331	2.328	17.007	2.438	20.952
10	16	2.684	12.653	2.290	15.420	3.066	19.138
10	17	3.766	11.565	2.509	13.832	3.380	17.324
10	18	3.179	12.336	4.273	15.102	4.565	18.730
10	19	2.506	12.245	3.592	15.238	3.645	18.866
10	20	3.403	12.834	.	15.772	.	19.300
10	21	3.501	13.379	3.796	16.190	3.853	20.181
10	22	3.100	12.336	3.558	15.193	.	18.594
10	23	.	12.200	.	15.102	.	18.821
10	24	2.843	11.519	3.054	14.286	4.023	17.868
10	25	.	12.200	4.875	15.283	.	18.821
10	26	.	12.094	3.963	15.067	4.739	18.896
10	27	1.893	12.925	2.176	15.918	2.990	19.773
10	28	2.192	12.698	1.930	15.760	2.301	19.501
11	1	2.176	14.966	2.530	20.711	2.547	25.800
11	2	1.866	12.744	2.623	17.143	2.831	21.542
11	3	2.585	13.968	3.217	18.503	4.194	23.039
11	4	1.927	13.560	2.581	18.141	2.339	22.086
11	5	1.972	11.927	2.464	17.517	2.241	22.392
11	6	.	13.107	4.618	17.959	3.380	22.857
11	7	2.014	13.857	2.271	18.141	2.279	22.424
11	8	2.101	12.744	2.460	17.052	2.161	21.179
11	9	2.460	14.649	3.145	20.045	2.718	24.807
11	10	2.415	13.424	3.376	18.322	2.820	23.673
11	11	3.274	14.059	4.164	18.730	3.437	22.948
11	12	3.732	13.424	4.428	17.778	3.815	21.769
11	13	2.297	12.290	3.020	16.236	3.005	20.952
11	14	2.513	13.605	3.891	17.989	3.153	21.970
11	15	2.846	14.150	3.565	19.138	3.134	23.492
11	16	1.635	11.640	2.070	15.722	2.093	20.610
11	17	1.650	13.197	2.445	18.095	2.347	22.132
11	18	2.608	12.749	3.248	17.234	3.282	21.567
11	19	1.692	12.698	2.252	17.687	2.646	22.052
11	20	3.145	12.336	4.553	17.052	4.080	22.222
11	21	1.756	12.426	2.282	17.082	2.301	21.063
11	22	1.817	12.925	2.377	17.778	2.271	22.766

Average Daily Water Intake L/Pig and Body Weight Kg/Pig							
Exp	Pen	d28WI	d28wt	d35WI	d35wt	d42WI	d42wt
11	23	2.392	11.565	3.202	16.145	2.684	20.363
11	24	1.764	13.061	2.483	17.415	2.843	21.315
11	25	2.388	12.109	3.717	17.234	3.308	22.449
11	26	2.714	13.152	3.376	17.914	3.475	22.132
11	27	2.827	13.061	3.505	18.095	2.562	22.041
11	28	2.116	12.295	2.078	17.133	2.453	21.416

Table A9. Average Daily Water Intake and Average Weekly Body Weight for Pigs for Days 0-7, 7-14 and, 14-21

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
1	1	0.630	6.304	1.351	7.619	2.141	10.023
1	2	0.724	6.281	1.259	7.732	2.154	10.272
1	3	0.670	5.873	1.529	7.188	2.026	9.478
1	4	0.682	5.828	1.053	6.984	1.839	9.161
1	5	0.564	6.803	1.160	8.209	1.996	10.499
1	6	0.323	6.440	0.975	7.438	1.342	9.410
1	7	0.596	5.442	0.906	6.576	1.415	9.025
1	8	0.600	6.304	0.953	7.591	1.543	10.254
1	9	0.712	6.417	1.260	8.186	1.859	11.270
1	10	0.342	5.850	1.067	7.166	2.015	9.932
1	11	0.473	5.624	0.990	6.599	1.632	8.776
1	12	0.541	6.508	1.117	7.982	1.978	10.794
1	13	0.683	6.644	1.199	8.141	1.862	10.748
1	14	0.686	5.760	1.416	7.188	2.015	9.615
1	15	0.706	5.510	1.483	7.029	2.366	10.045
1	16	0.519	5.941	0.959	6.871	1.400	8.844
1	17	0.662	5.986	1.010	6.984	1.499	9.206
1	18	0.635	5.646	1.160	6.939	1.501	9.274
1	19	0.584	5.714	1.141	7.029	1.508	9.592
1	20	0.593	5.828	1.172	6.984	2.215	9.501
1	21	0.637	5.964	1.414	7.279	1.528	9.819
1	22	0.458	5.488	0.862	6.644	1.195	8.776
1	23	0.562	6.281	1.382	7.755	1.874	10.295
1	24	0.449	5.986	1.067	7.029	1.348	9.740
1	25	0.625	5.941	.	7.370	2.520	9.932
1	26	0.493	5.873	1.207	7.052	2.194	9.388
1	27	0.530	5.964	0.826	7.188	0.966	9.524
1	28	0.422	5.873	1.063	7.234	1.921	10.068
2	1	0.538	6.599	1.306	8.118	1.693	10.975
2	2	0.656	6.735	1.078	8.050	1.436	10.635
2	3	0.627	6.190	1.236	7.710	1.868	10.476
2	4	0.527	6.190	0.946	7.483	1.402	9.864
2	5	0.656	6.395	1.101	7.664	1.666	10.091
2	6	0.754	6.327	1.214	7.710	2.018	10.476
2	7	0.650	6.372	1.218	7.755	1.802	10.454
2	8	0.845	6.621	1.241	8.141	1.921	11.020
2	9	0.473	6.485	0.948	7.800	1.897	10.454

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
2	10	0.661	6.327	1.184	7.914	2.234	10.726
2	11	0.669	6.259	1.212	7.460	1.778	9.683
2	12	0.532	6.440	0.900	7.642	1.360	10.091
2	13	0.605	6.485	1.191	7.778	1.706	10.136
2	14	0.685	6.372	1.131	7.937	2.122	10.635
2	15	0.729	6.667	1.285	8.526	1.697	11.744
2	16	0.678	6.757	1.137	8.254	1.569	10.862
2	17	0.684	6.644	1.167	7.846	2.044	10.272
2	18	0.544	6.349	1.006	7.460	1.556	9.864
2	19	0.614	6.508	1.053	7.800	1.523	10.159
2	20	0.635	6.531	1.164	7.914	1.709	10.431
2	21	0.656	6.100	1.384	7.188	2.059	9.604
2	22	0.577	6.508	1.246	8.005	1.919	10.794
2	23	0.783	6.803	1.728	8.503	2.207	11.134
2	24	0.769	6.712	1.716	8.413	2.395	11.179
2	25	0.786	6.440	1.253	7.982	1.791	10.408
2	26	0.555	6.508	1.157	7.732	1.701	9.819
2	27	0.500	6.236	0.856	7.347	1.400	9.569
2	28	0.670	6.213	1.404	7.710	2.350	10.408
3	2	0.718	5.669	1.289	6.440	1.743	8.027
3	3	0.624	5.193	1.085	5.624	1.310	7.007
3	4	0.672	5.170	1.024	5.737	1.664	7.455
3	5	0.667	5.510	1.241	6.423	1.724	8.418
3	6	0.749	5.556	1.315	6.289	2.101	7.785
3	7	0.592	5.057	1.214	5.351	1.793	6.788
3	8	0.725	5.488	1.394	6.145	1.701	8.050
3	9	0.905	5.601	1.123	6.122	1.657	7.596
3	10	0.577	5.079	1.105	5.442	1.466	6.757
3	11	0.592	5.238	1.128	5.669	1.399	7.347
3	12	0.571	5.397	0.956	5.878	1.385	7.458
3	13	0.830	5.510	1.148	6.032	1.548	8.311
3	14	0.662	4.966	1.469	5.210	2.428	6.596
3	15	0.617	5.215	1.061	5.906	1.440	7.760
3	16	0.738	5.397	1.086	5.986	1.543	7.470
3	17	0.571	5.261	1.254	5.488	1.677	7.206
3	18	0.561	5.215	0.976	5.709	1.654	7.716
3	19	0.493	5.329	0.801	6.122	1.094	7.687
3	20	0.656	4.974	1.176	5.770	2.313	7.483
3	21	0.540	5.057	0.984	5.891	1.726	7.861

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
3	22	0.752	5.079	1.149	5.261	1.545	6.621
3	23	0.666	5.351	1.198	5.737	1.881	7.188
3	24	0.630	5.215	1.323	5.936	1.934	7.914
3	25	0.667	5.011	1.377	5.261	1.996	6.599
3	26	0.593	5.215	1.065	5.714	1.728	7.664
3	27	0.588	4.853	1.050	5.261	1.555	6.417
3	28	0.568	4.898	1.562	5.238	1.999	6.422
4	1	0.516	6.100	0.963	7.664	2.190	10.952
4	2	0.480	6.145	1.130	7.687	2.093	10.952
4	3	0.416	5.397	0.989	6.621	2.215	9.615
4	4	0.457	5.669	1.128	7.166	2.319	10.136
4	5	0.379	5.737	1.139	7.143	2.126	9.864
4	6	0.401	5.578	0.901	6.780	.	9.615
4	7	0.450	5.828	1.148	7.302	2.588	10.499
4	8	0.545	6.032	1.040	7.664	2.395	11.156
4	9	0.440	6.122	1.038	7.596	2.400	10.930
4	10	0.428	5.760	1.247	7.279	2.377	10.159
4	11	0.517	5.624	1.277	7.075	2.338	10.118
4	12	0.398	5.488	1.113	6.871	2.349	9.819
4	13	0.484	5.805	1.137	7.274	1.942	10.078
4	14	0.429	5.964	0.983	7.347	2.120	10.358
4	15	0.466	5.828	1.221	7.574	2.026	10.952
4	16	0.369	5.601	0.967	7.087	1.566	10.154
4	17	0.485	5.646	1.217	7.098	3.248	10.370
4	18	0.559	5.488	1.359	7.166	2.983	10.227
4	19	0.354	5.397	0.992	6.735	1.849	9.796
4	20	0.399	5.079	0.947	6.281	2.097	9.058
4	21	0.341	4.921	0.995	6.100	1.878	9.002
4	22	0.460	5.782	1.177	7.460	2.165	10.703
4	23	0.473	5.442	0.953	6.780	1.924	9.569
4	24	0.483	5.601	1.049	7.052	2.307	10.020
4	25	0.449	5.510	1.238	6.916	2.357	9.864
4	26	0.462	5.510	1.080	6.848	2.431	9.705
4	27	0.417	5.397	1.010	6.848	2.026	9.864
4	28	0.469	5.283	1.079	6.372	.	8.889
5	1	0.176	5.592	0.853	6.317	2.010	8.707
5	2	0.167	5.542	0.469	6.313	1.930	8.902
5	3	0.304	5.029	0.752	5.937	1.377	8.349
5	4	0.339	4.993	0.535	5.724	1.054	7.901

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
5	5	0.210	5.165	0.671	6.173	1.569	8.405
5	6	0.199	5.100	0.771	5.881	1.643	7.800
5	7	0.313	4.807	0.691	5.362	1.479	7.271
5	8	0.111	5.587	0.461	6.200	1.213	8.381
5	9	0.420	5.787	0.706	6.785	1.565	9.529
5	10	0.145	4.794	0.280	5.429	1.112	7.551
5	11	0.224	5.007	0.740	5.710	1.435	7.719
5	12	0.284	4.787	0.478	5.089	1.248	6.873
5	13	0.162	4.817	0.509	5.548	1.221	7.543
5	14	0.367	4.953	0.619	5.659	1.572	7.780
5	15	0.336	4.802	0.547	5.621	1.322	7.721
5	16	0.266	4.974	0.594	5.670	1.208	7.920
5	17	0.305	5.079	0.351	5.842	0.956	8.371
5	18	0.407	5.346	0.616	6.127	1.172	8.083
5	19	0.383	5.115	0.554	5.795	0.984	7.586
5	20	0.387	4.858	0.884	5.714	1.764	7.931
5	21	0.386	5.074	0.724	6.082	1.536	8.576
5	22	0.414	5.084	0.634	5.916	1.388	8.108
5	23	0.358	5.427	0.595	6.183	1.556	8.420
5	24	0.323	5.281	0.805	6.087	1.659	8.269
5	25	0.390	5.079	0.524	5.583	1.343	7.412
5	26	0.428	5.377	0.634	6.183	1.571	8.647
5	27	0.346	5.094	0.558	6.002	1.078	8.461
5	28	0.527	5.200	0.786	6.032	1.816	7.916
6	2	0.451	6.327	1.020	7.528	2.391	9.909
6	3	0.640	6.190	1.244	7.279	1.937	9.773
6	4	0.495	5.782	0.892	6.780	1.436	9.048
6	5	0.446	6.190	0.935	7.052	1.844	9.214
6	6	0.390	6.349	0.787	7.415	1.429	10.113
6	7	0.572	5.669	1.160	6.621	1.889	8.798
6	8	0.554	5.918	1.117	7.123	1.711	9.675
6	9	0.410	6.440	0.987	7.642	1.507	10.340
6	10	0.447	6.054	0.785	7.234	1.214	9.887
6	11	0.486	5.805	0.909	6.417	1.442	8.481
6	12	0.449	5.896	0.928	7.029	1.492	9.342
6	13	0.533	5.669	1.017	6.712	1.852	8.980
6	14	0.464	6.122	0.933	7.188	1.335	9.751
6	15	0.377	5.669	0.817	6.712	1.519	9.529
6	16	0.437	5.805	0.902	6.916	1.563	9.229

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
6	17	0.376	5.465	0.832	6.485	1.374	8.957
6	18	0.550	5.442	1.069	6.168	1.726	8.163
6	19	0.504	5.737	1.163	7.007	2.093	9.501
6	20	0.453	5.397	0.898	6.304	1.429	8.393
6	21	0.429	5.669	0.992	6.893	1.509	9.274
6	22	0.444	5.488	0.927	6.485	1.364	8.866
6	23	0.464	5.624	0.890	6.667	1.557	9.181
6	24	0.626	5.828	1.080	6.780	2.000	8.730
6	25	0.437	6.077	0.751	7.302	1.303	10.023
6	26	0.407	5.397	0.808	6.054	1.168	8.050
6	27	0.430	5.578	0.967	6.531	1.840	8.639
7	1	0.678	5.533	1.128	6.190	1.842	7.823
7	2	0.600	5.578	0.931	6.349	1.425	8.322
7	3	0.539	5.351	0.710	5.850	1.993	7.392
7	4	0.584	5.079	0.982	5.873	1.581	7.667
7	5	0.556	5.180	0.898	6.198	1.658	8.012
7	6	0.645	5.102	1.096	6.304	1.745	8.617
7	7	0.611	5.374	0.784	6.077	1.817	7.664
7	8	0.538	5.533	0.846	6.440	1.714	8.163
7	9	0.669	5.624	1.220	6.893	2.181	9.342
7	10	0.545	5.102	0.754	6.009	1.345	7.642
7	11	0.624	5.329	0.877	6.100	2.192	7.914
7	12	0.578	5.125	0.793	6.067	1.735	8.214
7	13	0.493	5.102	0.699	5.465	1.456	6.775
7	14	0.534	5.306	0.790	5.828	1.760	7.279
7	15	0.649	5.306	1.152	5.986	1.908	7.324
7	16	0.421	5.147	0.820	5.692	1.484	7.007
7	17	0.551	5.147	0.911	5.782	2.255	7.166
7	18	0.498	5.034	0.643	5.465	1.325	6.780
7	19	0.483	5.170	0.792	5.896	1.562	7.619
7	20	0.691	5.488	1.071	6.190	2.407	7.687
7	21	0.593	5.510	0.899	6.599	1.566	8.367
7	22	0.492	5.283	0.760	5.578	1.076	6.973
7	23	0.697	5.737	1.181	6.463	2.069	8.141
7	24	0.598	5.034	1.038	5.329	1.386	6.531
7	25	0.695	5.283	0.864	5.692	1.465	6.712
7	26	0.584	5.465	0.850	6.077	1.728	7.370
7	27	0.564	5.601	0.762	6.485	1.244	7.868
7	28	0.496	5.238	0.935	5.420	1.130	6.231

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
9	1	0.485	5.850	0.875	7.029	1.787	9.161
9	2	0.494	5.850	1.156	7.075	2.340	9.297
9	3	0.462	5.782	0.913	6.871	1.793	8.844
9	4	0.461	5.760	1.134	6.871	2.038	8.821
9	5	0.500	5.760	0.869	6.757	1.456	8.859
9	6	0.585	5.601	1.097	6.689	2.162	8.639
9	7	0.530	5.556	0.917	6.508	1.439	8.209
9	8	0.521	5.941	0.907	6.871	1.446	8.753
9	9	0.548	5.805	0.935	7.075	1.629	9.161
9	10	0.453	5.737	0.971	6.916	1.627	9.138
9	11	0.570	5.646	0.885	6.644	1.953	8.413
9	12	0.513	5.941	0.965	6.984	1.815	8.730
9	13	0.444	5.533	1.054	6.576	1.699	8.503
9	14	0.524	5.465	1.087	6.757	1.859	8.889
9	15	0.439	5.351	0.766	6.440	1.110	8.322
9	16	0.470	5.329	0.981	6.395	1.318	8.277
9	17	0.509	5.646	0.901	6.893	1.700	8.957
9	18	0.476	5.420	1.076	6.644	1.760	8.617
9	19	0.521	5.578	1.109	6.712	2.083	8.617
9	20	0.421	5.283	0.956	6.077	1.820	7.732
9	21	0.438	5.442	0.714	6.576	1.135	8.594
9	22	0.488	5.442	0.865	6.599	1.753	8.481
9	23	0.501	5.397	1.002	6.417	1.848	8.345
9	24	0.478	5.488	0.922	6.100	1.674	7.700
9	25	0.535	5.374	0.925	6.372	1.288	8.073
9	26	0.524	5.533	1.075	6.621	1.877	8.526
9	27	0.460	5.420	0.968	6.576	1.331	8.594
9	28	0.526	5.351	1.089	6.463	2.326	8.503
10	1	0.467	5.034	1.424	6.689	2.198	9.138
10	2	0.535	5.170	1.389	6.939	2.816	9.388
10	3	0.419	4.853	0.834	5.669	2.033	7.891
10	4	0.348	4.762	0.900	5.601	2.014	7.732
10	5	0.393	4.785	0.892	5.578	2.196	7.551
10	6	0.525	5.238	1.389	6.888	1.902	9.322
10	7	0.597	4.853	1.268	6.667	2.272	9.456
10	8	0.584	4.966	1.392	5.986	1.760	8.141
10	9	0.179	4.898	0.620	6.145	1.865	8.458
10	10	0.513	4.921	1.418	6.621	2.491	9.229
10	11	0.639	5.147	.	6.961	.	9.796

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
10	12	0.516	4.989	1.318	6.735	2.577	9.365
10	13	0.433	4.875	1.057	5.782	2.407	8.050
10	14	0.402	4.762	0.828	5.351	2.227	7.370
10	15	0.495	5.102	0.995	6.485	1.935	9.184
10	16	0.392	4.853	0.760	5.964	1.753	8.141
10	17	0.395	4.649	0.936	5.669	2.338	7.800
10	18	0.474	4.626	1.031	5.850	2.242	8.231
10	19	0.410	4.603	0.896	5.918	1.841	8.209
10	20	0.519	4.762	1.243	6.213	2.436	8.617
10	21	0.477	4.966	1.129	6.304	1.965	8.662
10	22	0.525	4.694	1.100	5.986	1.953	8.299
10	23	0.466	4.943	0.866	5.918	2.184	8.141
10	24	0.506	4.535	0.806	5.578	1.544	7.596
10	25	0.550	4.921	1.128	5.918	2.278	8.186
10	26	0.492	4.580	1.113	5.624	2.412	7.619
10	27	0.477	4.717	0.780	6.122	1.209	8.481
10	28	0.373	4.603	0.867	5.435	2.295	7.889
11	1	0.534	5.918	0.898	7.370	1.476	9.819
11	2	0.496	5.714	0.853	6.916	1.203	8.866
11	3	0.493	5.646	0.880	6.893	1.381	9.184
11	4	0.416	5.351	0.801	6.508	1.180	8.707
11	5	0.438	5.351	0.702	6.213	1.208	8.005
11	6	0.560	5.397	0.789	6.599	1.423	8.662
11	7	0.439	5.601	0.639	6.712	1.138	8.549
11	8	0.708	5.918	1.379	7.120	1.722	9.116
11	9	0.612	5.714	0.958	7.098	1.556	9.433
11	10	0.450	5.283	0.841	6.508	1.455	8.662
11	11	0.685	5.578	1.064	7.052	1.567	9.388
11	12	0.489	5.601	0.940	6.871	1.599	8.912
11	13	0.423	5.374	0.738	6.327	0.943	8.299
11	14	0.415	5.374	0.671	6.281	1.377	8.624
11	15	0.626	5.556	1.121	6.825	1.883	9.252
11	16	0.360	5.306	0.556	5.979	0.971	7.987
11	17	0.446	5.782	0.591	7.007	1.067	9.161
11	18	0.576	5.714	0.696	6.674	1.248	8.592
11	19	0.436	5.510	0.587	6.213	1.046	8.264
11	20	0.670	5.420	0.830	6.463	1.639	8.367
11	21	0.492	5.329	0.788	6.508	1.360	8.617
11	22	0.448	5.420	0.721	6.531	1.202	8.707

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI0-07	Wt0-07	WI7-14	Wt7-14	WI14-21	Wt14-21
11	23	0.479	5.351	0.688	6.122	1.150	7.800
11	24	0.597	5.714	0.855	6.757	1.291	8.798
11	25	0.481	5.488	0.760	6.236	1.590	8.073
11	26	0.537	5.283	0.833	6.485	1.368	8.571
11	27	0.472	5.261	0.836	6.508	1.547	8.571
11	28	0.453	5.147	0.731	5.828	1.292	7.735

Table A10. Average Daily Water Intake and Average Weekly Body Weight for Pigs for Days 21-28, 28-35, and 35-42

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
1	1	1.989	13.696	2.905	18.205	3.113	22.708
1	2	1.822	13.226	2.339	16.715	3.229	21.153
1	3	2.011	12.256	2.526	15.788	3.138	20.068
1	4	1.631	11.786	1.936	14.881	2.590	18.651
1	5	1.265	13.734	1.574	17.574	1.931	22.033
1	6	1.069	11.688	1.671	14.448	2.148	18.238
1	7	1.385	12.421	1.729	16.833	1.937	21.866
1	8	1.370	14.122	1.901	18.745	2.414	23.961
1	9	1.289	14.587	1.755	18.076	1.932	22.125
1	10	1.713	13.277	2.723	17.205	3.503	21.599
1	11	1.001	11.081	1.400	13.908	2.025	17.838
1	12	1.611	13.804	2.090	16.922	2.640	21.060
1	13	1.224	13.356	1.477	16.402	1.980	20.711
1	14	1.142	12.600	1.583	16.327	3.128	20.899
1	15	2.026	14.192	2.519	18.853	2.909	23.971
1	16	1.365	11.553	2.130	15.249	2.509	19.501
1	17	1.757	12.132	2.008	15.363	2.955	19.048
1	18	1.397	11.740	1.805	14.796	2.434	18.793
1	19	1.192	12.562	1.628	16.165	2.204	20.408
1	20	2.184	12.854	2.698	16.780	3.393	21.121
1	21	1.508	13.090	2.241	16.723	2.933	20.720
1	22	1.481	11.950	1.991	15.760	2.800	19.671
1	23	1.769	13.719	2.743	17.857	4.146	22.392
1	24	1.181	12.727	1.748	15.873	2.294	20.084
1	25	1.603	12.216	2.951	15.096	3.532	19.372
1	26	1.200	11.580	1.715	14.286	2.055	18.594
1	27	1.199	12.579	1.700	16.383	2.014	20.550
1	28	1.863	13.401	2.566	17.290	3.131	21.882
2	1	1.928	14.308	2.555	18.141	2.899	22.744
2	2	1.702	14.187	2.228	18.166	2.874	22.953
2	3	2.118	13.810	2.946	17.732	3.545	22.132
2	4	1.749	12.812	2.514	16.417	3.118	20.998
2	5	1.733	12.812	2.700	16.032	3.067	20.544
2	6	2.740	13.628	3.257	17.075	4.017	21.769
2	7	1.977	13.673	2.459	17.234	3.178	22.154
2	8	2.081	14.444	2.632	18.571	3.000	23.628
2	9	2.445	13.764	3.516	17.710	4.032	22.653

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
2	10	2.029	14.082	2.289	17.710	2.901	22.018
2	11	2.019	12.472	3.028	16.122	3.722	20.703
2	12	1.575	12.721	2.077	15.805	2.566	20.136
2	13	1.988	13.243	2.963	16.893	3.140	21.134
2	14	2.583	13.832	3.183	17.528	3.167	21.973
2	15	1.785	15.016	2.299	18.846	2.248	23.658
2	16	1.967	14.054	2.569	18.090	2.657	22.928
2	17	2.595	13.061	3.118	16.825	3.062	21.406
2	18	2.103	12.358	3.411	15.374	3.013	20.370
2	19	2.006	13.107	2.529	16.553	2.686	20.794
2	20	2.060	13.827	2.780	18.267	2.939	23.432
2	21	1.798	12.547	2.417	16.352	2.758	21.265
2	22	1.892	14.014	2.389	17.959	2.602	22.630
2	23	.	13.878	.	17.415	.	22.041
2	24	2.703	14.467	3.475	18.503	3.836	23.152
2	25	2.013	13.084	3.085	16.463	3.398	20.771
2	26	2.129	12.472	2.984	16.009	3.184	20.340
2	27	1.723	12.245	2.222	15.737	2.392	20.068
2	28	2.529	11.927	3.212	19.365	3.453	21.678
3	2	1.508	10.544	2.002	14.127	2.716	18.220
3	3	1.156	9.274	1.541	12.358	2.202	16.054
3	4	1.824	9.722	2.512	13.087	3.165	17.088
3	5	1.957	11.196	2.856	14.824	3.789	18.679
3	6	2.135	10.003	2.981	13.574	3.320	17.616
3	7	1.661	9.322	2.188	12.724	2.830	16.868
3	8	1.382	10.884	1.613	14.671	2.544	18.968
3	9	1.901	10.204	2.551	13.832	3.837	17.789
3	10	1.722	9.048	2.354	12.547	2.969	16.881
3	11	1.614	10.028	2.429	13.278	3.322	17.133
3	12	1.272	9.675	1.884	12.648	2.725	16.780
3	13	1.756	11.451	2.774	14.626	3.161	18.141
3	14	2.061	9.135	3.230	12.536	3.692	16.408
3	15	1.723	10.532	2.231	13.933	2.574	17.863
3	16	1.384	10.447	1.648	14.881	2.098	19.473
3	17	1.918	10.078	2.265	13.580	2.548	17.624
3	18	1.741	10.969	2.097	14.938	2.877	19.232
3	19	1.409	10.091	1.700	13.379	1.718	17.188
3	20	1.942	10.103	2.538	13.656	2.862	18.027
3	21	1.918	10.582	2.502	14.261	2.656	18.607

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
3	22	1.381	8.995	1.824	12.069	2.365	15.747
3	23	1.797	9.592	2.318	13.084	3.448	17.256
3	24	1.990	10.601	2.746	14.002	3.377	18.013
3	25	2.143	8.776	3.197	11.746	3.865	15.102
3	26	1.759	10.743	2.767	14.399	2.924	18.481
3	27	1.631	8.597	2.063	12.185	2.117	15.816
3	28	1.634	8.466	2.065	11.262	2.753	14.777
4	1	2.606	14.535	3.312	18.186	3.674	22.653
4	2	1.774	14.376	3.785	18.005	3.437	22.290
4	3	2.287	12.880	3.954	16.485	3.613	20.998
4	4	2.505	13.152	3.867	16.372	3.460	20.726
4	5	2.424	12.766	3.939	16.032	3.721	20.408
4	6	2.217	12.902	.	16.395	.	20.862
4	7	2.431	14.036	3.782	17.937	3.429	22.902
4	8	2.005	14.558	3.127	18.118	2.923	23.061
4	9	2.435	14.331	3.285	17.710	4.149	22.381
4	10	1.679	13.102	3.120	16.528	3.425	21.114
4	11	2.077	13.353	3.584	16.780	3.414	21.013
4	12	2.034	12.540	3.571	15.442	3.189	19.388
4	13	1.897	12.976	3.019	16.276	3.253	20.484
4	14	1.923	13.731	3.440	17.435	3.431	21.869
4	15	2.256	14.739	3.308	19.138	3.338	24.376
4	16	1.502	13.494	2.157	17.493	2.341	22.481
4	17	2.818	13.857	4.075	17.486	3.621	22.172
4	18	2.579	13.560	.	17.460	.	22.132
4	19	1.729	13.129	2.758	16.440	3.531	20.748
4	20	2.022	12.295	3.250	16.125	3.559	20.711
4	21	2.070	12.268	3.357	16.190	3.317	21.043
4	22	1.930	13.810	2.859	17.211	3.230	21.633
4	23	1.756	12.358	2.841	15.571	2.946	20.156
4	24	2.427	13.051	3.986	16.352	3.817	20.912
4	25	.	12.986	.	16.427	.	20.953
4	26	2.174	12.902	3.590	16.327	4.180	20.907
4	27	2.021	13.039	2.620	16.349	2.706	20.816
4	28	2.465	12.399	.	16.301	4.485	21.624
5	1	2.424	11.678	2.816	14.921	3.117	18.730
5	2	2.652	12.463	2.799	15.850	3.842	19.592
5	3	1.821	11.796	2.354	15.556	2.622	19.433
5	4	1.565	11.227	1.788	14.890	2.255	18.519

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
5	5	1.661	11.429	2.137	14.840	2.557	18.468
5	6	1.808	10.345	2.022	13.051	2.197	16.339
5	7	1.885	10.295	2.150	13.807	2.438	17.410
5	8	1.678	11.351	2.425	14.694	3.166	18.866
5	9	2.072	13.631	2.858	17.611	2.910	21.340
5	10	1.678	10.385	1.743	13.381	2.332	17.202
5	11	2.112	10.848	2.697	14.286	2.906	19.223
5	12	1.619	9.856	2.050	13.350	2.361	17.120
5	13	1.819	10.517	2.062	13.832	2.395	17.360
5	14	1.763	10.927	2.294	14.144	2.504	17.460
5	15	1.877	10.215	2.015	13.265	1.968	17.039
5	16	1.330	10.867	1.387	14.039	1.622	17.590
5	17	1.158	11.480	1.478	14.415	1.675	18.108
5	18	1.596	10.955	2.058	14.657	2.763	18.878
5	19	1.197	10.991	1.884	15.128	2.298	18.756
5	20	2.557	11.131	3.857	14.764	3.821	18.594
5	21	1.879	11.978	2.313	15.671	2.538	19.703
5	22	1.896	11.207	2.245	14.588	2.312	18.267
5	23	2.084	11.948	2.684	15.621	3.415	19.350
5	24	1.696	11.343	2.072	15.142	2.414	18.991
5	25	1.894	10.108	2.572	13.278	2.937	17.309
5	26	2.091	11.973	2.670	15.344	2.704	19.936
5	27	1.386	11.711	1.684	15.042	2.053	19.199
5	28	2.520	10.864	2.862	14.261	2.307	17.561
6	2	2.882	12.698	3.394	16.032	4.421	20.544
6	3	2.065	13.061	2.188	16.848	2.701	21.406
6	4	1.845	11.995	2.547	15.306	2.704	19.524
6	5	2.053	12.220	2.510	15.949	3.022	20.509
6	6	1.824	13.152	2.311	16.621	2.734	21.247
6	7	2.260	11.542	3.077	14.785	3.581	19.093
6	8	2.103	12.824	2.507	16.453	3.118	21.088
6	9	1.752	13.560	2.187	17.211	3.037	21.814
6	10	1.488	13.220	1.917	16.916	2.909	21.361
6	11	1.905	11.270	2.336	14.535	2.833	18.866
6	12	1.877	12.555	2.117	16.402	2.629	20.988
6	13	1.918	11.973	2.426	15.420	3.297	19.615
6	14	1.642	12.698	1.916	15.941	2.156	20.340
6	15	1.913	13.026	2.154	16.553	2.816	20.937
6	16	1.791	12.245	2.030	15.873	2.488	20.159

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
6	17	2.176	12.086	2.605	15.261	2.919	19.297
6	18	2.164	10.635	2.437	14.006	3.012	18.544
6	19	2.665	12.517	3.018	16.077	3.841	20.385
6	20	1.661	10.784	2.018	13.782	2.481	17.662
6	21	1.843	12.200	2.280	15.737	2.810	20.181
6	22	1.880	11.837	2.124	15.508	2.998	20.156
6	23	2.286	12.346	3.219	15.772	4.024	20.106
6	24	2.282	11.451	2.949	15.011	3.705	19.456
6	25	1.489	13.288	1.836	16.735	2.569	21.179
6	26	1.443	10.658	1.749	13.802	2.137	17.813
6	27	2.129	10.998	2.840	13.923	3.323	17.755
7	1	2.313	10.454	2.641	14.444	2.669	19.282
7	2	1.728	11.156	2.728	15.147	3.418	19.705
7	3	2.166	10.050	2.201	14.733	3.157	19.813
7	4	2.344	10.406	2.405	14.563	3.344	19.249
7	5	1.875	10.708	2.106	15.067	2.775	19.652
7	6	2.077	11.587	2.486	15.941	2.802	20.658
7	7	1.780	10.159	2.089	14.165	2.759	19.098
7	8	2.126	10.612	1.694	14.410	2.183	18.934
7	9	2.375	12.472	2.714	16.712	3.435	21.383
7	10	1.630	10.045	2.181	13.991	2.601	18.435
7	11	2.322	10.522	2.926	14.331	3.629	18.957
7	12	1.698	10.960	2.059	14.689	2.667	19.123
7	13	1.661	9.221	1.917	12.850	2.342	17.082
7	14	1.966	9.501	1.571	12.399	2.392	16.075
7	15	2.553	9.841	2.897	13.424	3.889	17.324
7	16	1.689	9.524	2.425	13.537	2.438	18.163
7	17	2.386	10.000	2.595	14.127	3.105	18.435
7	18	1.960	8.980	2.908	12.494	3.316	16.599
7	19	1.975	10.363	1.993	14.212	2.322	18.339
7	20	2.765	10.249	3.124	13.946	3.578	17.959
7	21	2.515	11.043	3.241	15.465	3.427	20.295
7	22	1.385	9.949	1.614	14.427	1.895	19.331
7	23	2.740	11.202	2.997	15.261	3.292	19.660
7	24	1.699	9.194	1.749	12.686	1.889	16.723
7	25	1.969	9.002	2.571	12.449	2.466	16.236
7	26	2.204	9.773	3.093	13.900	3.631	18.617
7	27	1.586	10.340	1.949	14.512	2.089	19.274
7	28	1.299	8.264	1.637	11.817	2.165	15.848

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
9	1	2.031	12.222	2.131	15.692	.	19.433
9	2	2.330	12.177	.	15.306	.	19.116
9	3	1.727	11.542	2.780	14.490	.	18.050
9	4	1.870	11.361	2.420	14.150	3.111	17.619
9	5	2.081	12.043	2.588	15.394	3.343	19.249
9	6	2.498	11.315	3.487	14.399	3.789	18.050
9	7	1.641	10.884	2.153	14.036	2.866	17.710
9	8	1.418	11.270	1.664	14.223	2.190	18.216
9	9	1.985	11.723	1.045	14.671	.	18.299
9	10	1.695	12.041	2.264	15.147	3.422	18.707
9	11	2.517	10.930	3.304	13.810	4.217	17.594
9	12	1.960	11.179	2.672	13.878	3.508	17.256
9	13	2.170	11.361	2.751	14.535	3.807	17.959
9	14	2.134	11.859	2.681	15.125	3.382	18.639
9	15	1.631	10.975	1.714	13.605	2.548	16.984
9	16	1.540	10.862	1.853	13.764	3.376	17.166
9	17	2.194	11.973	2.708	15.510	3.455	19.546
9	18	2.107	11.247	2.701	14.376	3.549	18.209
9	19	2.245	11.179	2.594	13.900	3.424	17.256
9	20	2.059	10.675	2.669	14.160	3.884	17.813
9	21	1.488	11.406	2.266	14.558	3.836	18.639
9	22	2.195	11.361	3.152	14.762	3.620	18.435
9	23	2.292	11.156	2.688	14.240	3.791	18.050
9	24	1.978	10.103	2.373	12.547	2.892	15.977
9	25	1.662	10.272	2.014	12.789	3.594	16.054
9	26	1.995	11.088	2.801	13.968	3.749	17.823
9	27	1.449	11.474	1.631	14.467	2.475	18.005
9	28	2.590	11.383	3.667	14.580	4.366	18.458
10	1	2.687	12.270	3.147	15.571	3.397	19.098
10	2	2.805	11.973	3.855	14.853	4.306	18.254
10	3	2.908	10.703	.	13.560	3.895	16.735
10	4	2.619	10.227	3.111	12.971	3.429	16.372
10	5	2.330	10.249	2.699	12.976	3.235	15.873
10	6	2.871	11.968	2.952	14.790	3.332	18.141
10	7	2.719	12.676	2.653	15.941	3.483	19.728
10	8	2.269	10.839	2.696	13.855	3.812	17.370
10	9	3.395	11.111	.	13.855	.	17.120
10	10	2.784	11.995	3.353	14.921	3.219	18.345
10	11	.	12.857	.	16.100	.	20.000

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
10	12	3.099	12.154	3.930	15.034	3.851	18.481
10	13	2.892	11.093	3.846	14.462	4.114	18.090
10	14	2.435	9.887	3.190	12.245	3.046	14.989
10	15	2.648	12.562	2.693	15.669	2.306	18.980
10	16	2.203	11.020	2.638	14.036	2.817	17.279
10	17	3.052	10.295	2.797	12.698	3.323	15.578
10	18	2.929	10.975	3.557	13.719	3.969	16.916
10	19	2.319	10.816	3.002	13.741	3.313	17.052
10	20	2.855	11.361	3.895	14.303	2.513	17.536
10	21	3.029	11.678	3.674	14.785	3.300	18.186
10	22	2.573	10.930	3.544	13.764	4.242	16.893
10	23	2.786	10.839	.	13.651	4.091	16.961
10	24	2.596	10.159	3.121	12.902	3.006	16.077
10	25	2.665	10.862	4.192	13.741	3.488	17.052
10	26	2.985	10.446	4.221	13.580	3.718	16.982
10	27	1.835	11.338	2.223	14.422	2.363	17.846
10	28	2.277	11.139	2.420	14.229	2.053	17.630
11	1	2.013	13.084	2.300	17.838	2.584	23.255
11	2	1.612	11.338	1.992	14.943	2.491	19.342
11	3	2.334	12.222	2.596	16.236	3.437	20.771
11	4	1.637	11.769	1.989	15.850	2.463	20.113
11	5	1.647	10.522	1.850	14.722	2.274	19.955
11	6	2.590	11.474	3.852	15.533	3.207	20.408
11	7	1.720	11.736	1.871	15.999	2.330	20.282
11	8	1.956	11.519	2.168	14.898	2.543	19.116
11	9	2.356	12.698	2.482	17.347	2.824	22.426
11	10	2.133	11.655	2.563	15.873	2.957	20.998
11	11	2.427	12.358	3.115	16.395	3.405	20.839
11	12	2.911	11.769	3.107	15.601	3.459	19.773
11	13	1.887	10.862	2.240	14.263	2.661	18.594
11	14	1.861	11.867	2.358	15.797	2.834	19.980
11	15	2.321	12.426	2.883	16.644	3.629	21.315
11	16	1.291	10.481	1.807	13.681	1.961	18.166
11	17	1.366	11.837	2.012	15.646	2.248	20.113
11	18	2.090	11.262	2.647	14.991	3.076	19.400
11	19	1.332	11.212	1.787	15.193	2.250	19.870
11	20	2.747	10.930	3.402	14.694	3.856	19.637
11	21	1.697	11.111	1.993	14.754	2.231	19.073
11	22	1.493	11.474	2.108	15.351	2.252	20.272

Average Daily Water Intake L/pig and Average Weekly Body Weight Kg/pig							
Exp	Pen	WI21-28	Wt21-28	WI28-35	Wt28-35	WI35-42	Wt35-42
11	23	1.930	10.181	2.536	13.855	2.871	18.254
11	24	1.602	11.542	1.993	15.238	2.350	19.365
11	25	2.247	10.703	2.940	14.671	3.337	19.841
11	26	2.320	11.429	2.660	15.533	3.357	20.023
11	27	2.184	11.361	2.680	15.578	2.703	20.068
11	28	1.880	10.708	1.915	14.714	2.306	19.274

Table A11. Average Daily Water Intake and Average Daily Feed Intake for Pigs for Days 0-7, 7-14, and 14-21

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
1	1	0.630	0.155	1.351	0.314	2.141	0.525
1	2	0.724	0.154	1.259	0.305	2.154	0.515
1	3	0.670	0.129	1.529	0.275	2.026	0.424
1	4	0.682	0.122	1.053	0.242	1.839	0.427
1	5	0.564	0.122	1.160	0.303	1.996	0.440
1	6	0.323	0.109	0.975	0.224	1.342	0.365
1	7	0.596	0.128	0.906	0.263	1.415	0.479
1	8	0.600	0.148	0.953	0.275	1.543	0.517
1	9	0.712	0.174	1.260	0.383	1.859	0.618
1	10	0.342	0.141	1.067	0.299	2.015	0.508
1	11	0.473	0.089	0.990	0.238	1.632	0.429
1	12	0.541	0.133	1.117	0.325	1.978	0.565
1	13	0.683	0.141	1.199	0.335	1.862	0.524
1	14	0.686	0.157	1.416	0.319	2.015	0.481
1	15	0.706	0.165	1.483	0.299	2.366	0.647
1	16	0.519	0.117	0.959	0.244	1.400	0.395
1	17	0.662	0.140	1.010	0.250	1.499	0.444
1	18	0.635	0.142	1.160	0.281	1.501	0.457
1	19	0.584	0.133	1.141	0.293	1.508	0.490
1	20	0.593	0.113	1.172	0.229	2.215	0.512
1	21	0.637	0.154	1.414	0.279	1.528	0.495
1	22	0.458	0.139	0.862	0.231	1.195	0.430
1	23	0.562	0.155	1.382	0.328	1.874	0.519
1	24	0.449	0.113	1.067	0.240	1.348	0.488
1	25	0.625	0.140	.	0.321	2.520	0.528
1	26	0.493	0.153	1.207	0.269	2.194	0.469
1	27	0.530	0.127	0.826	0.242	0.966	0.426
1	28	0.422	0.122	1.063	0.288	1.921	0.582
2	1	0.538	0.113	1.306	0.389	1.693	0.590
2	2	0.656	0.103	1.078	0.341	1.436	0.463
2	3	0.627	0.124	1.236	0.443	1.868	0.597
2	4	0.527	0.113	0.946	0.395	1.402	0.577
2	5	0.656	0.095	1.101	0.307	1.666	0.533
2	6	0.754	0.119	1.214	0.356	2.018	0.587
2	7	0.650	0.144	1.218	0.360	1.802	0.568
2	8	0.845	0.123	1.241	0.391	1.921	0.644
2	9	0.473	0.113	0.948	0.365	1.897	0.618

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
2	10	0.661	0.115	1.184	0.365	2.234	0.579
2	11	0.669	0.106	1.212	0.381	1.778	0.506
2	12	0.532	0.110	0.900	0.314	1.360	0.515
2	13	0.605	0.111	1.191	0.345	1.706	0.542
2	14	0.685	0.140	1.131	0.371	2.122	0.554
2	15	0.729	0.138	1.285	0.419	1.697	0.606
2	16	0.678	0.134	1.137	0.426	1.569	0.562
2	17	0.684	0.129	1.167	0.347	2.044	0.564
2	18	0.544	0.099	1.006	0.358	1.556	0.463
2	19	0.614	0.117	1.053	0.342	1.523	0.520
2	20	0.635	0.116	1.164	0.345	1.709	0.494
2	21	0.656	0.109	1.384	0.382	2.059	0.520
2	22	0.577	0.127	1.246	0.433	1.919	0.612
2	23	0.783	0.146	1.728	0.437	2.207	0.536
2	24	0.769	0.121	1.716	0.449	2.395	0.595
2	25	0.786	0.108	1.253	0.352	1.791	0.464
2	26	0.555	0.101	1.157	0.365	1.701	0.457
2	27	0.500	0.089	0.856	0.295	1.400	0.463
2	28	0.670	0.116	1.404	0.357	2.350	0.549
3	2	0.718	0.079	1.289	0.227	1.743	0.424
3	3	0.624	0.053	1.085	0.172	1.310	0.360
3	4	0.672	0.071	1.024	0.209	1.664	0.353
3	5	0.667	0.063	1.241	0.179	1.724	0.441
3	6	0.749	0.076	1.315	0.192	2.101	0.382
3	7	0.592	0.047	1.214	0.167	1.793	0.353
3	8	0.725	0.065	1.394	0.207	1.701	0.423
3	9	0.905	0.084	1.123	0.213	1.657	0.363
3	10	0.577	0.058	1.105	0.203	1.466	0.336
3	11	0.592	0.057	1.128	0.172	1.399	0.410
3	12	0.571	0.082	0.956	0.224	1.385	0.392
3	13	0.830	0.074	1.148	0.201	1.548	0.471
3	14	0.662	0.038	1.469	0.103	2.428	0.325
3	15	0.617	0.067	1.061	0.202	1.440	0.397
3	16	0.738	0.057	1.086	0.209	1.543	0.362
3	17	0.571	0.054	1.254	0.194	1.677	0.389
3	18	0.561	0.105	0.976	0.189	1.654	0.440
3	19	0.493	0.099	0.801	0.227	1.094	0.415
3	20	0.656	0.071	1.176	0.219	2.313	0.400
3	21	0.540	0.080	0.984	0.206	1.726	0.440

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
3	22	0.752	0.046	1.149	0.169	1.545	0.360
3	23	0.666	0.038	1.198	0.178	1.881	0.373
3	24	0.630	0.047	1.323	0.175	1.934	0.388
3	25	0.667	0.031	1.377	0.154	1.996	0.310
3	26	0.593	0.054	1.065	0.185	1.728	0.438
3	27	0.588	0.053	1.050	0.163	1.555	0.298
3	28	0.568	0.074	1.562	0.163	1.999	0.318
4	1	0.516	0.091	0.963	0.362	2.190	0.684
4	2	0.480	0.084	1.130	0.339	2.093	0.674
4	3	0.416	0.049	0.989	0.328	2.215	0.614
4	4	0.457	0.104	1.128	0.342	2.319	0.650
4	5	0.379	0.076	1.139	0.309	2.126	0.569
4	6	0.401	0.075	0.901	0.312	.	0.619
4	7	0.450	0.086	1.148	0.323	2.588	0.690
4	8	0.545	0.091	1.040	0.365	2.395	0.710
4	9	0.440	0.073	1.038	0.336	2.400	0.691
4	10	0.428	0.091	1.247	0.327	2.377	0.602
4	11	0.517	0.095	1.277	0.348	2.338	0.604
4	12	0.398	0.062	1.113	0.323	2.349	0.626
4	13	0.484	0.097	1.137	0.350	1.942	0.586
4	14	0.429	0.085	0.983	0.328	2.120	0.618
4	15	0.466	0.089	1.221	0.396	2.026	0.707
4	16	0.369	0.078	0.967	0.328	1.566	0.626
4	17	0.485	0.093	1.217	0.353	3.248	0.653
4	18	0.559	0.100	1.359	0.389	2.983	0.656
4	19	0.354	0.079	0.992	0.324	1.849	0.630
4	20	0.399	0.061	0.947	0.278	2.097	0.590
4	21	0.341	0.039	0.995	0.330	1.878	0.642
4	22	0.460	0.087	1.177	0.385	2.165	0.654
4	23	0.473	0.067	0.953	0.308	1.924	0.553
4	24	0.483	0.082	1.049	0.324	2.307	0.620
4	25	0.449	0.086	1.238	0.332	2.357	0.626
4	26	0.462	0.090	1.080	0.321	2.431	0.592
4	27	0.417	0.099	1.010	0.327	2.026	0.650
4	28	0.469	0.072	1.079	0.316	.	0.578
5	1	0.176	0.047	0.853	0.241	2.010	0.569
5	2	0.167	0.060	0.469	0.231	1.930	0.619
5	3	0.304	0.069	0.752	0.238	1.377	0.558
5	4	0.339	0.063	0.535	0.198	1.054	0.455

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
5	5	0.210	0.071	0.671	0.240	1.569	0.550
5	6	0.199	0.048	0.771	0.258	1.643	0.543
5	7	0.313	0.035	0.691	0.190	1.479	0.484
5	8	0.111	0.046	0.461	0.203	1.213	0.505
5	9	0.420	0.101	0.706	0.241	1.565	0.532
5	10	0.145	0.064	0.280	0.176	1.112	0.490
5	11	0.224	0.061	0.740	0.211	1.435	0.439
5	12	0.284	0.030	0.478	0.146	1.248	0.433
5	13	0.162	0.043	0.509	0.222	1.221	0.476
5	14	0.367	0.058	0.619	0.209	1.572	0.500
5	15	0.336	0.046	0.547	0.194	1.322	0.500
5	16	0.266	0.028	0.594	0.194	1.208	0.503
5	17	0.305	0.028	0.351	0.168	0.956	0.513
5	18	0.407	0.083	0.616	0.209	1.172	0.469
5	19	0.383	0.061	0.554	0.204	0.984	0.420
5	20	0.387	0.073	0.884	0.226	1.764	0.542
5	21	0.386	0.070	0.724	0.281	1.536	0.587
5	22	0.414	0.091	0.634	0.231	1.388	0.576
5	23	0.358	0.062	0.595	0.220	1.556	0.548
5	24	0.323	0.063	0.805	0.233	1.659	0.528
5	25	0.390	0.050	0.524	0.178	1.343	0.463
5	26	0.428	0.076	0.634	0.207	1.571	0.586
5	27	0.346	0.085	0.558	0.234	1.078	0.556
5	28	0.527	0.091	0.786	0.209	1.816	0.461
6	2	0.530	0.074	1.009	0.327	1.505	0.569
6	3	0.640	0.123	1.244	0.307	1.937	0.531
6	4	0.495	0.086	0.892	0.306	1.436	0.636
6	5	0.446	0.065	0.935	0.279	1.844	0.810
6	6	0.390	0.082	0.787	0.321	1.429	0.572
6	7	0.572	0.060	1.160	0.260	1.889	0.575
6	8	0.554	0.101	1.117	0.282	1.711	0.598
6	9	0.410	0.109	0.987	0.369	1.507	0.568
6	10	0.447	0.104	0.785	0.348	1.214	0.545
6	11	0.486	0.059	0.909	0.235	1.442	0.525
6	12	0.449	0.104	0.928	0.312	1.492	0.555
6	13	0.533	0.080	1.017	0.300	1.852	0.593
6	14	0.464	0.076	0.933	0.300	1.335	0.566
6	15	0.377	0.109	0.817	0.319	1.519	0.573
6	16	0.437	0.078	0.902	0.292	1.563	0.618

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
6	17	0.376	0.075	0.832	0.289	1.374	0.586
6	18	0.550	0.082	1.069	0.236	1.726	0.540
6	19	0.504	0.108	1.163	0.331	2.093	0.569
6	20	0.453	0.110	0.898	0.330	1.429	0.826
6	21	0.429	0.087	0.992	0.316	1.509	0.600
6	22	0.444	0.068	0.927	0.319	1.364	0.561
6	23	0.464	0.076	0.890	0.282	1.557	0.554
6	24	0.626	0.079	1.080	0.281	2.000	0.654
6	25	0.437	0.086	0.751	0.333	1.303	0.549
6	26	0.407	0.070	0.808	0.217	1.168	0.489
6	27	0.430	0.073	0.967	0.281	1.840	0.571
7	1	0.678	0.098	1.128	0.273	1.842	0.447
7	2	0.600	0.077	0.931	0.248	1.425	0.471
7	3	0.539	0.037	0.710	0.181	1.993	0.438
7	4	0.584	0.080	0.982	0.246	1.581	0.471
7	5	0.556	0.097	0.898	0.306	1.658	0.466
7	6	0.645	0.098	1.096	0.326	1.745	0.519
7	7	0.611	0.072	0.784	0.209	1.817	0.425
7	8	0.538	0.079	0.846	0.247	1.714	0.444
7	9	0.669	0.097	1.220	0.288	2.181	0.568
7	10	0.545	0.093	0.754	0.228	1.345	0.423
7	11	0.624	0.076	0.877	0.219	2.192	0.553
7	12	0.578	0.078	0.793	0.253	1.735	0.477
7	13	0.493	0.056	0.699	0.184	1.456	0.363
7	14	0.534	0.065	0.790	0.203	1.760	0.389
7	15	0.649	0.087	1.152	0.243	1.908	0.413
7	16	0.421	0.066	0.820	0.192	1.484	0.387
7	17	0.551	0.069	0.911	0.224	2.255	0.417
7	18	0.498	0.039	0.643	0.159	1.325	0.351
7	19	0.483	0.047	0.792	0.217	1.562	0.438
7	20	0.691	0.087	1.071	0.203	2.407	0.423
7	21	0.593	0.093	0.899	0.269	1.566	0.479
7	22	0.492	0.055	0.760	0.168	1.076	0.389
7	23	0.697	0.086	1.181	0.225	2.069	0.457
7	24	0.598	0.045	1.038	0.185	1.386	0.339
7	25	0.695	0.088	0.864	0.178	1.465	0.299
7	26	0.584	0.075	0.850	0.218	1.728	0.360
7	27	0.564	0.093	0.762	0.236	1.244	0.370
7	28	0.496	0.045	0.935	0.155	1.130	0.254

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
9	2	0.494	0.125	1.156	0.355	2.340	0.533
9	3	0.462	0.127	0.913	0.283	1.793	0.488
9	4	0.461	0.126	1.134	0.308	2.038	0.505
9	5	0.500	0.121	0.869	0.307	1.456	0.464
9	6	0.585	0.121	1.097	0.287	2.162	0.537
9	7	0.530	0.122	0.917	0.257	1.439	0.475
9	8	0.521	0.116	0.907	0.296	1.446	0.543
9	9	0.548	0.132	0.935	0.356	1.629	0.537
9	10	0.453	0.121	0.971	0.329	1.627	0.511
9	11	0.570	0.128	0.885	0.297	1.953	0.488
9	12	0.513	0.121	0.965	0.309	1.815	0.511
9	13	0.444	0.120	1.054	0.306	1.699	0.469
9	14	0.524	0.138	1.087	0.375	1.859	0.523
9	15	0.439	0.123	0.766	0.331	1.110	0.484
9	16	0.470	0.115	0.981	0.303	1.318	0.491
9	17	0.509	0.131	0.901	0.331	1.700	0.480
9	18	0.476	0.126	1.076	0.300	1.760	0.449
9	19	0.521	0.118	1.109	0.296	2.083	0.502
9	20	0.421	0.131	0.956	0.284	1.820	0.377
9	21	0.438	0.124	0.714	0.288	1.135	0.455
9	22	0.488	0.119	0.865	0.341	1.753	0.435
9	23	0.501	0.128	1.002	0.280	1.848	0.461
9	24	0.478	0.117	0.922	0.260	1.674	0.550
9	25	0.535	0.122	0.925	0.330	1.288	0.440
9	26	0.524	0.121	1.075	0.299	1.877	0.469
9	27	0.460	0.125	0.968	0.293	1.331	0.466
9	28	0.526	0.121	1.089	0.298	2.326	0.519
10	1	0.467	0.130	1.424	0.408	2.198	0.558
10	2	0.535	0.120	1.389	0.415	2.816	0.508
10	3	0.419	0.052	0.834	0.292	2.033	0.516
10	4	0.348	0.074	0.900	0.303	2.014	0.477
10	5	0.393	0.050	0.892	0.321	2.196	0.526
10	6	0.525	0.124	1.389	0.460	1.902	0.561
10	7	0.597	0.126	1.268	0.459	2.272	0.619
10	8	0.584	0.086	1.392	0.366	1.760	0.508
10	9	0.179	0.094	0.620	0.411	1.865	0.534
10	10	0.513	0.111	1.418	0.411	2.491	0.568
10	11	0.639	0.128	.	0.454	.	0.570
10	12	0.516	0.122	1.318	0.468	2.577	0.566

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
10	13	0.433	0.057	1.057	0.337	2.407	0.525
10	14	0.402	0.063	0.828	0.247	2.227	0.520
10	15	0.495	0.104	0.995	0.324	1.935	0.595
10	16	0.392	0.074	0.760	0.310	1.753	0.540
10	17	0.395	0.084	0.936	0.296	2.338	0.462
10	18	0.474	0.097	1.031	0.325	2.242	0.534
10	19	0.410	0.088	0.896	0.308	1.841	0.523
10	20	0.519	0.095	1.243	0.408	2.436	0.543
10	21	0.477	0.099	1.129	0.358	1.965	0.529
10	22	0.525	0.094	1.100	0.313	1.953	0.494
10	23	0.466	0.082	0.866	0.297	2.184	0.507
10	24	0.506	0.106	0.806	0.272	1.544	0.448
10	25	0.550	0.074	1.128	0.267	2.278	0.476
10	26	0.492	0.091	1.113	0.283	2.412	0.423
10	27	0.477	0.098	0.780	0.298	1.209	0.473
10	28	0.373	0.065	0.867	0.270	2.295	0.565
11	1	0.534	0.119	0.898	0.336	1.476	0.581
11	2	0.496	0.117	0.853	0.290	1.203	0.598
11	3	0.493	0.101	0.880	0.311	1.381	0.590
11	4	0.416	0.095	0.801	0.318	1.180	0.558
11	5	0.438	0.099	0.702	0.246	1.208	0.566
11	6	0.560	0.107	0.789	0.277	1.423	0.566
11	7	0.439	0.100	0.639	0.254	1.138	0.605
11	8	0.708	0.127	1.379	0.264	1.722	0.585
11	9	0.612	0.132	0.958	0.303	1.556	0.577
11	10	0.450	0.094	0.841	0.279	1.455	0.574
11	11	0.685	0.142	1.064	0.301	1.567	0.605
11	12	0.489	0.131	0.940	0.284	1.599	0.556
11	13	0.423	0.083	0.738	0.259	0.943	0.498
11	14	0.415	0.075	0.671	0.263	1.377	0.586
11	15	0.626	0.116	1.121	0.316	1.883	0.575
11	16	0.360	0.069	0.556	0.188	0.971	0.462
11	17	0.446	0.112	0.591	0.275	1.067	0.551
11	18	0.576	0.103	0.696	0.248	1.248	0.619
11	19	0.436	0.082	0.587	0.213	1.046	0.516
11	20	0.670	0.108	0.830	0.240	1.639	0.548
11	21	0.492	0.098	0.788	0.288	1.360	0.590
11	22	0.448	0.098	0.721	0.273	1.202	0.540
11	23	0.479	0.076	0.688	0.233	1.150	0.564

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI0-07	ADFI0-07	WI7-14	ADFI7-14	WI14-21	ADFI14-21
11	24	0.597	0.092	0.855	0.267	1.291	0.569
11	25	0.481	0.084	0.760	0.212	1.590	0.495
11	26	0.537	0.105	0.833	0.286	1.368	0.585
11	27	0.472	0.100	0.836	0.319	1.547	0.551
11	28	0.453	0.073	0.731	0.223	1.292	0.507

Table A12. Average Daily Water Intake and Average Daily Feed Intake for Pigs for Days 21-28, 28-35, and 35-42

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
1	1	1.989	0.782	2.905	0.867	3.113	0.868
1	2	1.822	0.807	2.339	0.764	3.229	0.930
1	3	2.011	0.733	2.526	0.761	3.138	0.903
1	4	1.631	0.714	1.936	0.709	2.590	0.774
1	5	1.265	0.952	1.574	0.825	1.931	0.963
1	6	1.069	0.790	1.671	0.604	2.148	0.799
1	7	1.385	0.855	1.729	0.803	1.937	0.975
1	8	1.370	1.111	1.901	0.935	2.414	1.105
1	9	1.289	0.886	1.755	0.805	1.932	0.874
1	10	1.713	0.958	2.723	0.894	3.503	0.911
1	11	1.001	0.642	1.400	0.512	2.025	0.667
1	12	1.611	0.860	2.090	0.767	2.640	0.947
1	13	1.224	0.737	1.477	0.714	1.980	0.910
1	14	1.142	0.763	1.583	0.754	3.128	0.979
1	15	2.026	1.025	2.519	1.013	2.909	1.100
1	16	1.365	0.768	2.130	0.763	2.509	0.971
1	17	1.757	0.910	2.008	0.728	2.955	0.860
1	18	1.397	0.775	1.805	0.653	2.434	0.818
1	19	1.192	0.878	1.628	0.699	2.204	0.940
1	20	2.184	0.855	2.698	0.764	3.393	0.907
1	21	1.508	0.789	2.241	0.723	2.933	0.894
1	22	1.481	0.740	1.991	0.703	2.800	0.818
1	23	1.769	0.736	2.743	0.807	4.146	0.977
1	24	1.181	0.748	1.748	0.716	2.294	0.831
1	25	1.603	0.500	2.951	0.772	3.532	0.805
1	26	1.200	0.826	1.715	0.704	2.055	0.875
1	27	1.199	0.911	1.700	0.803	2.014	0.827
1	28	1.863	0.830	2.566	0.916	3.131	0.932
2	1	1.928	0.644	2.555	0.861	2.899	1.148
2	2	1.702	0.695	2.228	0.824	2.874	1.135
2	3	2.118	0.654	2.946	0.843	3.545	1.096
2	4	1.749	0.603	2.514	0.753	3.118	1.031
2	5	1.733	0.665	2.700	0.622	3.067	1.051
2	6	2.740	0.640	3.257	0.827	4.017	1.136
2	7	1.977	0.614	2.459	0.783	3.178	1.123
2	8	2.081	0.710	2.632	0.943	3.000	1.228
2	9	2.445	0.664	3.516	0.862	4.032	1.210

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
2	10	2.029	0.628	2.289	0.795	2.901	0.970
2	11	2.019	0.579	3.028	0.798	3.722	1.044
2	12	1.575	0.522	2.077	0.667	2.566	0.989
2	13	1.988	0.634	2.963	0.816	3.140	1.032
2	14	2.583	0.642	3.183	0.832	3.167	1.029
2	15	1.785	0.608	2.299	0.869	2.248	1.016
2	16	1.967	0.555	2.569	0.881	2.657	1.055
2	17	2.595	0.589	3.118	0.870	3.062	0.985
2	18	2.103	0.606	3.411	0.768	3.013	1.026
2	19	2.006	0.570	2.529	0.775	2.686	0.948
2	20	2.060	0.669	2.780	0.945	2.939	1.137
2	21	1.798	0.617	2.417	0.853	2.758	1.086
2	22	1.892	0.633	2.389	0.923	2.602	1.087
2	23	.	0.666	.	0.866	.	1.105
2	24	2.703	0.698	3.475	0.844	3.836	1.077
2	25	2.013	0.575	3.085	0.757	3.398	0.992
2	26	2.129	0.556	2.984	0.767	3.184	1.046
2	27	1.723	0.549	2.222	0.768	2.392	0.963
2	28	2.529	0.636	3.212	0.845	3.453	1.033
3	2	1.508	0.570	2.002	0.779	2.716	0.954
3	3	1.156	0.488	1.541	0.683	2.202	0.844
3	4	1.824	0.492	2.512	0.647	3.165	0.883
3	5	1.957	0.613	2.856	0.803	3.789	0.960
3	6	2.135	0.515	2.981	0.693	3.320	0.939
3	7	1.661	0.541	2.188	0.739	2.830	0.946
3	8	1.382	0.627	1.613	0.853	2.544	1.031
3	9	1.901	0.580	2.551	0.825	3.837	0.927
3	10	1.722	0.510	2.354	0.772	2.969	0.967
3	11	1.614	0.526	2.429	0.723	3.322	0.896
3	12	1.272	0.500	1.884	0.709	2.725	0.967
3	13	1.756	0.587	2.774	0.780	3.161	1.033
3	14	2.061	0.541	3.230	0.742	3.692	0.874
3	15	1.723	0.578	2.231	0.722	2.574	0.944
3	16	1.384	0.608	1.648	0.877	2.098	1.068
3	17	1.918	0.590	2.265	0.737	2.548	0.942
3	18	1.741	0.663	2.097	0.849	2.877	1.006
3	19	1.409	0.531	1.700	0.734	1.718	0.936
3	20	1.942	0.599	2.538	0.782	2.862	0.977
3	21	1.918	0.606	2.502	0.842	2.656	0.999

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
3	22	1.381	0.514	1.824	0.664	2.365	0.832
3	23	1.797	0.535	2.318	0.769	3.448	1.004
3	24	1.990	0.534	2.746	0.764	3.377	1.020
3	25	2.143	0.463	3.197	0.647	3.865	0.798
3	26	1.759	0.648	2.767	0.824	2.924	0.972
3	27	1.631	0.442	2.063	0.728	2.117	0.875
3	28	1.634	0.450	2.065	0.623	2.753	0.826
4	1	2.606	0.584	3.312	0.824	3.674	1.088
4	2	1.774	0.522	3.785	0.814	3.437	1.024
4	3	2.287	0.663	3.954	0.798	3.613	0.999
4	4	2.505	0.663	3.867	0.777	3.460	0.967
4	5	2.424	0.569	3.939	0.746	3.721	0.989
4	6	2.217	0.689	.	0.796	.	1.076
4	7	2.431	0.733	3.782	0.904	3.429	1.106
4	8	2.005	0.734	3.127	0.944	2.923	1.258
4	9	2.435	0.675	3.285	0.766	4.149	1.045
4	10	1.679	0.541	3.120	0.777	3.425	1.102
4	11	2.077	0.585	3.584	0.798	3.414	1.032
4	12	2.034	0.552	3.571	0.674	3.189	0.953
4	13	1.897	0.633	3.019	0.793	3.253	1.018
4	14	1.923	0.644	3.440	0.808	3.431	1.000
4	15	2.256	0.807	3.308	0.973	3.338	1.270
4	16	1.502	0.667	2.157	0.918	2.341	1.204
4	17	2.818	0.703	4.075	0.856	3.621	1.117
4	18	2.579	0.672	.	0.881	.	1.127
4	19	1.729	0.641	2.758	0.739	3.531	1.077
4	20	2.022	0.654	3.250	0.812	3.559	1.060
4	21	2.070	0.698	3.357	0.885	3.317	1.147
4	22	1.930	0.604	2.859	0.828	3.230	1.107
4	23	1.756	0.571	2.841	0.789	2.946	1.070
4	24	2.427	0.626	3.986	0.813	3.817	1.128
4	25	.	0.632	.	0.834	.	1.120
4	26	2.174	0.654	3.590	0.735	4.180	1.105
4	27	2.021	0.648	2.620	0.784	2.706	0.976
4	28	2.465	0.713	.	0.841	4.485	1.173
5	1	2.424	0.646	2.816	0.808	3.117	1.005
5	2	2.652	0.718	2.799	0.766	3.842	1.011
5	3	1.821	0.671	2.354	0.847	2.622	0.958
5	4	1.565	0.713	1.788	0.821	2.255	0.900

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
5	5	1.661	0.617	2.137	0.776	2.557	0.964
5	6	1.808	0.557	2.022	0.615	2.197	0.825
5	7	1.885	0.648	2.150	0.808	2.438	0.920
5	8	1.678	0.646	2.425	0.822	3.166	1.049
5	9	2.072	0.766	2.858	0.906	2.910	1.050
5	10	1.678	0.591	1.743	0.657	2.332	0.837
5	11	2.112	0.649	2.697	0.794	2.906	0.925
5	12	1.619	0.556	2.050	0.813	2.361	0.973
5	13	1.819	0.644	2.062	0.752	2.395	0.899
5	14	1.763	0.588	2.294	0.769	2.504	0.912
5	15	1.877	0.573	2.015	0.643	1.968	0.959
5	16	1.330	0.612	1.387	0.617	1.622	0.923
5	17	1.158	0.608	1.478	0.753	1.675	0.961
5	18	1.596	0.589	2.058	0.818	2.763	1.008
5	19	1.197	0.649	1.884	0.839	2.298	0.971
5	20	2.557	0.668	3.857	0.867	3.821	1.047
5	21	1.879	0.707	2.313	0.877	2.538	1.055
5	22	1.896	0.681	2.245	0.781	2.312	0.916
5	23	2.084	0.714	2.684	0.851	3.415	0.979
5	24	1.696	0.624	2.072	0.810	2.414	0.980
5	25	1.894	0.641	2.572	0.823	2.937	0.978
5	26	2.091	0.692	2.670	0.797	2.704	1.117
5	27	1.386	0.703	1.684	0.827	2.053	1.033
5	28	2.520	0.595	2.862	0.752	2.307	0.898
6	2	1.919	0.512	2.469	0.749	3.344	1.034
6	3	2.065	0.539	2.188	0.815	2.701	0.967
6	4	1.845	0.554	2.547	0.737	2.704	0.936
6	5	2.053	0.528	2.510	0.837	3.022	1.060
6	6	1.824	0.588	2.311	0.811	2.734	0.952
6	7	2.260	0.493	3.077	0.731	3.581	0.969
6	8	2.103	0.551	2.507	0.852	3.118	1.107
6	9	1.752	0.601	2.187	0.833	3.037	1.040
6	10	1.488	0.576	1.917	0.813	2.909	0.972
6	11	1.905	0.450	2.336	0.707	2.833	0.952
6	12	1.877	0.546	2.117	0.808	2.629	1.019
6	13	1.918	0.525	2.426	0.748	3.297	0.960
6	14	1.642	0.566	1.916	0.743	2.156	0.945
6	15	1.913	0.591	2.154	0.804	2.816	0.998
6	16	1.791	0.521	2.030	0.792	2.488	0.972

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
6	17	2.176	0.577	2.605	0.737	2.919	0.941
6	18	2.164	0.432	2.437	0.714	3.012	0.903
6	19	2.665	0.528	3.018	0.776	3.841	0.922
6	20	1.661	0.451	2.018	0.659	2.481	0.910
6	21	1.843	0.540	2.280	0.781	2.810	1.022
6	22	1.880	0.505	2.124	0.816	2.998	1.066
6	23	2.286	0.492	3.219	0.738	4.024	0.983
6	24	2.282	0.477	2.949	0.761	3.705	0.973
6	25	1.489	0.612	1.836	0.796	2.569	1.031
6	26	1.443	0.426	1.749	0.703	2.137	0.888
6	27	2.129	0.449	2.840	0.661	3.323	0.818
7	1	2.313	0.654	2.641	0.821	2.669	1.139
7	2	1.728	0.597	2.728	0.850	3.418	1.109
7	3	2.166	0.627	2.201	0.857	3.157	1.186
7	4	2.344	0.665	2.405	0.832	3.344	1.169
7	5	1.875	0.670	2.106	0.850	2.775	1.126
7	6	2.077	0.701	2.486	0.879	2.802	1.163
7	7	1.780	0.586	2.089	0.762	2.759	1.188
7	8	2.126	0.619	1.694	0.787	2.183	1.152
7	9	2.375	0.706	2.714	0.849	3.435	1.240
7	10	1.630	0.581	2.181	0.801	2.601	1.065
7	11	2.322	0.586	2.926	0.795	3.629	1.168
7	12	1.698	0.654	2.059	0.830	2.667	1.185
7	13	1.661	0.602	1.917	0.744	2.342	1.078
7	14	1.966	0.566	1.571	0.619	2.392	1.067
7	15	2.553	0.614	2.897	0.678	3.889	1.014
7	16	1.689	0.611	2.425	0.853	2.438	0.998
7	17	2.386	0.709	2.595	0.778	3.105	1.113
7	18	1.960	0.550	2.908	0.728	3.316	0.994
7	19	1.975	0.639	1.993	0.783	2.322	1.057
7	20	2.765	0.623	3.124	0.750	3.578	1.079
7	21	2.515	0.680	3.241	0.867	3.427	1.210
7	22	1.385	0.638	1.614	0.882	1.895	1.075
7	23	2.740	0.731	2.997	0.780	3.292	1.091
7	24	1.699	0.614	1.749	0.662	1.889	0.912
7	25	1.969	0.571	2.571	0.669	2.466	0.912
7	26	2.204	0.605	3.093	0.855	3.631	1.128
7	27	1.586	0.630	1.949	0.855	2.089	1.019
7	28	1.299	0.475	1.637	0.702	2.165	1.043

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
9	2	2.330	0.514	.	0.736	.	0.909
9	3	1.727	0.539	2.780	0.728	.	0.886
9	4	1.870	0.536	2.420	0.713	3.111	0.854
9	5	2.081	0.582	2.588	0.788	3.343	0.952
9	6	2.498	0.575	3.487	0.780	3.789	0.882
9	7	1.641	0.570	2.153	0.782	2.866	0.886
9	8	1.418	0.548	1.664	0.721	2.190	0.909
9	9	1.985	0.584	1.045	0.803	.	0.925
9	10	1.695	0.541	2.264	0.738	3.422	0.862
9	11	2.517	0.380	3.304	0.684	4.217	0.844
9	12	1.960	0.632	2.672	0.704	3.508	0.897
9	13	2.170	0.557	2.751	0.715	3.807	0.870
9	14	2.134	0.595	2.681	0.730	3.382	0.895
9	15	1.631	0.664	1.714	0.666	2.548	0.860
9	16	1.540	0.593	1.853	0.725	3.376	0.893
9	17	2.194	0.619	2.708	0.799	3.455	0.973
9	18	2.107	0.529	2.701	0.739	3.549	0.890
9	19	2.245	0.584	2.594	0.669	3.424	0.846
9	20	2.059	0.561	2.669	0.730	3.884	0.879
9	21	1.488	0.555	2.266	0.772	3.836	0.976
9	22	2.195	0.543	3.152	0.755	3.620	0.846
9	23	2.292	0.551	2.688	0.680	3.791	0.928
9	24	1.978	0.520	2.373	0.679	2.892	0.824
9	25	1.662	0.495	2.014	0.632	3.594	0.796
9	26	1.995	0.476	2.801	0.656	3.749	0.890
9	27	1.449	0.577	1.631	0.834	2.475	0.881
9	28	2.590	0.583	3.667	0.762	4.366	0.946
10	1	2.687	0.672	3.147	0.797	3.397	0.856
10	2	2.805	0.587	3.855	0.705	4.306	0.797
10	3	2.908	0.583	.	0.730	3.895	0.809
10	4	2.619	0.542	3.111	0.686	3.429	0.769
10	5	2.330	0.572	2.699	0.651	3.235	0.921
10	6	2.871	0.571	2.952	0.667	3.332	0.759
10	7	2.719	0.728	2.653	0.799	3.483	0.836
10	8	2.269	0.601	2.696	0.794	3.812	0.896
10	9	3.395	0.585	.	0.663	.	0.794
10	10	2.784	0.571	3.353	0.737	3.219	0.777
10	11	.	0.748	.	0.804	.	0.879
10	12	3.099	0.614	3.930	0.700	3.851	0.789

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
10	13	2.892	0.634	3.846	0.893	4.114	1.179
10	14	2.435	0.520	3.190	0.623	3.046	0.656
10	15	2.648	0.744	2.693	0.794	2.306	0.853
10	16	2.203	0.625	2.638	0.698	2.817	0.861
10	17	3.052	0.578	2.797	0.574	3.323	0.753
10	18	2.929	0.603	3.557	0.653	3.969	0.825
10	19	2.319	0.597	3.002	0.733	3.313	0.827
10	20	2.855	0.618	3.895	0.729	2.513	0.896
10	21	3.029	0.713	3.674	0.761	3.300	0.874
10	22	2.573	0.597	3.544	0.667	4.242	0.845
10	23	2.786	0.601	.	0.667	4.091	0.822
10	24	2.596	0.589	3.121	0.683	3.006	0.805
10	25	2.665	0.615	4.192	0.708	3.488	0.820
10	26	2.985	0.572	4.221	0.687	3.718	0.808
10	27	1.835	0.626	2.223	0.687	2.363	0.822
10	28	2.277	0.643	2.420	0.764	2.053	0.823
11	1	2.013	0.807	2.300	1.063	2.584	1.337
11	2	1.612	0.621	1.992	0.815	2.491	0.861
11	3	2.334	0.733	2.596	0.891	3.437	1.103
11	4	1.637	0.729	1.989	0.868	2.463	1.067
11	5	1.647	0.592	1.850	0.537	2.274	0.947
11	6	2.590	0.714	3.852	0.926	3.207	1.023
11	7	1.720	0.745	1.871	0.797	2.330	0.997
11	8	1.956	0.627	2.168	0.855	2.543	1.099
11	9	2.356	0.845	2.482	1.049	2.824	1.226
11	10	2.133	0.733	2.563	0.916	2.957	1.113
11	11	2.427	0.688	3.115	0.897	3.405	1.070
11	12	2.911	0.666	3.107	0.848	3.459	1.009
11	13	1.887	0.656	2.240	0.811	2.661	0.958
11	14	1.861	0.692	2.358	0.867	2.834	1.012
11	15	2.321	0.785	2.883	0.996	3.629	1.200
11	16	1.291	0.541	1.807	0.773	1.961	0.936
11	17	1.366	0.599	2.012	0.861	2.248	1.115
11	18	2.090	0.674	2.647	0.894	3.076	1.132
11	19	1.332	0.585	1.787	0.837	2.250	1.080
11	20	2.747	0.569	3.402	0.844	3.856	1.066
11	21	1.697	0.601	1.993	0.818	2.231	1.083
11	22	1.493	0.613	2.108	0.900	2.252	1.011
11	23	1.930	0.586	2.536	0.845	2.871	1.074

Average Daily Water Intake L/Pig and Average Daily Feed Intake Kg/Pig							
Exp	Pen	WI21-28	ADFI21-28	WI28-35	ADFI28-35	WI35-42	ADFI35-42
11	24	1.602	0.639	1.993	0.841	2.350	1.046
11	25	2.247	0.672	2.940	0.943	3.337	1.128
11	26	2.320	0.694	2.660	0.900	3.357	1.131
11	27	2.184	0.723	2.680	0.941	2.703	1.088
11	28	1.880	0.654	1.915	0.866	2.306	1.105

VITA

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Master of Science

Thesis: PREDICTION OF DAILY WATER INTAKE OF PIGS DURING A 41 DAY
NURSERY PHASE

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