

Carthage Swine Conference 2024
Built with Grit

Use of non-typical ingredients in swine diets

Wayne Cast

“If you are **willing to do something
your neighbor won’t do,
or you are **able to do** something
your neighbor can’t do,
there is **usually** some money to be
made.”**

Marvin



**“The questions stay
the same every year;
just the answers are
different.”**

Ernie Peo

We want to answer

every year:

How to grow a pig **cost**

effectively?

The pig needs **nutrients**, which can come from a **variety of sources**.

Ingredients other than corn-SBM-DDGS may offer **opportunities**.

If you were buying a car you would want to know the make, model, year, mileage, condition, and if it had been wrecked.

**When offered an ingredient,
you would want to know
some things too...**

Questions to Ask

- **Country of origin**
 - **Before ASF we wouldn't have asked this question**
 - www.aphis.usda.gov
 - woah.org
 - www.pigprogress.net
 - **Poland**
 - **6 months**

Questions to Ask

- **Why is it available?**
 - **Outdated**
 - **Got wet**
 - **Metal shards**
 - **Seal on trailer broke**
 - **Didn't wash trailer after previous load**

Questions to Ask

- **Ball park price**
 - **Can save you a lot of time**
- **Product quantity**
 - **One time or continuous**
 - **How many tons**

Questions to Ask

- **Packaging**
 - **Bagged (5 or 50 or 55 lbs) / pallets?**
 - **Totes**
 - **Bulk**

Questions to Ask

- **Handling characteristics**
 - **Will it flow?**



Questions to Ask

- **Handling characteristics**
 - **Does it need to be ground?**



Questions to Ask

- **A picture is worth a thousand words**
- **Offered as a bit dark**



Questions to Ask

- **Nutritional information**
- **What nutrients do we need?**
 - **Moisture, protein, fat, fiber, ash, sodium, calcium, phosphorus, amino acids.**
 - **They likely won't have this information.**
 - **How do you get them?**

Questions to Ask

- **Nutritional information**
 - Ask for **any analysis** on the product
 - **Specification sheet**
 - If it is a packaged pet product:
 - **Guaranteed analysis**
 - **Ingredient list**

Questions to Ask

- **Nutritional information**
 - **If it is a packaged human product:**
 - **Labels/nutritional fact**
 - **Ingredient list**
 - **Be cautious using calories off the label**
 - **They can be too high**
 - **Calculate your energy from equations in NRC**

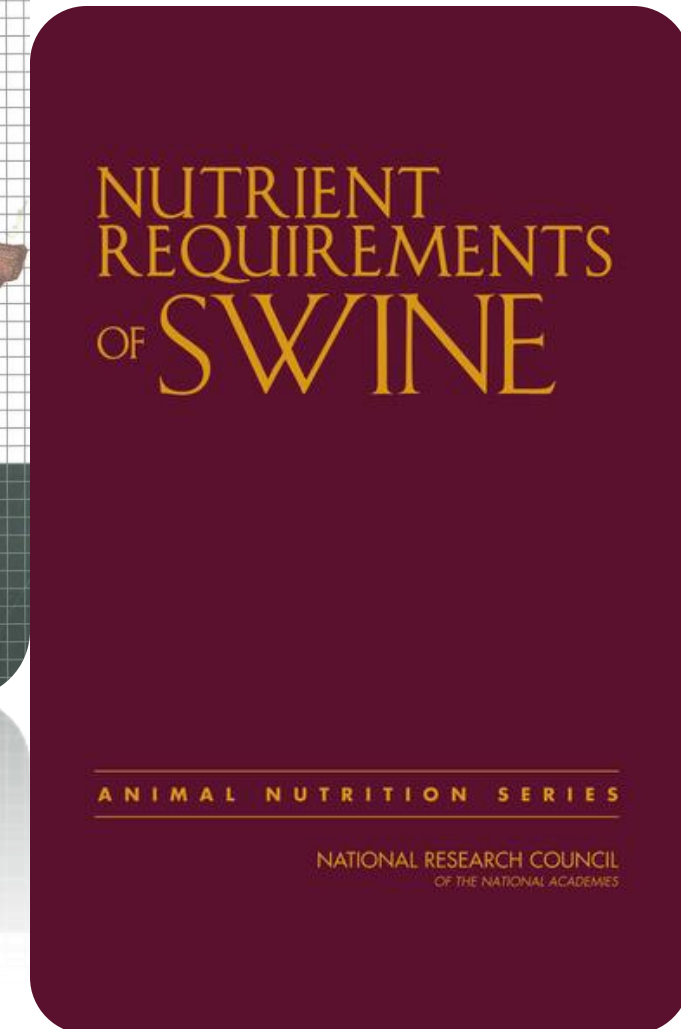
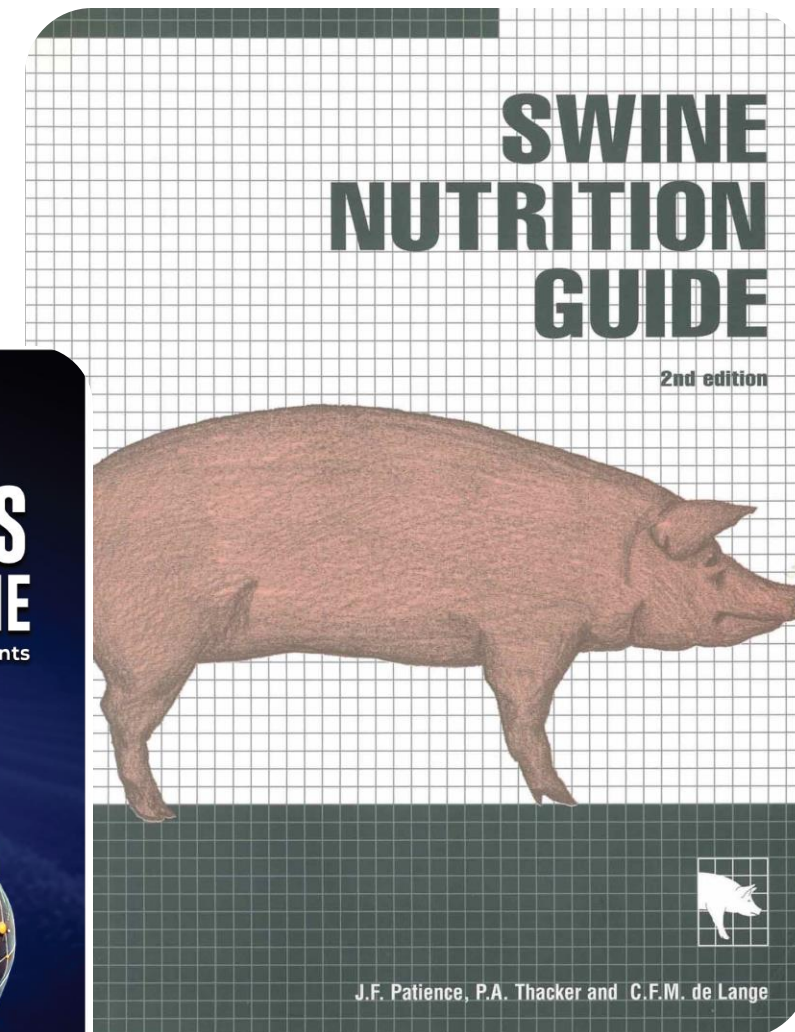
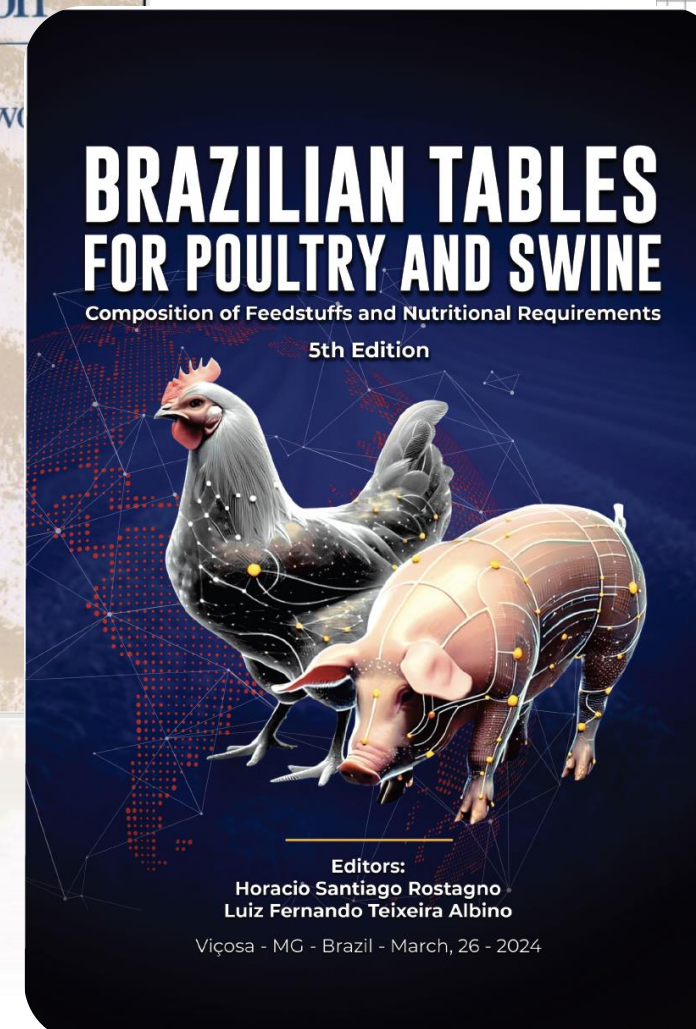
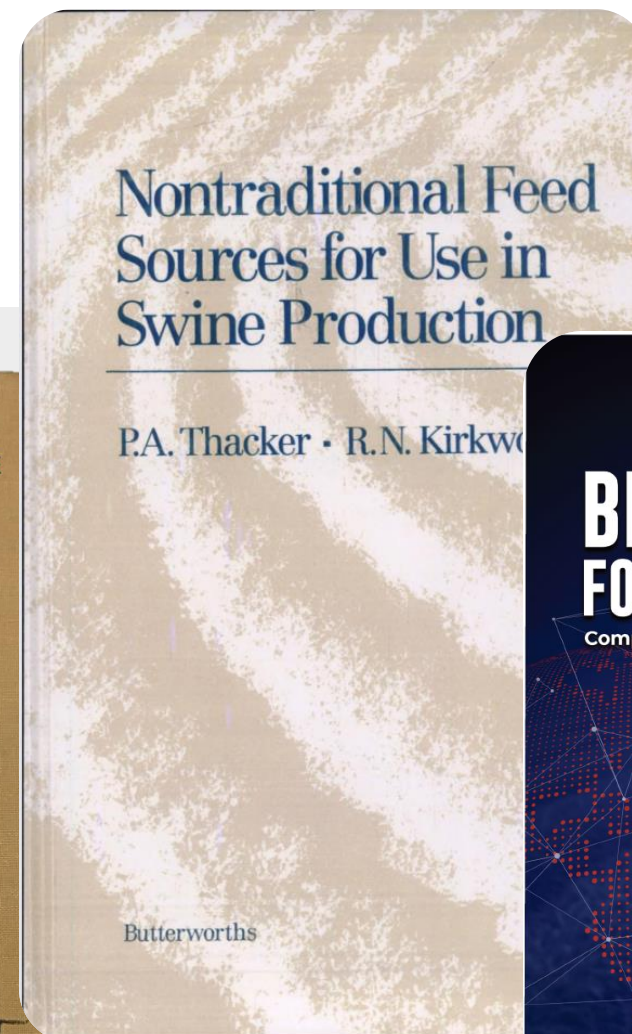
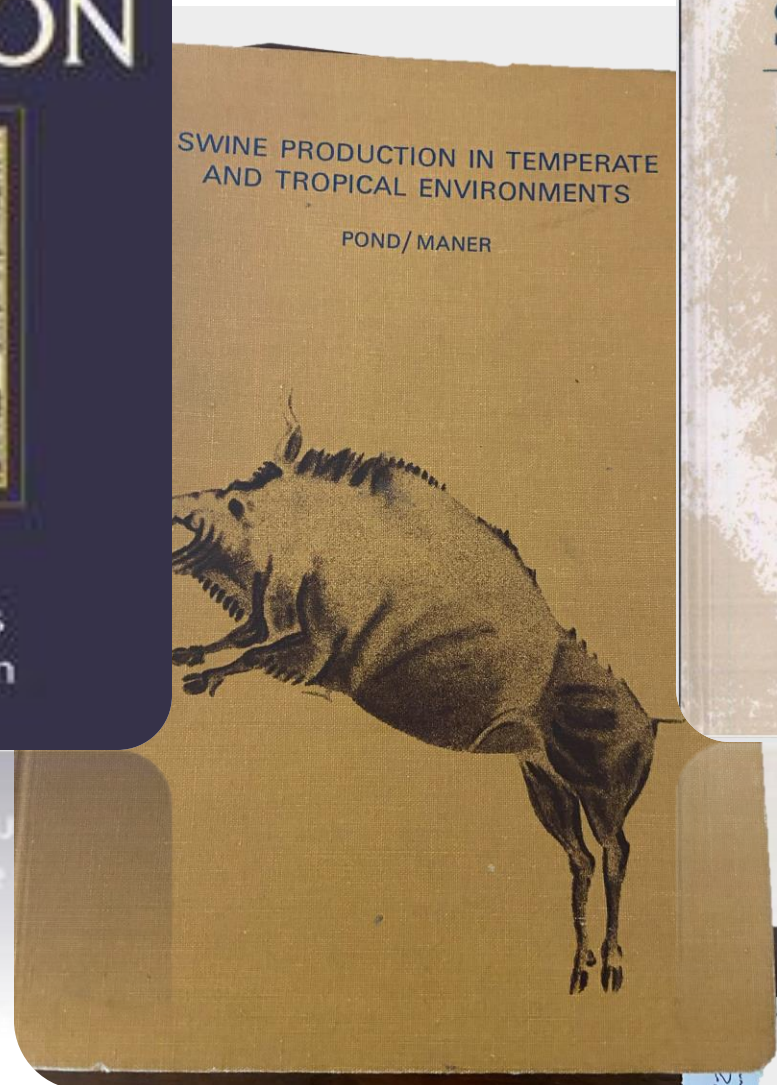
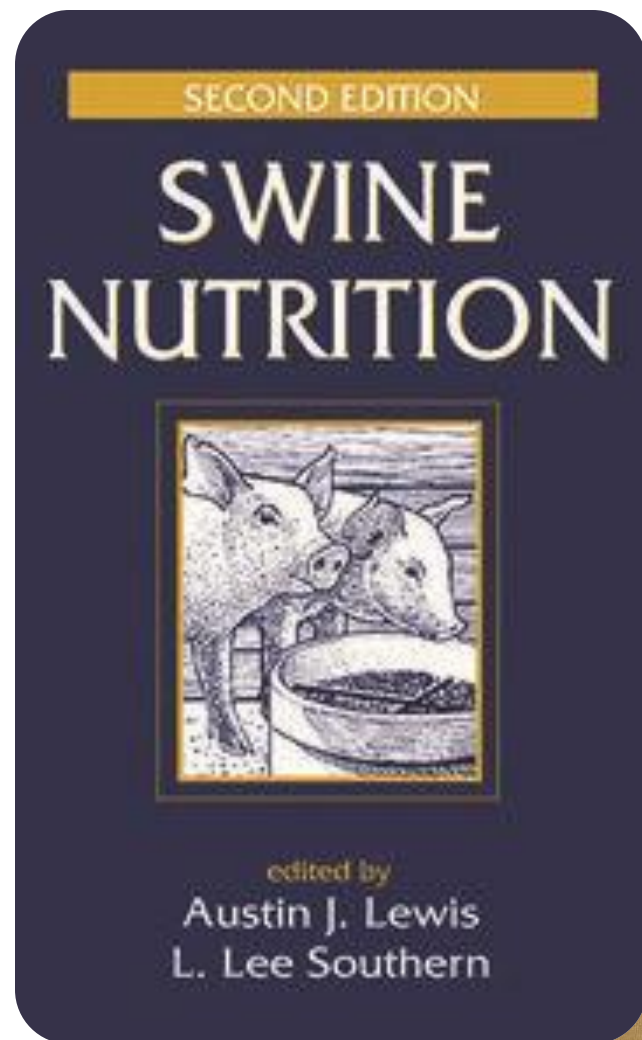
Make a List of Questions:

- To fit your operation
 - Put it someplace handy (for example, your phone)

Other ways to get the needed nutritional information

- **FoodData Central - USDA:** fdc.nal.usda.gov
- **Feedipedia.org**

Other ways to get the needed nutritional information

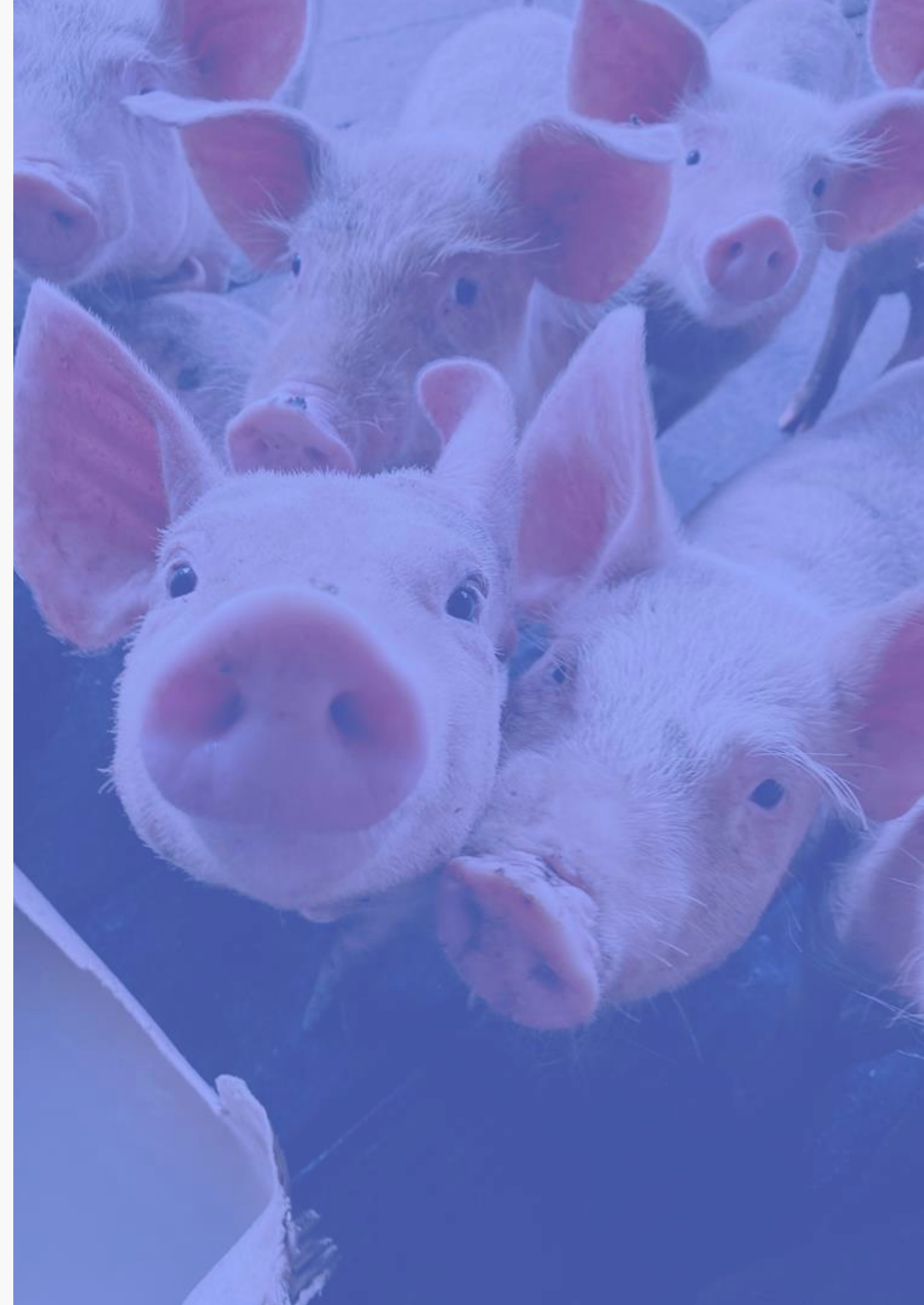


“Two heads are better than one, even if one is a head of cabbage.”

Wayne Maschhoff

**It is ok not to know.
It is **not ok** not to try to
find out.**

Wayne R Cast



BOOKER T. WHATLEY'S
Handbook On

How To Make
\$100,000
Farming
25 Acres

By Booker T. Whatley

and the Editors of **New Farm**

Be aware

- An **ingredient** can have **different values** depending on the **diet it is offered to.**
- To determine the value, you want to offer it to more than one formula.
 - **Grower vs Finisher vs Sow**

Be aware

- **If it is an ingredient that you will be using for an extended period, you may want to do your own analysis:**
 - **Proximate analysis: 2 weeks**
 - **Amino acids: 4 weeks**
 - **Amino acid digestibility: months (Parson's roosters)**

Knowledge is knowing something. **Wisdom** is putting what you know to use. Using wisdom to help others is **noble**.

Is the juice worth the squeezing?

- **Each producer/nutritionist needs to determine their own risk/reward threshold on each alternative ingredient.**

**“Nobody is mad at
money.”**

John Kramer