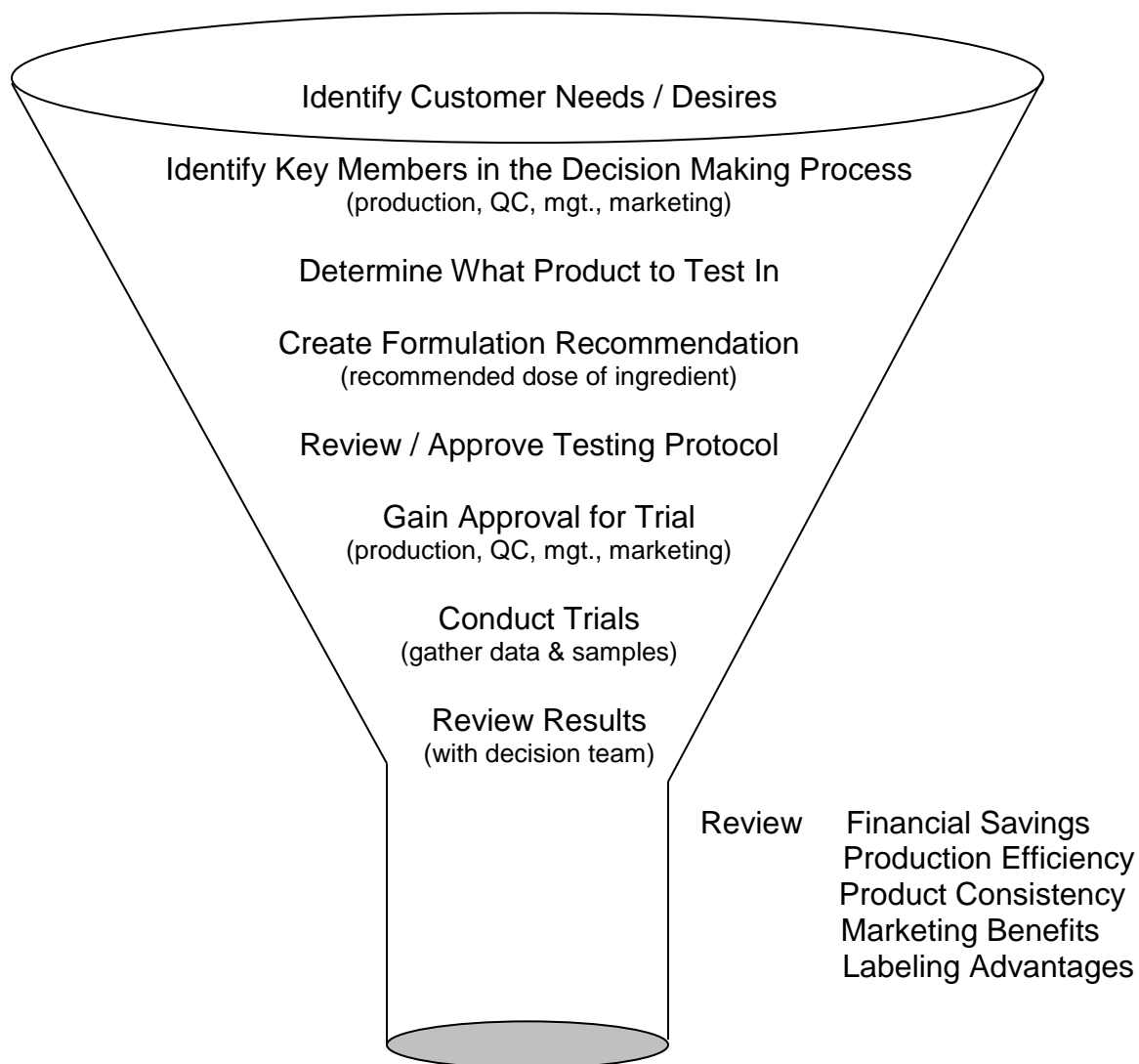


## **OVERVIEW of RIBUS' Ingredient Testing Procedure**



**Reach an Informed Business Decision**



## How to Conduct Extrusion Trials with Nu-RICE®

In an effort to minimize the time required on your part, minimize the frustration, maximize the results and gathering of data, RIBUS has developed this package to best evaluate the use of Nu-RICE.

### Objectives:

1. Present Good understand of the product benefits.
2. Properly demonstrate Nu-RICE in local factory to Production, Quality Control and the Business group (Management, Marketing, Purchasing).
3. Gain data and observations on how the product will work locally.
4. Provide the potential customer with information and samples to make an informed purchase decision.

### Procedure:

1. Determine the product to be made, the formulation and use rate.
2. Dry blend the Nu-RICE with other grains (for 10 minutes to ensure uniform mixing).
3. Add water to the grain (or in the barrel of the extruder if required).
4. Process as normal.
5. Collect samples and data on Control and Trials.

### Observations:

1. Complete the Testing Forms (for Control and Trials).
2. Note Equipment Indicators (amps, rpm, temperatures, etc.).
3. Note Product Characteristics (shape, cell structure, bite, surface, etc.).
4. Note Operator Comments (easy startup, smoother running, etc.).
5. Complete Analytical Information (bulk density, moisture, etc)

### Actions:

1. Return Samples and Testing Forms to Agent / RIBUS for analysis.
2. Determine the impact of Nu-RICE on Cost Reduction and Product Consistency (quality characteristics).
3. Review findings with proper authorities (Production, Mgt., QC, Purchasing)
4. Implement larger / longer trials to confirm data (if needed).
5. Begin commercial production with Nu-RICE

At any point in the process, if questions arise, contact RIBUS for support and information. The proper business decisions can only be made with good communication and accurate data. If RIBUS needs to sign a Confidentiality Agreement, that is not a problem.

### TO BE COMPLETED BY CCM

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### Pre-Testing Worksheet

Salesman / Agent: \_\_\_\_\_

RIBUS Product: \_\_\_\_\_

Date: \_\_\_\_\_

Company: \_\_\_\_\_

Location: \_\_\_\_\_

Contacts / Decision Makers:      Name      Phone      e-mail

Production

Q / C

Management

Marketing

\_\_\_\_\_

Customer Needs / Desires:

Recommended product in which to test: / why

Recommended Formulation:

Testing Objectives:

- 1.
- 2.
- 3.

Comments / Approval of Test Protocol and Objectives:

	Name	Date	Comments
Production	_____	_____	_____
Q / C	_____	_____	_____
Management	_____	_____	_____
Marketing	_____	_____	_____
_____	_____	_____	_____

TO BE COMPLETED BY RIBUS, Inc.



### Testing Protocol

Salesman / Agent: \_\_\_\_\_

RIBUS Product: \_\_\_\_\_

Date: \_\_\_\_\_

People Involved:

Operator: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Q / C: \_\_\_\_\_

\_\_\_\_\_ : \_\_\_\_\_

\_\_\_\_\_ : \_\_\_\_\_

Product being made: \_\_\_\_\_

Testing Objectives:

Formulation:

Procedure:

Anticipated Observations:

Data Sheets (attached):

Machinery Data

Product Data

Operator Notes

Actual Observations: (expected and unexpected)



## Results Analysis

Salesman/Agent:

RIBUS Product:

Date:

Company:

Location:

Product Produced:\_\_\_\_\_

Testing Objectives:

Formulation:

Results Summary:

Machinery

Product

Operator

Business Consideration Data: