

PrimusLabs.com

Tailored Quality Assurance Service (TQAS)

- A computerized quality database designed around a client's specific requirements
- Ongoing system support, maintenance and program editing after implementation.

Tailored Quality Assurance Service (TQAS)

- **Why have a formal QA System?**
 - Prevents rejections.
 - Gives buyer confidence.
 - Prevents consumer complaints.
 - Enhances company and brand image.
 - Increases efficiencies and reduces costs.
 - Maintain and/or improve product and process consistency.
 - Maintain and/or improve product quality.

Tailored Quality Assurance Service (TQAS)

- **Why have a computerized QA System?**
 - Reduces paperwork.
 - PDA's can even eliminate paperwork.
 - Allows easy access to data.
 - Allows easy transfer of data.
 - Allows easy analysis of data e.g. averages, year on year changes.
 - Increases staff efficiencies thereby reducing costs.

Tailored Quality Assurance Service (TQAS)

- **Why have a “tailored” QA System?**
 - Every company has its own quality philosophy.
 - Quality is a competitive issue.
 - Quality is dynamic and market driven, so the QA system has to be adaptive.
 - Off the shelf systems are rigid, high up front charges and often have expensive program editing charges if changes are needed after implementation.

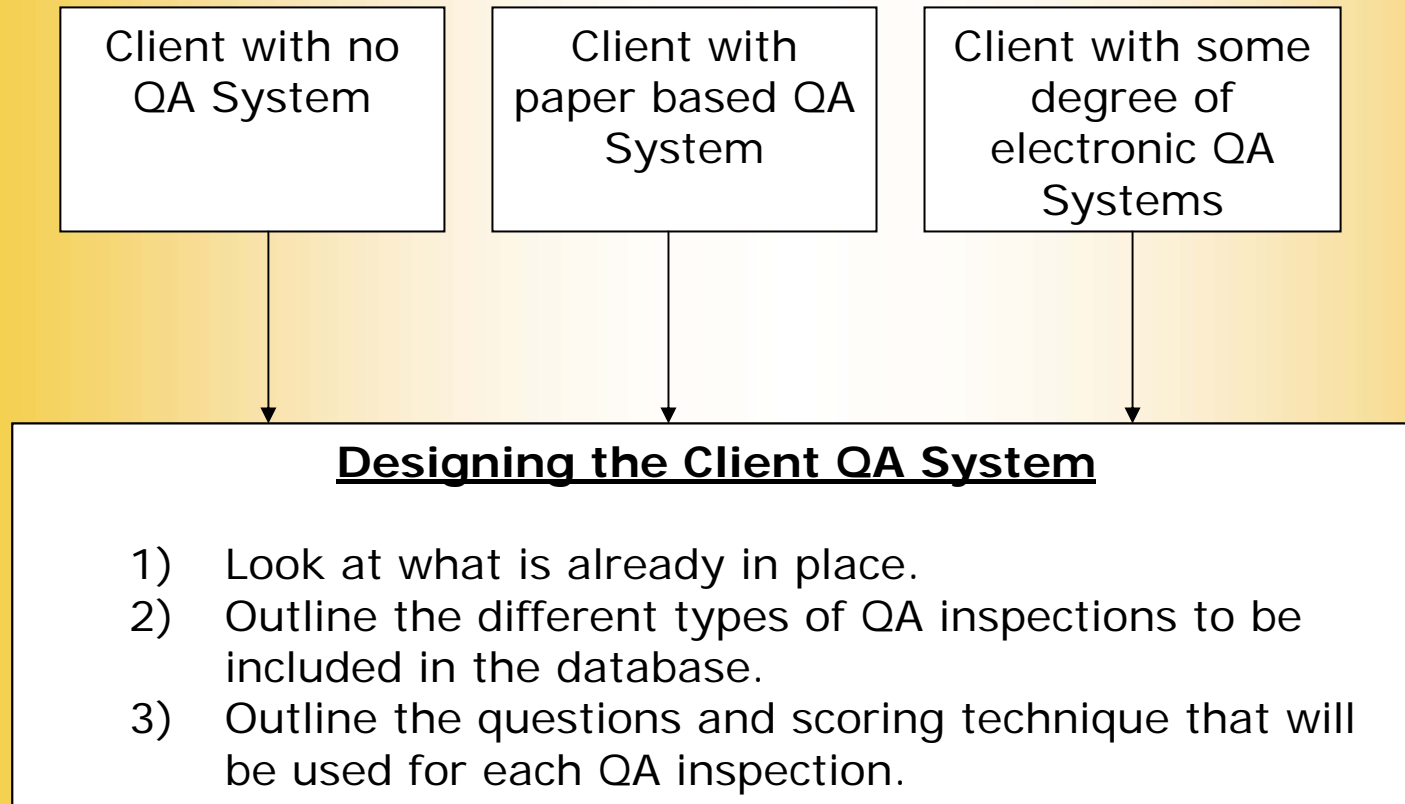
Tailored Quality Assurance Service (TQAS)

- **Why choose PrimusLabs.com?**
 - Proven IT solution track record with major food industry clients.
 - In-house IT programming, support, and data servers.
 - Bilingual pre and post implementation technical support.
 - Competitive and innovative pricing system (combines system development, implementation and maintenance costs).



Tailored Quality Assurance Service (TQAS)

- **QA System Design (3 routes)**

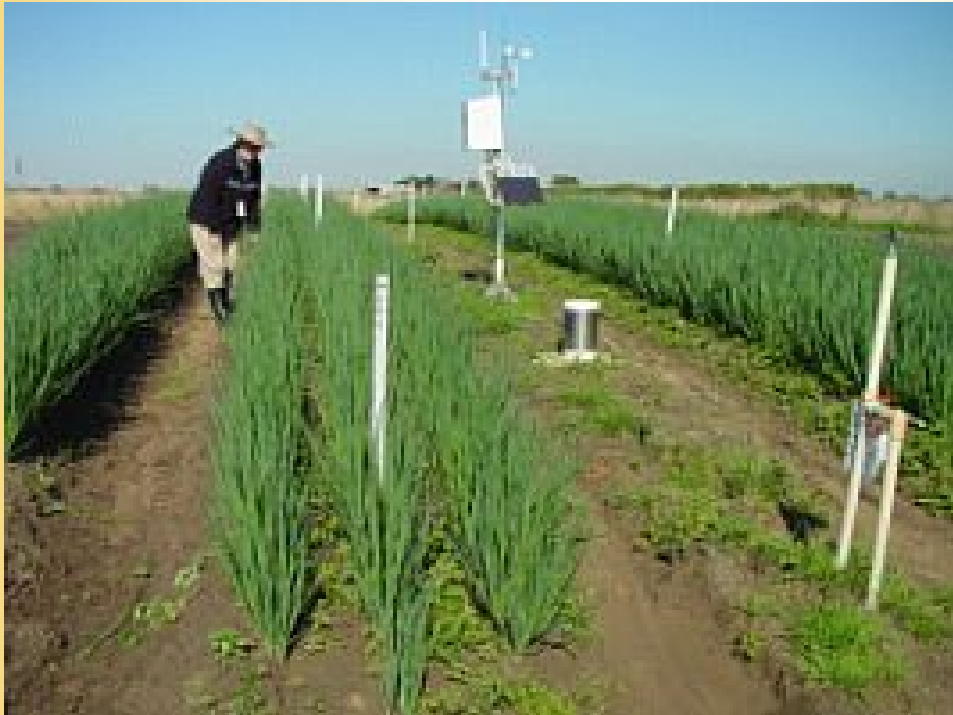


Tailored Quality Assurance Service (TQAS)

- **Inspection examples :-**
 - Quality (incoming raw materials, finished product, shelf life etc.)
 - Process controls (weight checks, label check, temperature checks etc.)
 - Rejection, on hold, corrective action records.
 - **Any record that is on paper can be adapted for electronic recording – these might not be quality records e.g. use of an anti-microbial strength testing, pH, etc.**

Tailored Quality Assurance Service (TQAS)

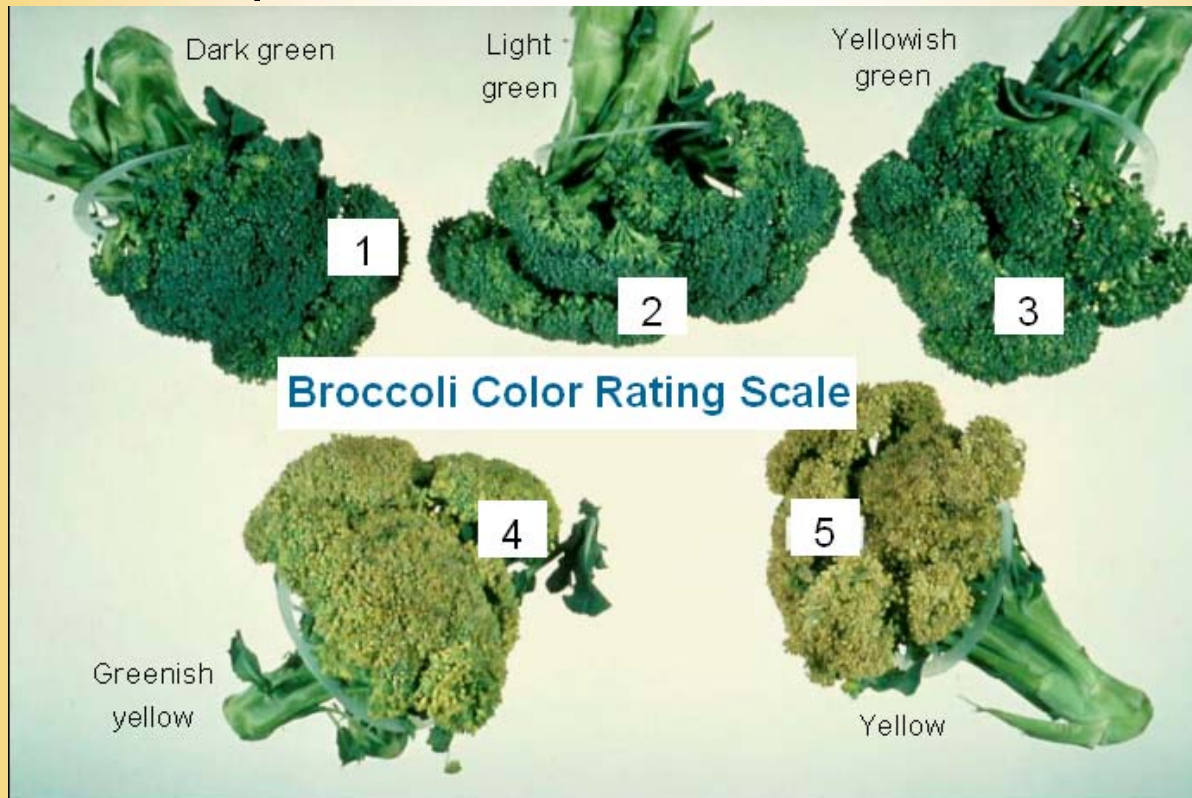
- **Inspection examples :-**
 - Inspection is not just in the factory.....



Tailored Quality Assurance Service (TQAS)

- **Inspection examples :-**

- PrimusLabs.com can assist in the creation of product specifications :-



Tailored Quality Assurance Service (TQAS)

- **QA Data Entry Design & Hardware I**
 - Optimum design to allow use of PDA's, laptops, tablet PC's and aim for the paperless system.
 - PDA's not practical? Then workstations in the production area might be the solution.
 - Still attached to paper?
Then a paper record design that can easily transferred into an computer will still allow for data storage, transmission and analysis.



Tailored Quality Assurance Service (TQAS)

- **QA Data Entry Design & Hardware II**

PDA's can be used for quality or food safety data entry....



Tailored Quality Assurance Service (TQAS)

- **QA Data Entry Design & Hardware III**

A photo can speak a million words. PDA's pictures can be loaded onto the database as well.



Tailored Quality Assurance Service (TQAS)

- **QA Data Entry Design & Hardware IV**
 - PDA's can be linked to GPS readers....great for noting where inspections or sampling occurred.



Tailored Quality Assurance Service (TQAS)

- **QA Data Entry Design & Hardware V**
 - Click on PDA to see movie....



Tailored Quality Assurance Service (TQAS)

• QA Data Analysis and Display I

Sample Size

Length:	20	cm	Excellent Grading.
Diameter:	10	mm	Varied from 8 to 12 mm, within tol.
Length of white:	8	cm	All > 25% of length
Number in bunch:	6		As per spec.
Average bunch weight:	100	g	

Condition Attributes

Color:	4	Good	No yellowing.
Trimming:	4	Good	Very neat.
Decay:	4	Good	None seen
Wilting:	4	Good	

Packaging

Band Placement:	2	Poor	Some Bands not positioned properly
Band Color:	Purple		As per order with PLU
PLU:	572		
Bunch Orientation:	4	Good	
Box Condition:	4	Good	No dirt or damage

Overall Score:	4	Good
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Accept or Reject: ACCEPTED

Tailored Quality Assurance Service (TQAS)

• QA Data Analysis and Display II

DATA EXAMPLE - FICTITIOUS NAMES AND DATA

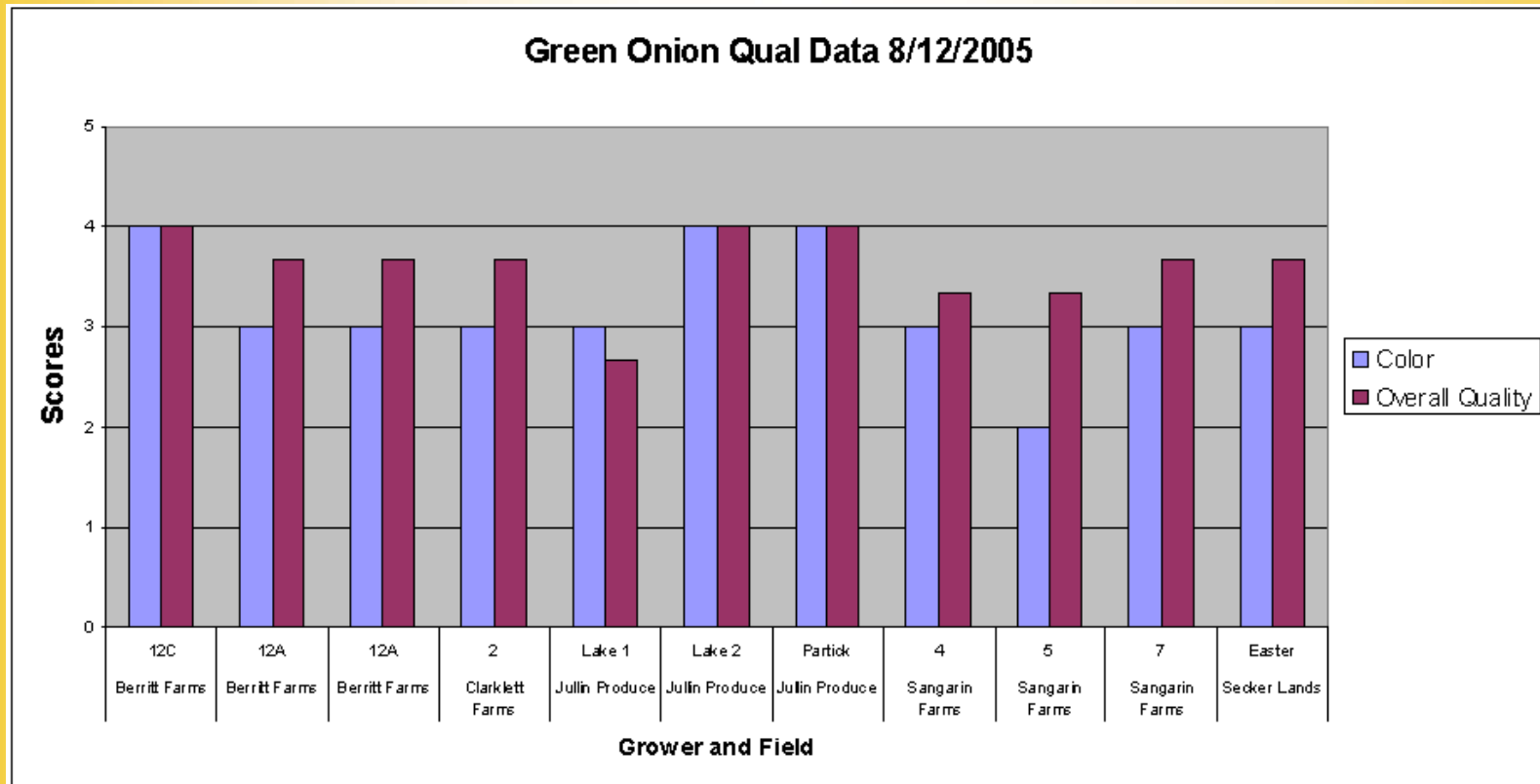
Inspection Type: w Material Receipt

Growers: All **Blocks:** All
Commodity: Green Onion **Variety:** Lisbon **Size Grade:** Small
Start Date: 8/12/2005 **Finish:** 8/12/2005

Grower	Field	Variety	Color		Sample Av. Dia. (mm)	Length (cm) ex roots	Trimming		Decay		Overall Quality
			Good	4			Good	4	Good	4	
Berritt Farms	12C	Lisbon	Good	4	10	20	Good	4	Good	4	4.0
Berritt Farms	12A	Lisbon	OK	3	9	20	Good	4	Good	4	3.7
Berritt Farms	12A	Lisbon	OK	3	10	20	Good	4	Good	4	3.7
Clarklett Farms	2	Lisbon	OK	3	8	20	Good	4	Good	4	3.7
Jullin Produce	Lake 1	Lisbon	OK	3	8	20	Good	4	Reject	1	2.7
Jullin Produce	Lake 2	Lisbon	Good	4	9	20	Good	4	Good	4	4.0
Jullin Produce	Patrick	Lisbon	Good	4	8	20	Good	4	Good	4	4.0
Sangarin Farms	4	Lisbon	OK	3	8	20	OK	3	Good	4	3.3
Sangarin Farms	5	Lisbon	Poor	2	8	20	Good	4	Good	4	3.3
Sangarin Farms	7	Lisbon	OK	3	8	20	Good	4	Good	4	3.7
Secker Lands	Easter	Lisbon	Ok	3	8	20	Good	4	Good	4	3.7
Parameter Averages:				3.2	8.5	20.0		3.9		3.7	3.6

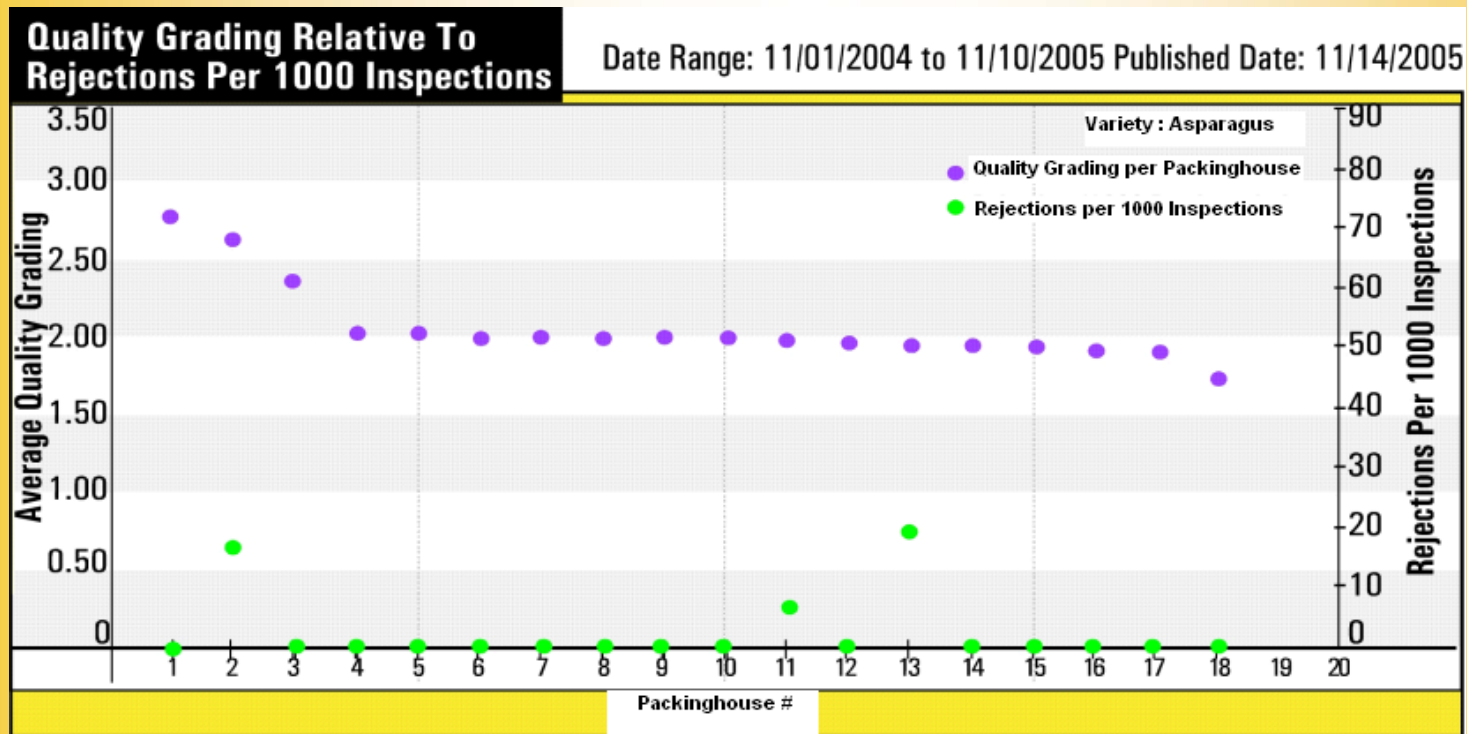
Tailored Quality Assurance Service (TQAS)

- QA Data Analysis and Display III



Tailored Quality Assurance Service (TQAS)

- **QA Data Analysis and Display IV**
 - Example of a free hand chart.....



Tailored Quality Assurance Service (TQAS)

- **PrimusLabs.com Technical Support**
 - In-house programmers for databases and websites.
 - Information Services Support. Immediate assistance user issues.
 - Support from field and food facility specialists, able to help with choosing parameters, measuring systems, data analysis and display choices.

Tailored Quality Assurance Service (TQAS)

- **PrimusLabs.com TQAS Contracts**

- There are usually huge costs involved in implementing computerized QA Systems.
- The PrimusLabs.com approach in order to minimize cost and maximize benefit, is to have an ongoing charge; the more you use the program, the cheaper the charge.
- The ongoing charge covers the after sales maintenance support.
- A minimum contract period of 6 months is usually required.

Tailored Quality Assurance Service (TQAS)

- **How to start?**

- *PrimusLabs.com will be happy to help create the documents below, if they do not already exist!*
 - Process Flow Charts.
 - Product Specification(s)
 - Product Quality Assurance (Attribute) Recording Sheets

Tailored Quality Assurance Service (TQAS)

• ***TQAS – THE QA SYSTEM SOLUTION***

- *TQAS – a service **partnership**; you will not be buying an off the shelf product.*
- *The ongoing contract means that PrimusLabs.com has to help make the program work. NO SELL & FORGET ATTITUDE.*
- *TQAS can help improve quality, reduce costs and enhance the brand – it is as simple as that.*

THANK YOU!