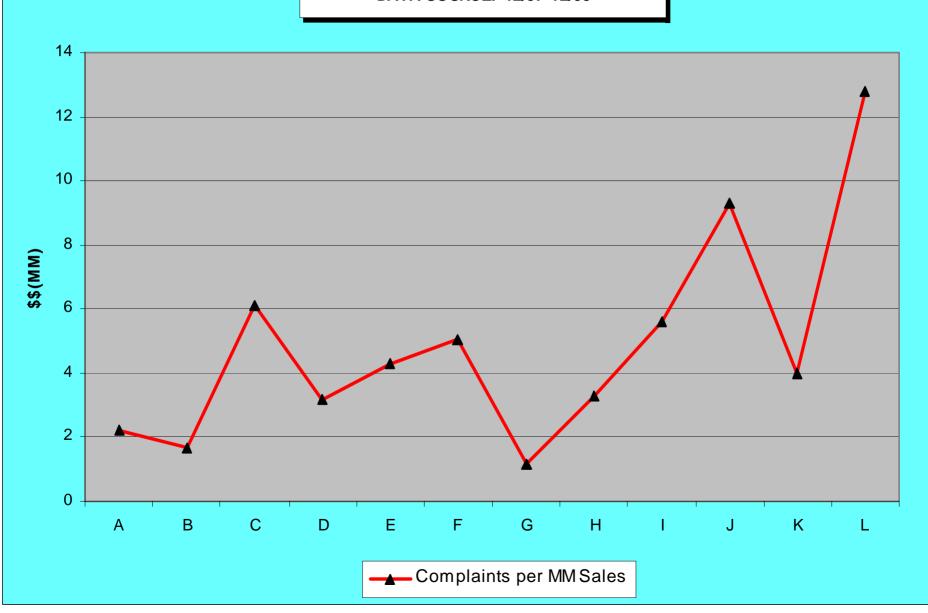
Pest Management in the Retail Environment

Kim Kemp
Manager, Food Safety
Ralston Purina
St. Louis, MO 63164

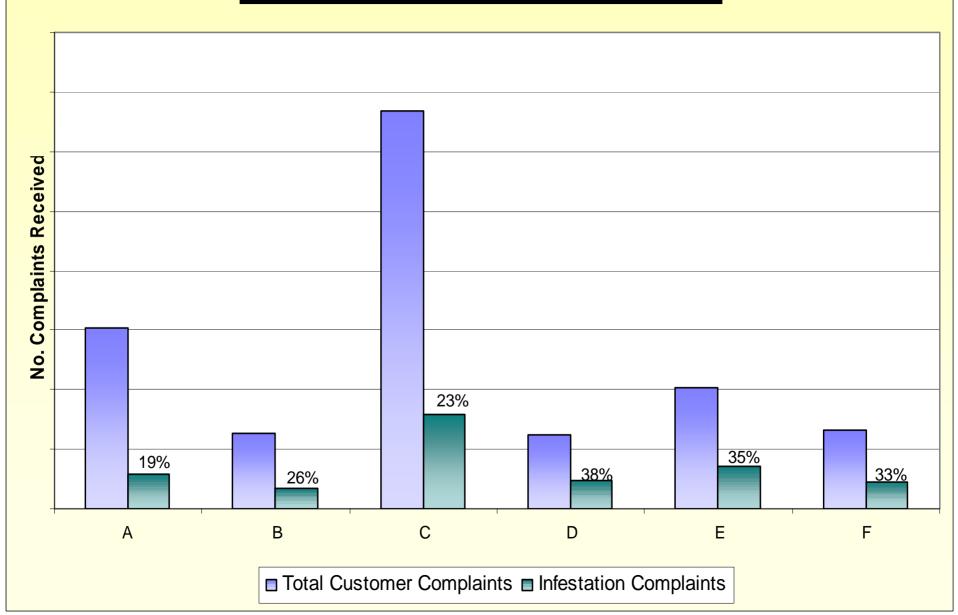
CONFIDENTIAL

Infestation Complaints Per MM Purchased DATA SOURCE: 12/97-12/98



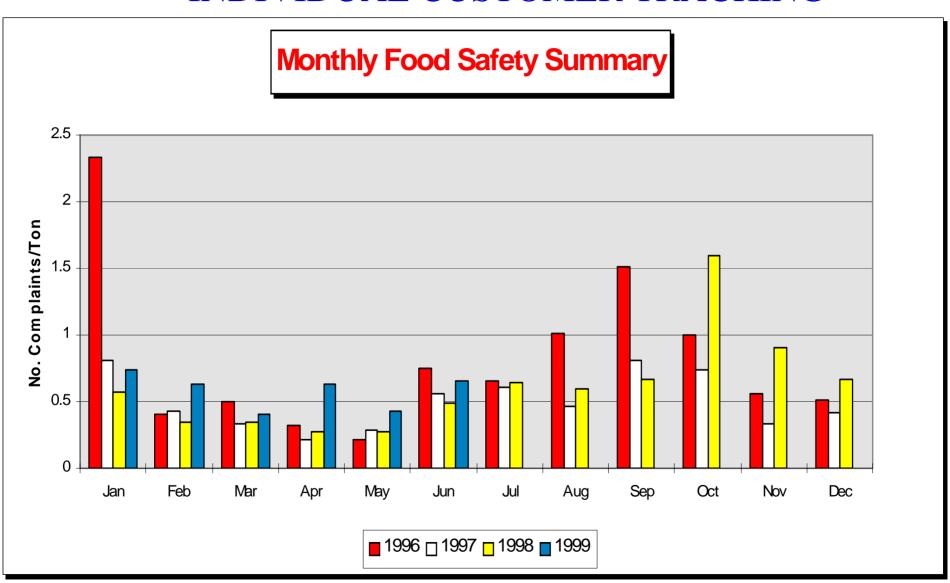
For every customer that complains, 26 remain silent





It costs five times more to win a new customer than to retain one

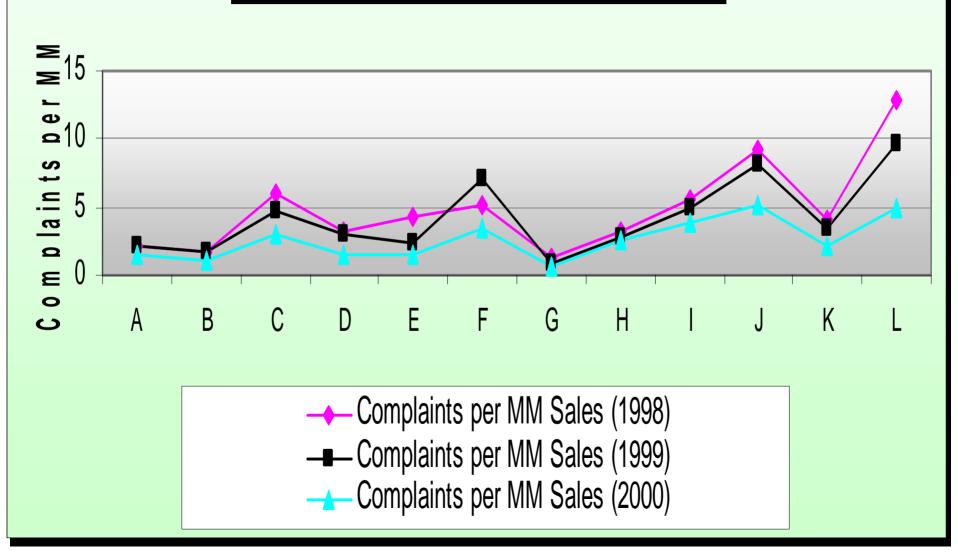
INDIVIDUAL CUSTOMER TRACKING



Word-of-mouth advertising equals 10-20 percent of total revenue

Satisfied customers tell an average of five people about their experience; dissatisfied customers tell 10 or more

Infestation Complaints per MM Purchased Three Year Comparison - 1998, 1999, 2000





RETAIL STORED PRODUCT PEST POCKET GUIDE

PEST IDENTIFICATION



Іннан Мға Моти

SAW-TOOTHED GRAIN BEETLE

RODENES ON EVIDENCE









RED/CONFUSED

DERMESTID BHHIIF

Ann

DEFINITIONS

Products Susceptible to Infestation: Any grain based food/pet food packaged in a bag, box, or bulk.

Eritical Control Areas: All pegboard, cracks & crevices, shelf tag strips, underneath bottom shelf or gondola, underside of all shelving, gondola caps and store displays.

Other Pests: Ants, roaches, flies, crickets.

Pest Identification















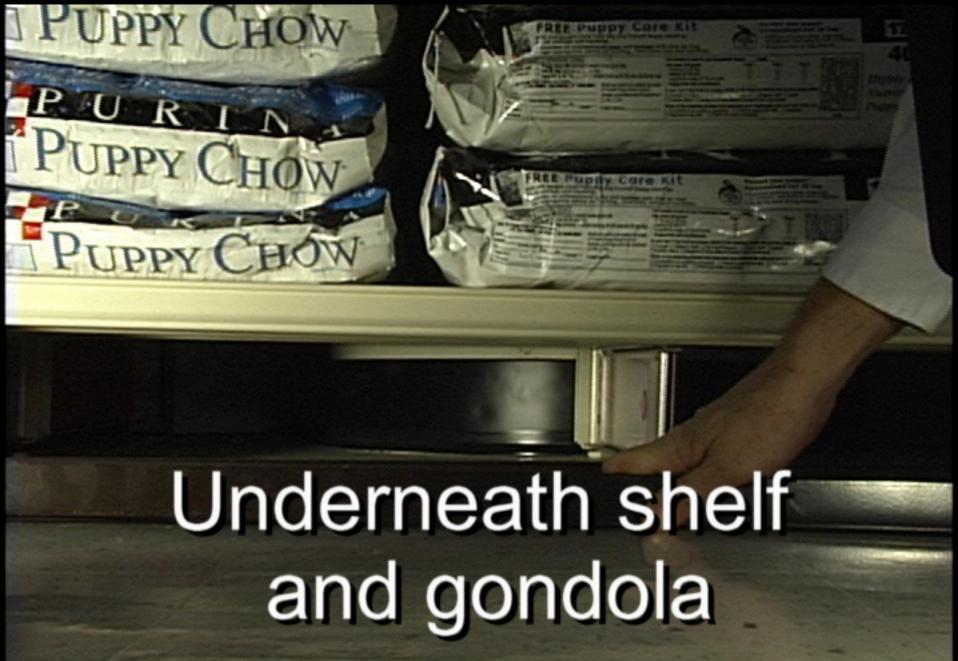
Definitions





















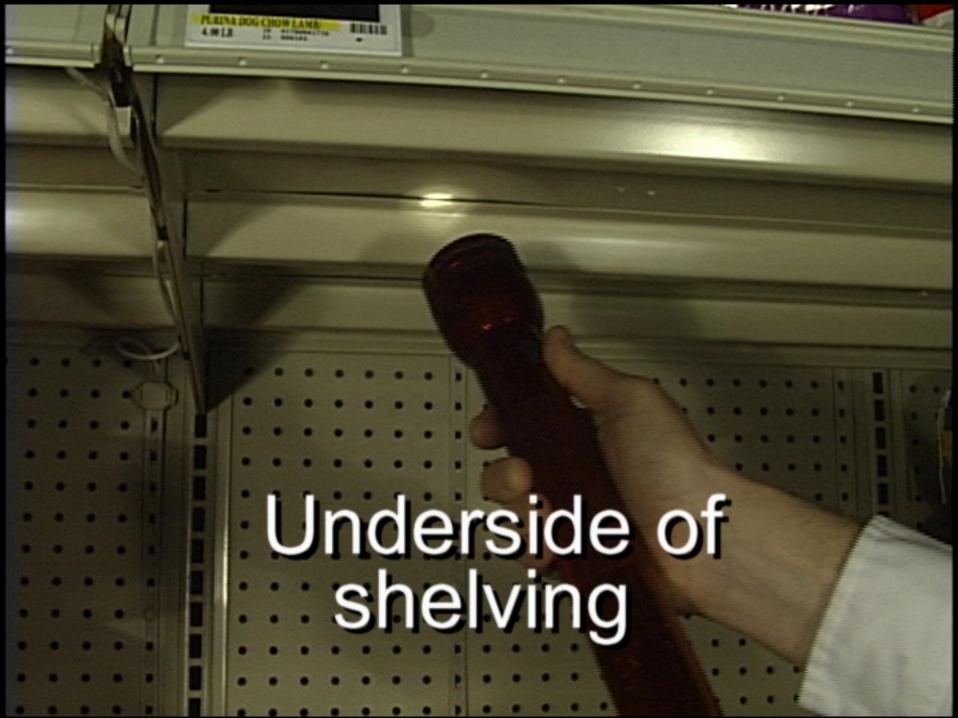














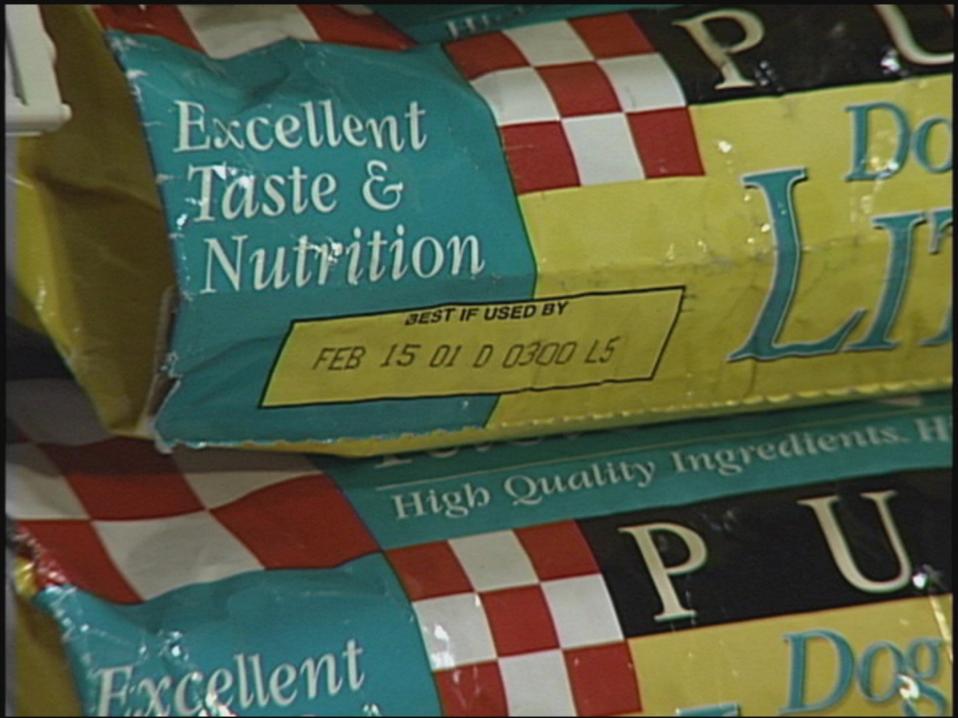


Gondola caps store displays

















Store Infestation Action Plan





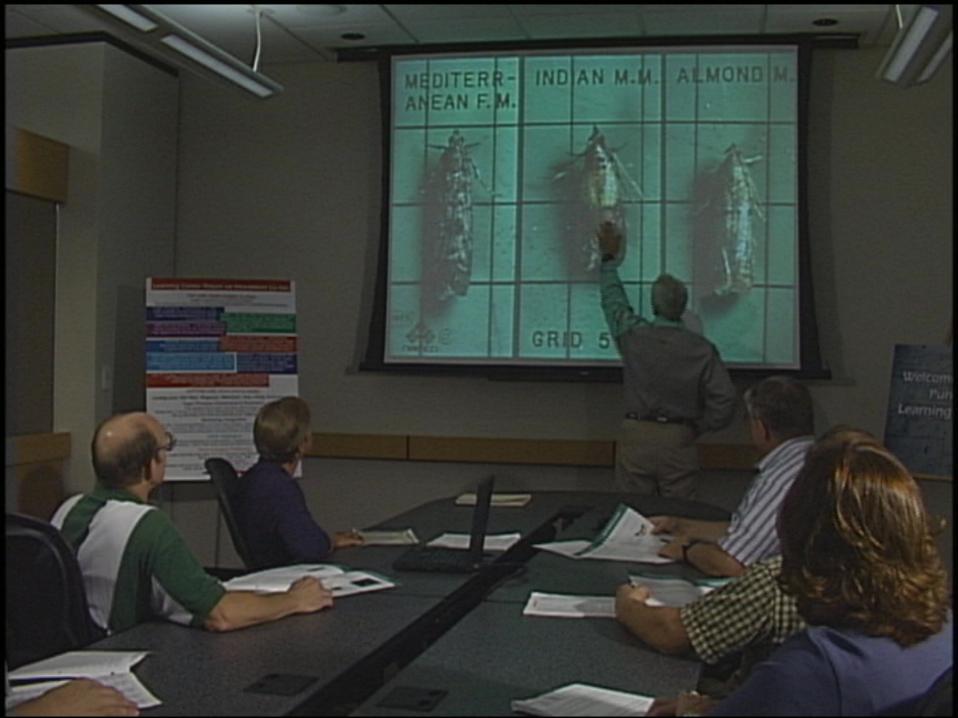












MAINTAINING THE INTEGRITY OF PET FOODS



Put Us To Good Use.





WHAT YOU SHOULD EXPECT FROM YOUR PEST CONTROL COMPANY

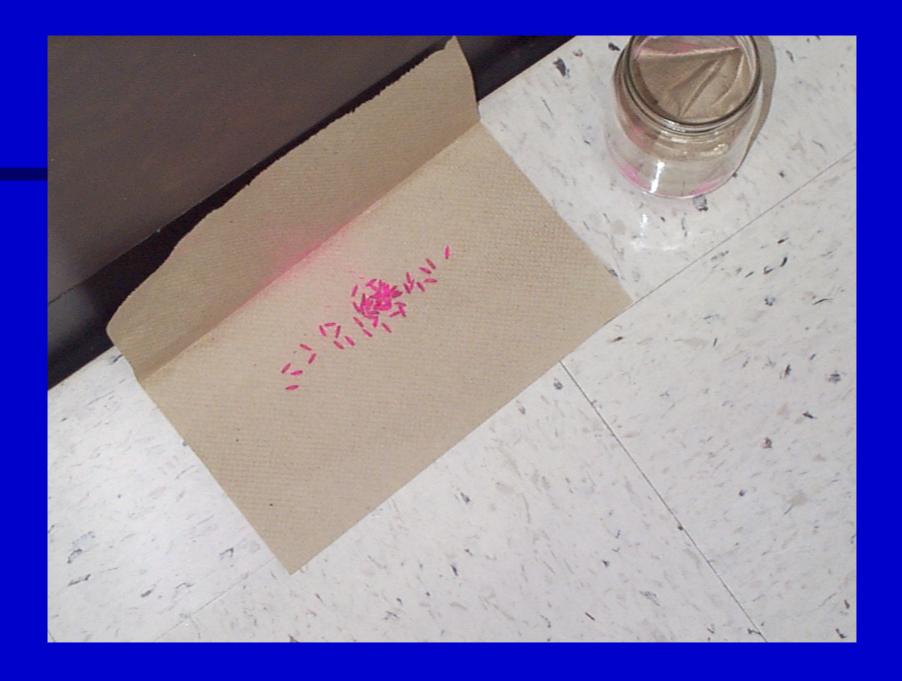
Sampling Number Trapping Period	I 1 week	II 1 week	III 1 week	IV 2 weeks
Weevils	404	361	510	929
Merchant Grain Beetle	59	57	71	110
Sawtooth Grain Beetle	27	6	16	20
Red Flour Beetle	91	94	161	685
Drug Store Beetle	3	4	2	8
Flat/Rusty Grain Beetle	37	12	34	60
Red-legged Ham Beetle	94	97	83	83
Indian Meal Moth	92	50	42	140
Other Species	8	5	14	29
Total	723	636	891	1924



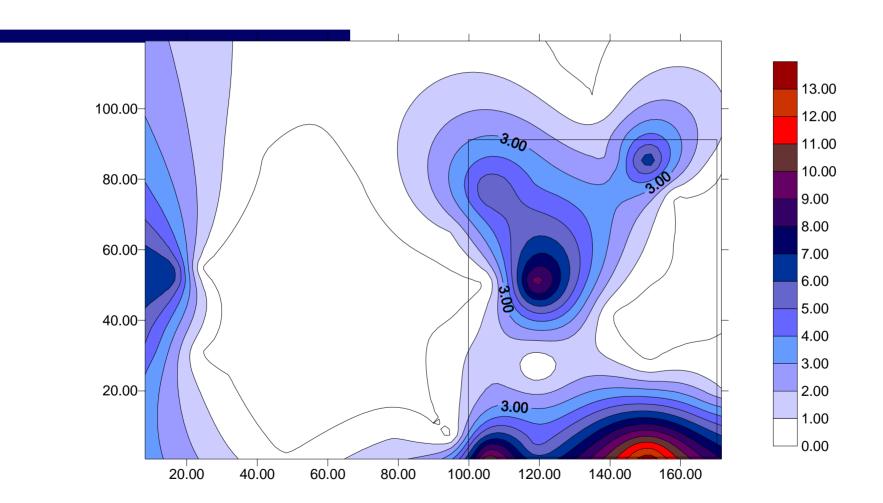
ALLURE® Insect Sex Pheromone Lure Number Inspection Dates Trup Number Date Placed Replacement Date











Trap catches of male Indianmeal moths at the Training Center, Ralston Purina, St. Louis

PARTNERSHIP

- FOOD SAFETY TRAINING MATERIALS MANUALS & VIDEOS
- ON-SITE INFESTATION IDENTIFICATIONS AND INSPECTION TRAINING
- CONDUCT GMP TYPE INSPECTIONS WITH YOUR FOOD SAFETY PERSON.
- ASSIST IN DEVELOPING APPROPRIATE CHECKLISTS FOR FOOD SAFETY PROGRAMS
- REVIEW AND UNDERSTANDING OF WHAT YOU SHOULD EXPECT FROM YOUR PEST CONTROL COMPANY
- REGIONAL ASSISTANCE FROM OUR FOOD SAFETY COORDINATORS



Ralston Purina Company

Food Safety Team