

Cotton Insecticide Seed Treatment Expectations

Rogers Leonard
Sebe Brown



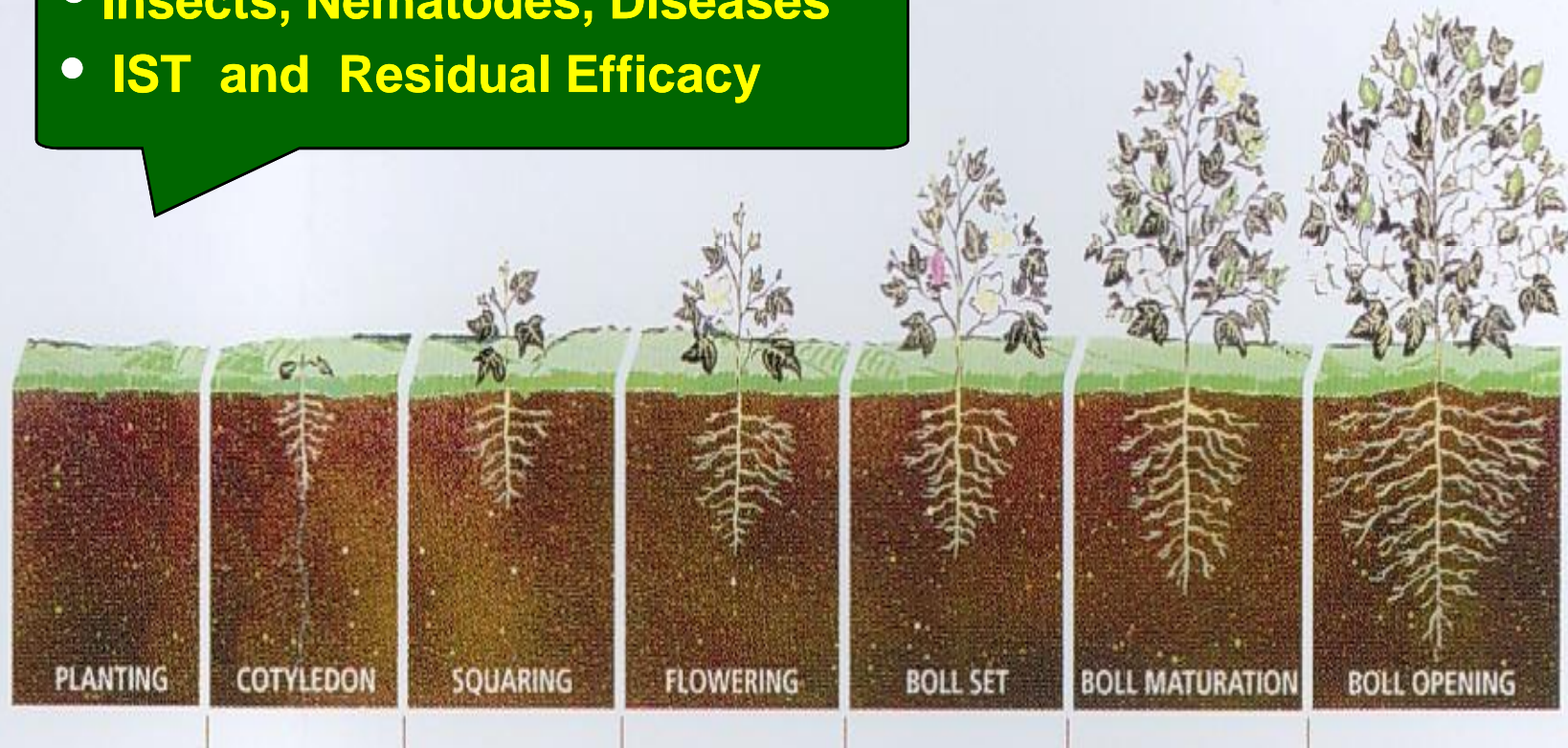
Introduction

- **Sebe Brown**
- **Native Texan**
- **Assistant Integrated Pest Management
Area Agent for Northeast Region**
- **MRRS (Scott Center)**
- **Cell: 318-498-1283**
- **Office: 318-435-2903**

Insecticide Use Strategies in LA

At- Planting (Preventative)

- Insects, Nematodes, Diseases
- IST and Residual Efficacy



Insecticide Seed Treatments

Attributes

- Neonicotinoid based
- Nerve toxin
- Systemic
- Provides limited early season protection

Big Three



Thiamethoxam

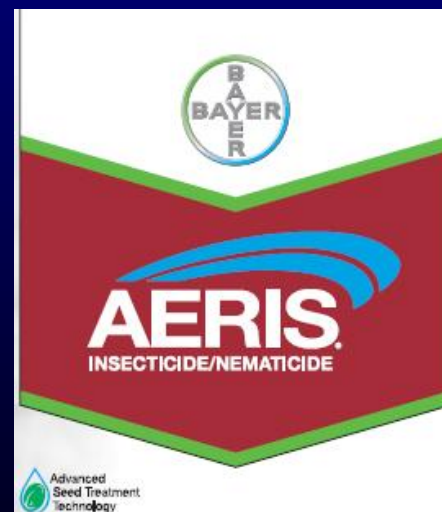


Imidacloprid



Clothianidin

Some Available IST Packages

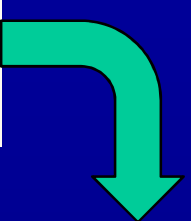
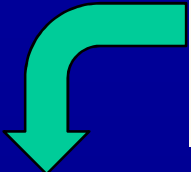
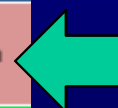
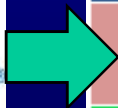


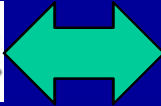


Extended Treatment Name and Active Ingredient	Activity	PhytoGen Treatments					"ACC" Avicta Complete Cotton
		"M" Base M	"MO" Base M + Orthene	"CRU" Cruiser	"CRD" Cruiser Dynasty	"CRD" Cruiser Dynasty	
Lorsban® chlorpyrifos	Contact activity against storage pests	0.10 oz./cwt	0.10 oz./cwt	0.10 oz./cwt	0.10 oz./cwt	0.10 oz./cwt	
Orthene® 97 acephate	Systemic activity against aphids and thrips		6.40 oz./cwt				
Dynasty® CST azoxystrobin	Systemic and contact activity against <i>pythium</i> , <i>fusarium</i> and <i>post-rhizoctonia</i>				0.03 mg/seed	0.03 mg/seed	
Cruiser® thiamethoxam	Systemic activity against aphids and thrips				0.34 mg/seed	0.34 mg/seed	
Avicta® 500FS abamectin	Broad-spectrum nematode protection					0.15 mg/seed	

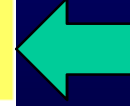
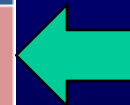
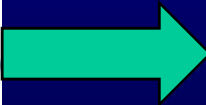


Acceleron I	Acceleron FI	Acceleron N
Imidacloprid	Imidacloprid	Thiamethoxam
Pyraclostrobin* 2X	Pyraclostrobin 2X	Pyraclostrobin 2X
Trifloxystrobin*	Ipconazole	Ipconazole
Metalaxyl*	Trifloxystrobin	Trifloxystrobin
Myclobutanil*	Metalaxyl	Metalaxyl
	Myclobutanil	Myclobutanil
		Abamectin





Aeris	Aeris + Trilex Advanced	+ Poncho/ Votivo
Imidacloprid	Imidacloprid	Clothianidin
Triadimenol*	Trifloxystrobin	<i>Bacillus firmus</i>
Metalaxyl*	Triadimenol	
Ipconazole*	Metalaxyl	
Thiodicarb	Ipconazole	
	Thiodicarb	



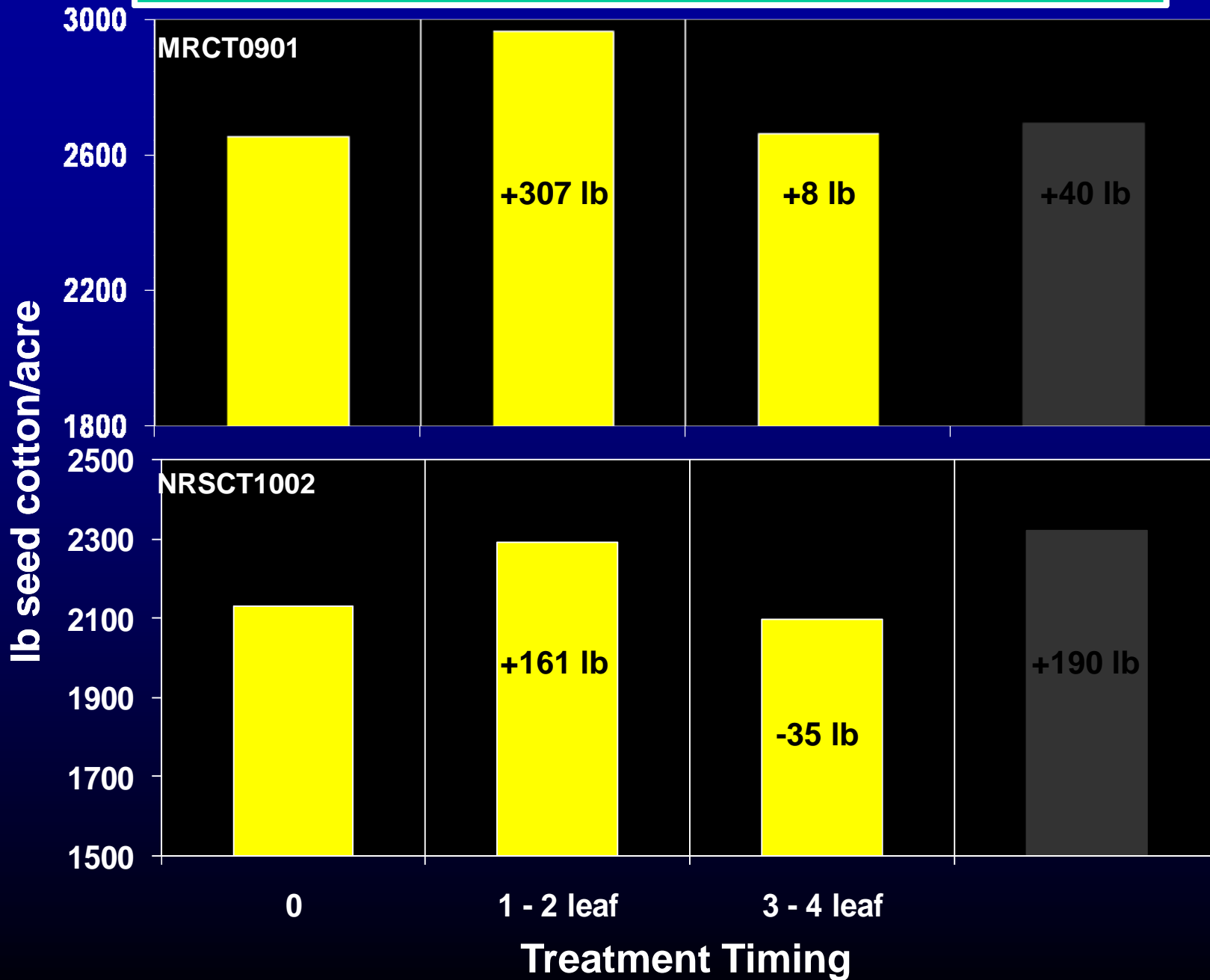
Cotton IST'S

Insecticide Efficacy Against Thrips



“TO SPRAY OR NOT TO SPRAY?”

Scheduling Rescue Sprays for Thrips





Thrips tabaci
Onion Thrips



Adult Female

Frankliniella fusca
Tobacco Thrips

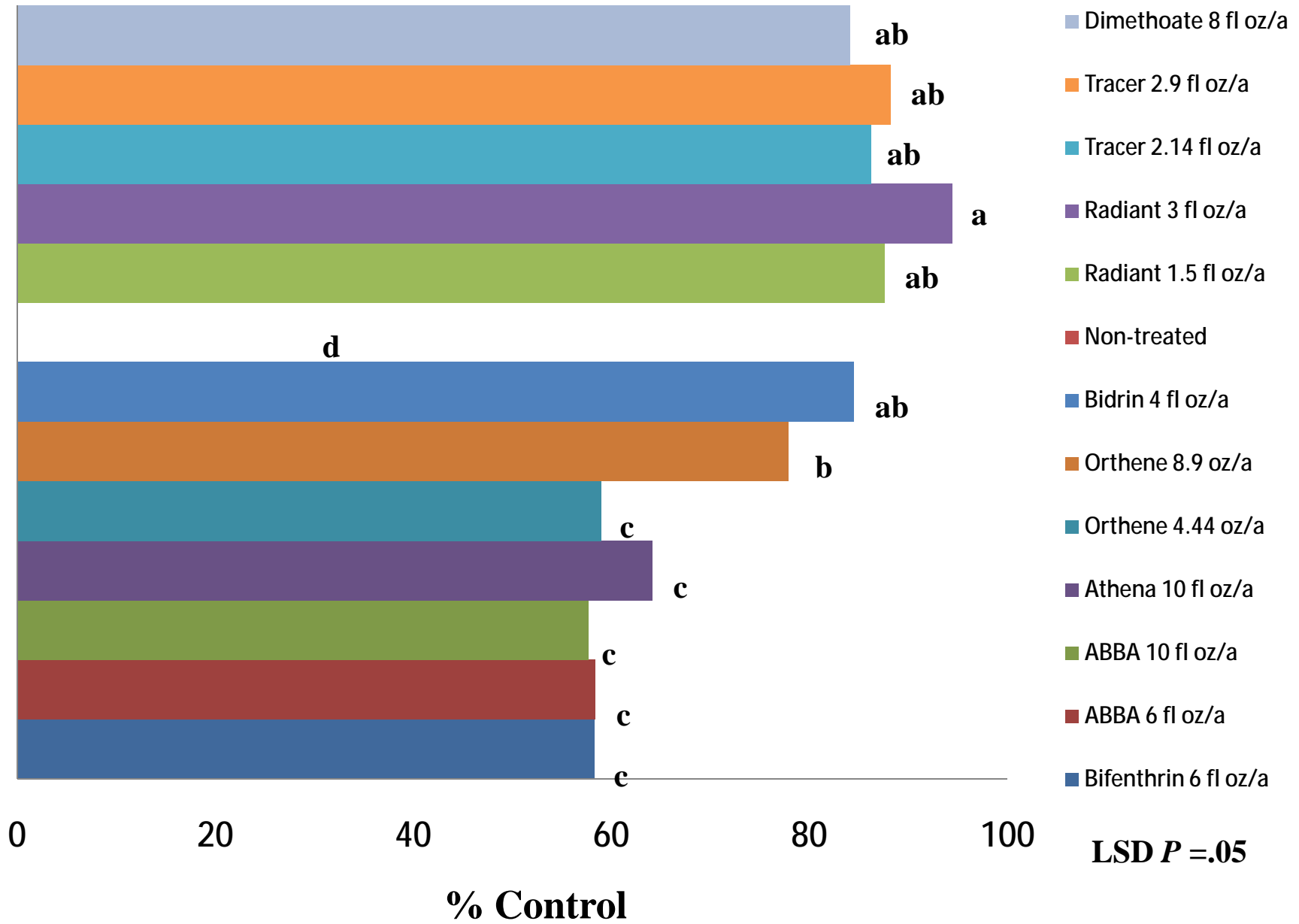


Frankliniella occidentalis
Western Flower Thrips

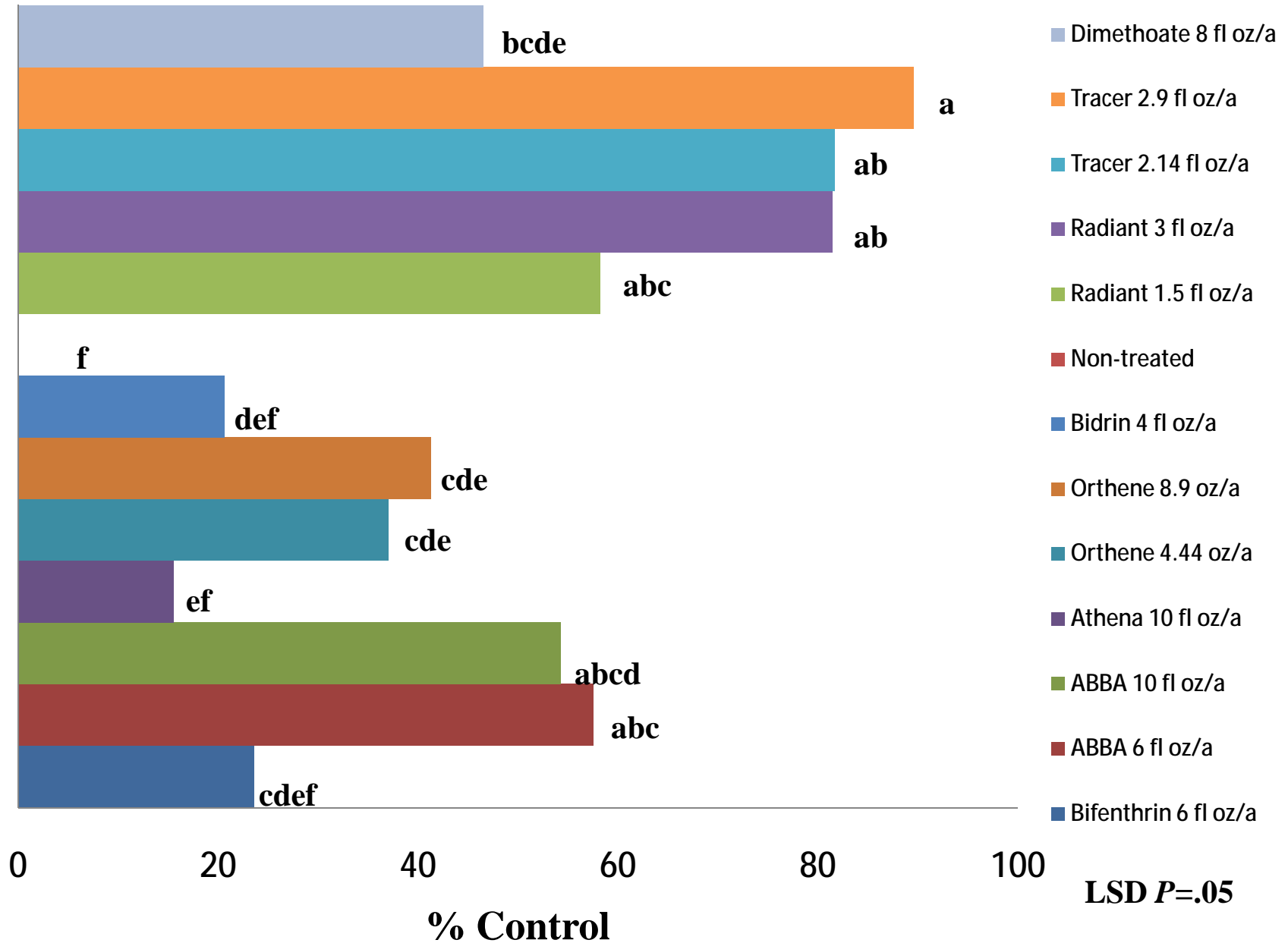


Frankliniella tritici
Eastern Flower Thrips

Thrips Control With Selected Insecticides 2 DAT



Thrips Control With Selected Insecticides 7 DAT



COTTON INCORPORATED



Building Markets For Cotton And Cotton Products

Sebe Brown

Asst. Area Agent
Cell: (318)498-1283

