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# Cercospora Disease Complex In Rice

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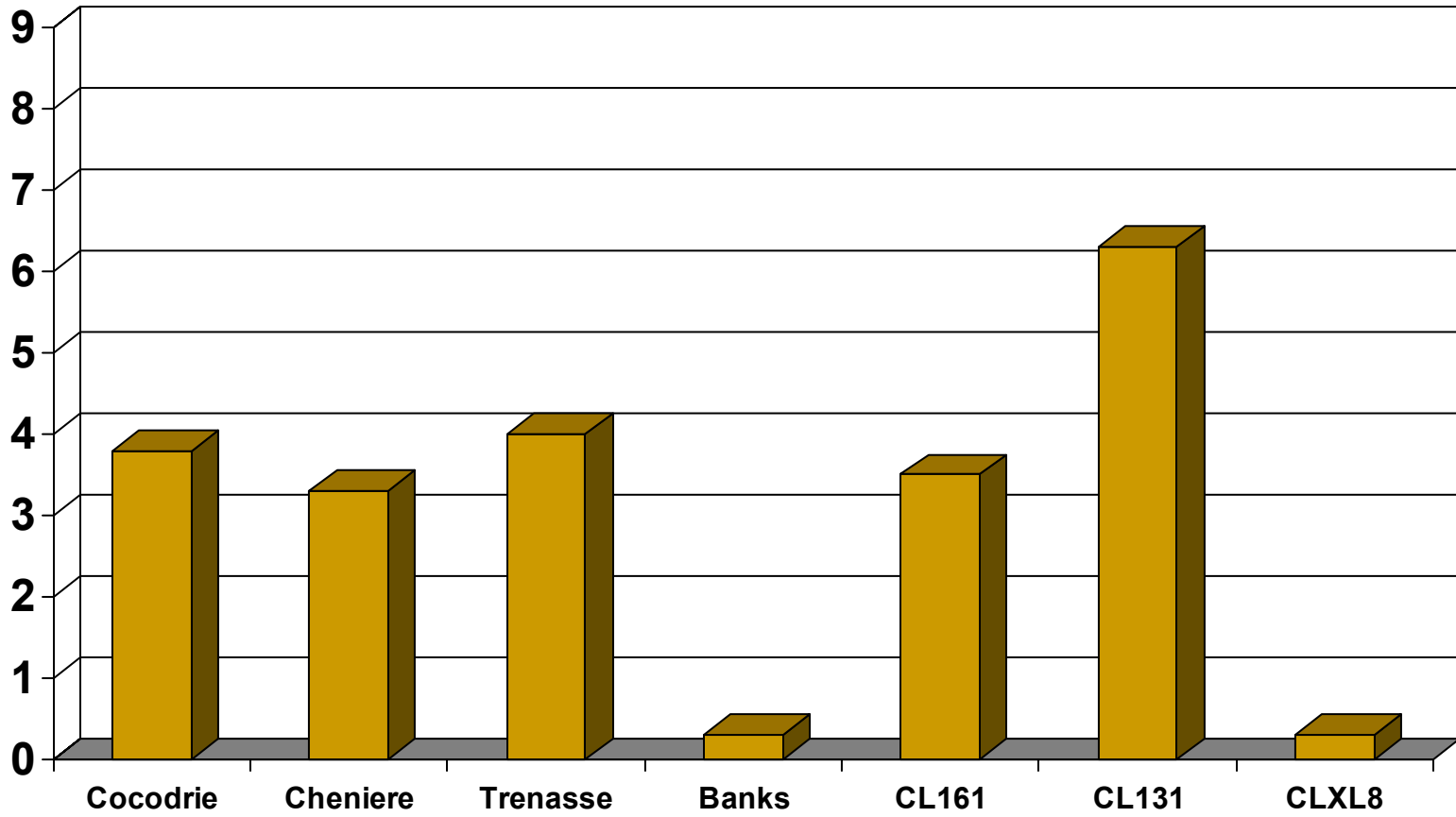












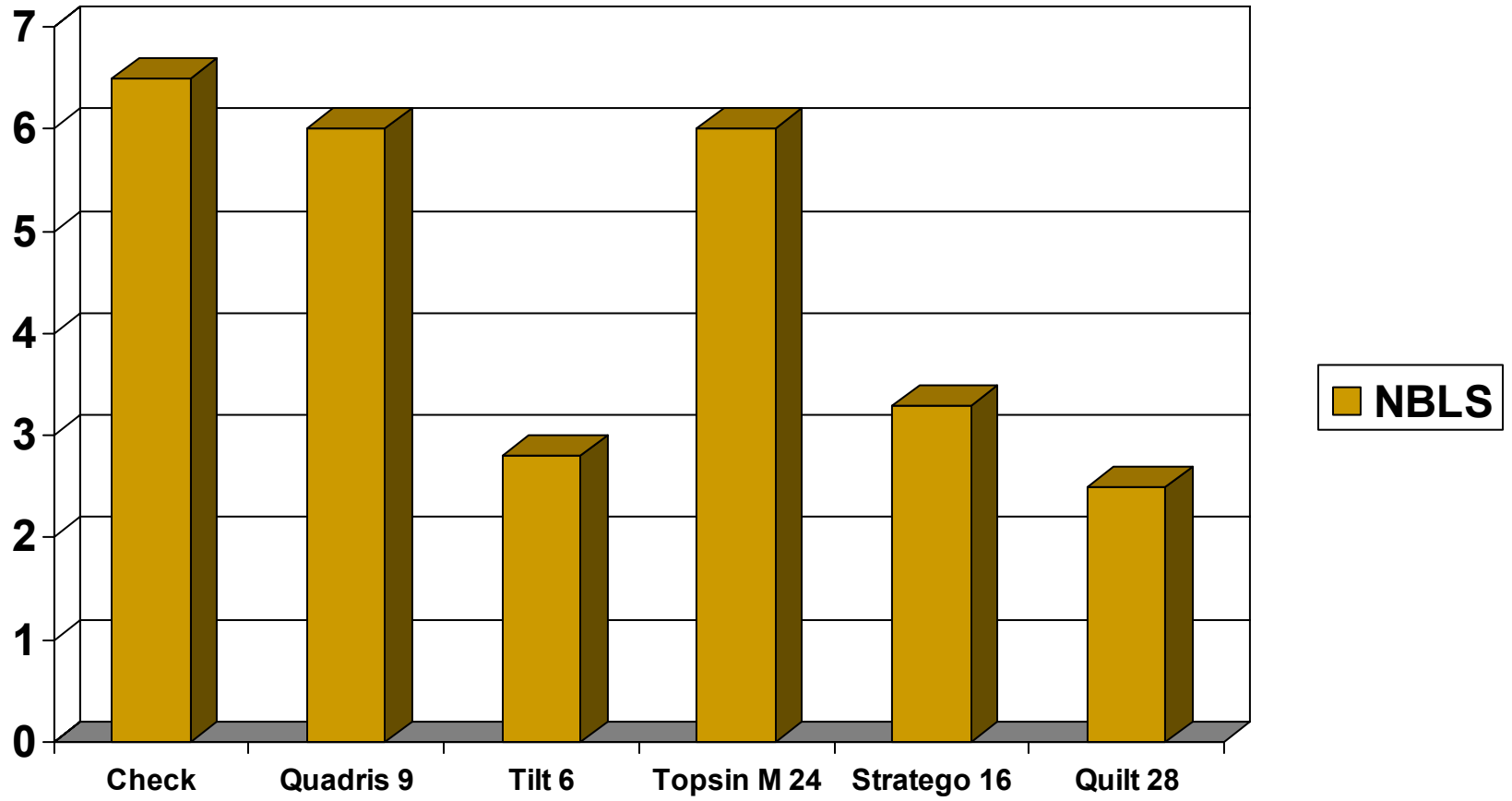
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| <u>Susceptible</u> | <u>Moderately Susceptible</u> | <u>Moderately Resistant</u> | <u>Resistant</u> |
|--------------------|-------------------------------|-----------------------------|------------------|
| CL131*vs           | CL161                         | Spring                      | CLXL8            |
| Cheniere           | Cocodrie                      | CLXL730                     | XL723            |
| Cybonnet           | CL151                         | CL171                       | CLXP729          |
| Trenasse           |                               |                             | Jupiter          |
|                    |                               |                             | Banks            |
|                    |                               |                             | Pace             |
|                    |                               |                             | Bengal           |
|                    |                               |                             | Medark           |

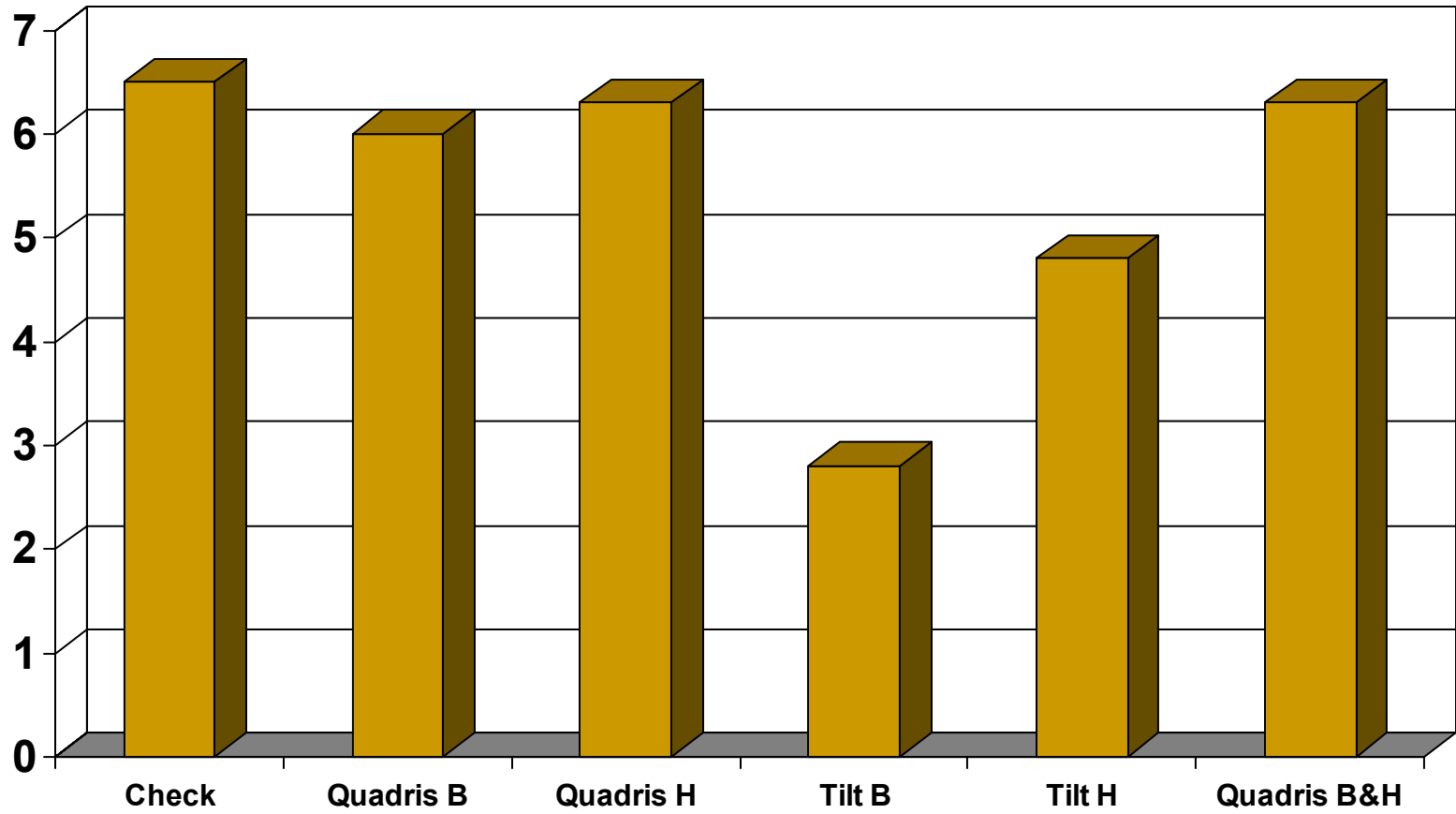
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- Over wintering rice in crawfish ponds contributes early inoculum
  - Very wet conditions during late June and early July favors disease development
  - Quadris used on 80-90% of treated acreage had no effect on this disease (in 2006)
  - Possible race change
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- Fungicide trial to determine optimum rate and timing
  - Disease resistance screening nurseries planted early and late
  - Collect samples for race determinations if severe again



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# Bacterial Panicle Blight

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# Bacterial panicle blight





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# Bacterial Panicle Blight Reactions

Very Sus. to  
Susceptible

Moderately  
Susceptible

Moderately  
Resistant

Resistant

CL131

Cheniere

Banks

XL723

CL161

Cybonnet

CLXL730

Jupiter

Trenasse

Spring

Pirogue

Wells

Medark

XP712

Bengal

Pace

CLXL8

Cypress

Cocodrie

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# Bacterial panicle blight management

- Use resistant varieties (partial resistance)
  - Plant early
  - Do not over-fertilize with nitrogen fertilizers
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