Grain Sorghum Anthracnose

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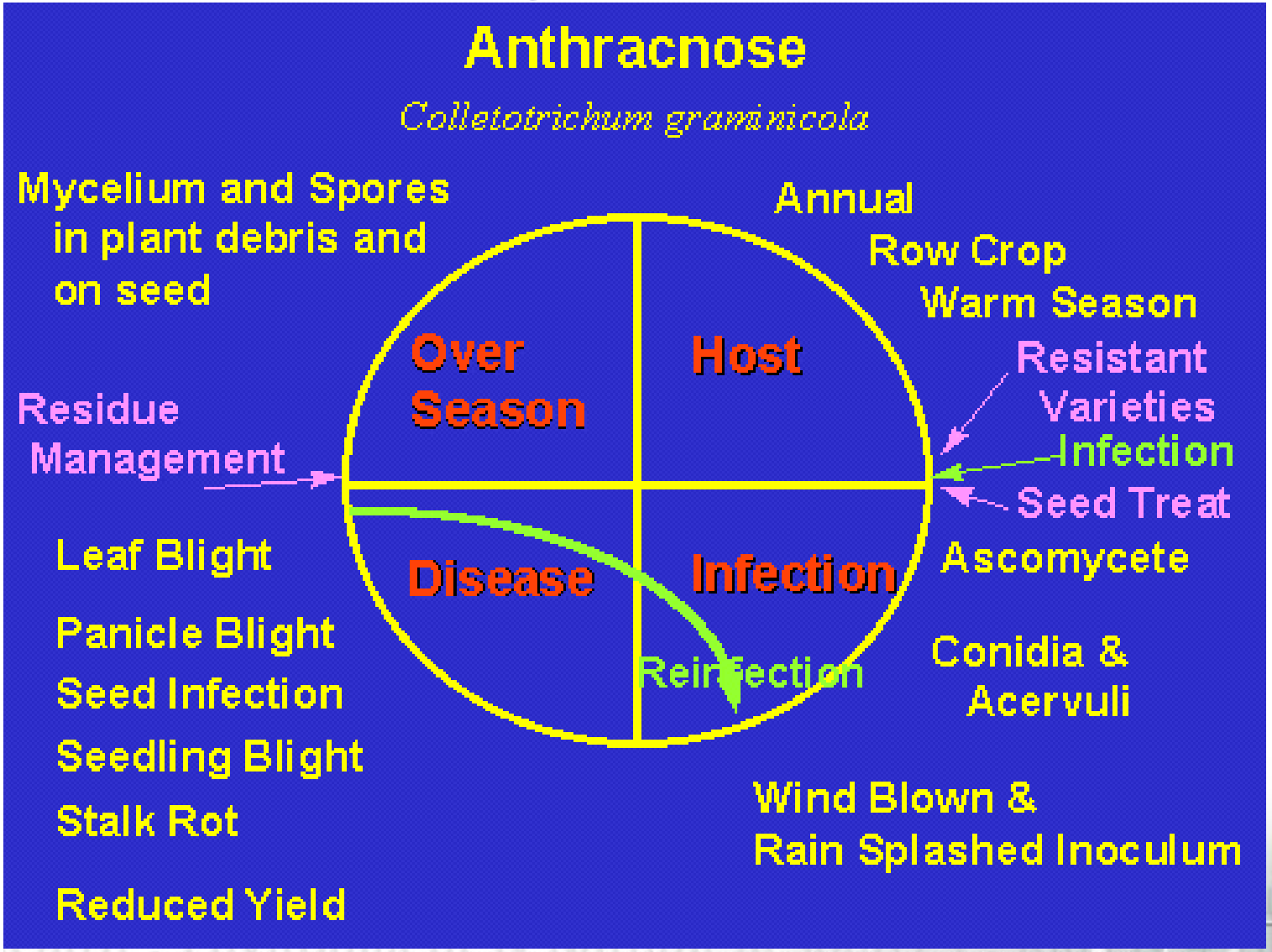
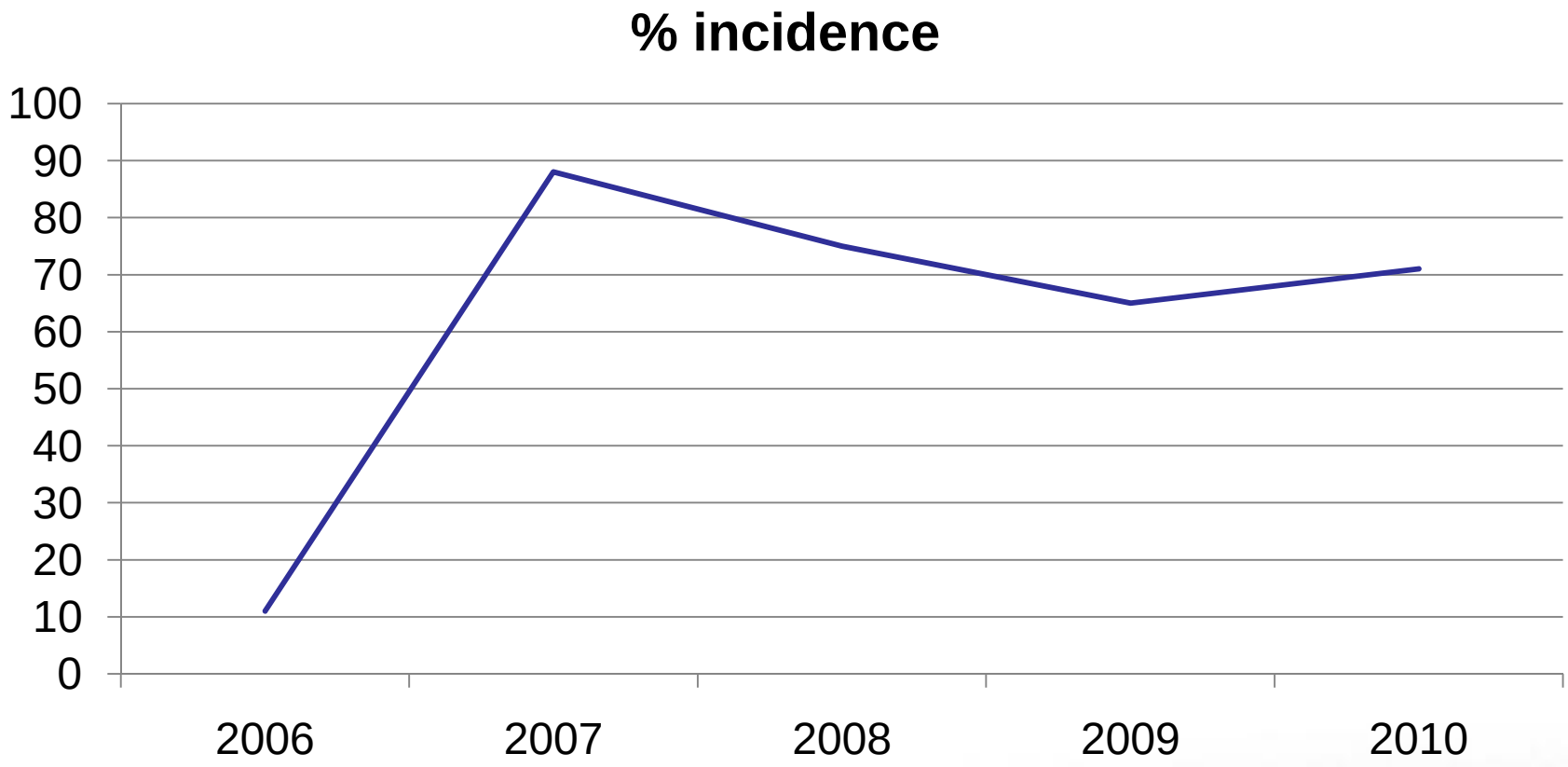
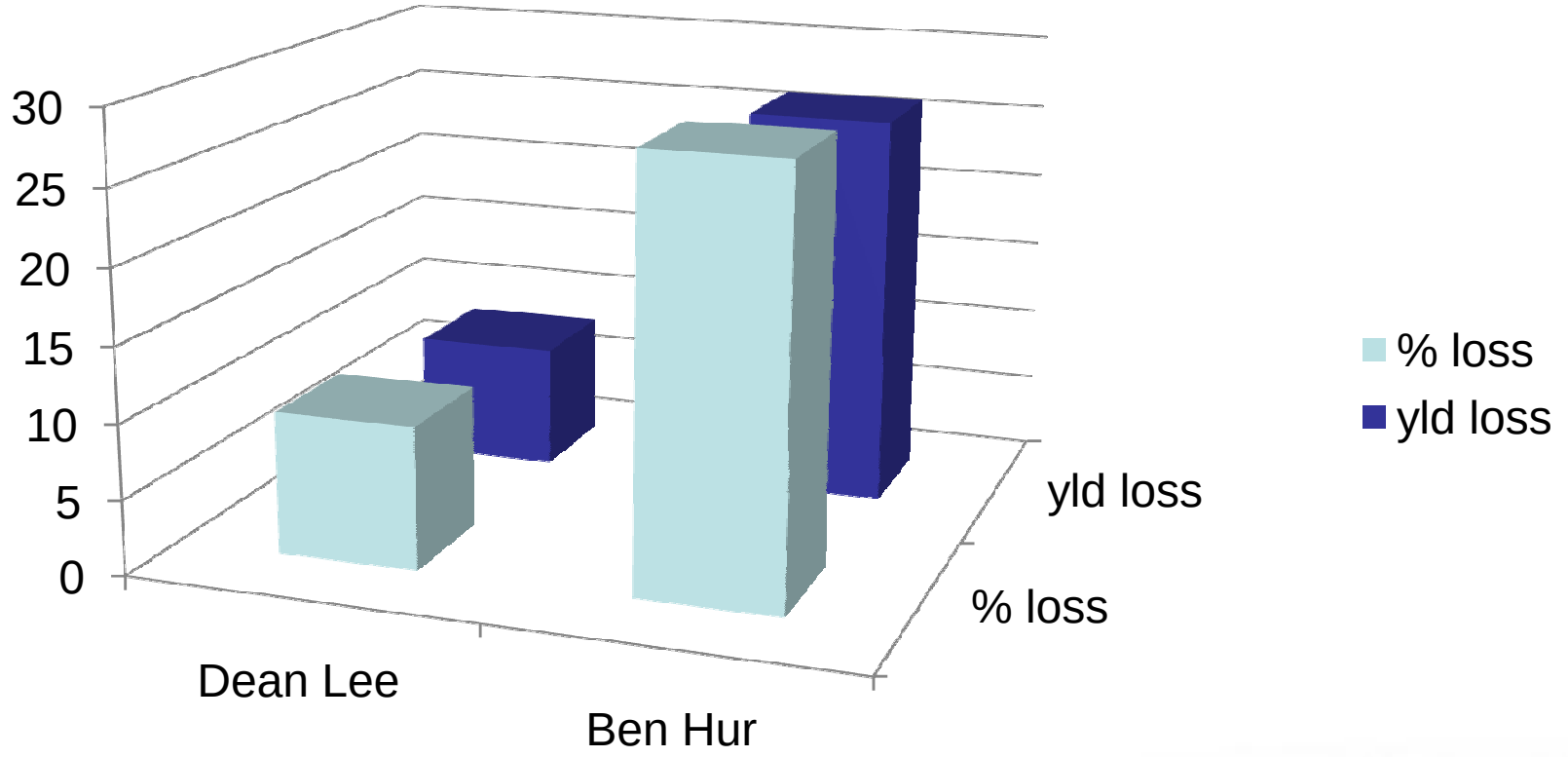


Incidence of Sorghum Anthracnose in Avoyelles and Catahoula Parishes



Yield Losses from Sorghum Anthracnose, 2010



Fungicide Results, 2011
Dean Lee

Treatment	Application Rate/A	Time of Application	Yield bu/a (Mean of 4 reps)	Disease Rating (0-9)	Yield Loss Bu/a (%)
Headline	9 oz	1st flower	97.2	4	
Headline SC	9 oz	1st flower	93.8	4	
Quadris FL	11 oz	1st flower	90.1	4	
Quilt	14 oz	1st flower	93.0	4	
Quilt Xcel	12 oz	1st flower	96.4	4	
Headline X 3	12 oz	14d pre-flower, 1st flower,14d post	110.9	2	
Untreated (H_20)	12 oz	1st flower	85.1	7	
Untreated	-		84.3	7	26.6 (24%)

Fungicide Results, 2011
Ben Hur

Treatment	Application Rate/A	Time of Application	Yield bu/a (Mean of 4 reps)	Disease Rating (0-9)	Yield Loss Bu/a (%)
Headline	9 oz	1st flower	77.2	5	
Headline SC	9 oz	1st flower	75.9	5	
Quadris FL	11 oz	1st flower	78.4	6	
Quilt	14 oz	1st flower	73.9	5	
Quilt Xcel	12 oz	1st flower	72.0	4	
Headline X 3	12 oz	14d pre-flower, 1st flower,14d post	98.6	3	
Untreated (H_20)	12 oz	1st flower	66.0	8	
Untreated	-		66.7	8	31.9 (32.4%)

Conclusions

- **Sorghum anthracnose has increased in incidence**
- **It has caused yield losses ranging in the 9.5 to 31.9% over the past two years.**
- **All labeled fungicides will protect 5 to 13 bushels/acre or 6 to 15% of yield, depending on hybrid, conditions and fungicide used.**