



Plant Breeding at Auburn University



“Plant Breeding: A vital capacity for U.S. National Goals” Raleigh, NC Feb 8 & 9, 2007

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Plant Breeders at Auburn:

- Fenny Dane, Ph.D. Professor. Horticulture.
 - Fruit and Vegetable Crops
 - Crops: Cucurbits, Citrus
- Jorge A. Mosjidis, Ph.D. Professor. Agronomy & Soils
 - Annual and Perennial Forage Legumes
 - Crops: Sunn hemp, Sericea lespedeza, Vetches, Clovers
- Edzard van Santen, Ph. D. Professor. Agronomy & Soils
 - Forage and turfgrasses
 - Crops: Tall fescue, bahiagrass, black oat, bentgrass, perennial ryegrass, switchgrass, big bluestem
- David B. Weaver, Ph. D. Professor. Agronomy & Soils
 - Self-pollinated agronomic row crops
 - Crops: Cotton and Soybean
- **Steve Noffsinger**, Ph. D. Post-doctoral Fellow. Agronomy & Soils.
 - Self-pollinated Cover crops
 - Crops: White lupin, cereal rye

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Graduate coursework relative to plant breeding

- AGRN 5100/6100 (Plant Genetics and Crop Improvement, 3 credits, taught once/year, Weaver)
- AGRN 7160 (Genetic Data Analysis, 3 credits, taught every other year, Mosjidis)
- AGRN 7170 (Advance Plant Breeding, 3 credits, taught every other year, van Santen)
- HORT 7070 (Plant Biotechnology, 4 credits, taught ever other year, Dane)

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Summary

No. of Breeders – 5
No of Crops – 18
No. of Graduate Students – 5
Plant Breeding Courses Taught - 5

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Graduate Students in Plant Breeding

Thomas Antony – M.S. (van Santen)
Janaka Mudunkothge – M.S. (van Santen)
Alexandros Doukopoulos – Ph.D. (Mosjidis)
Lakshmi Mangineni – Ph.D. (Weaver)
Ying Si – Ph.D. (Dane)