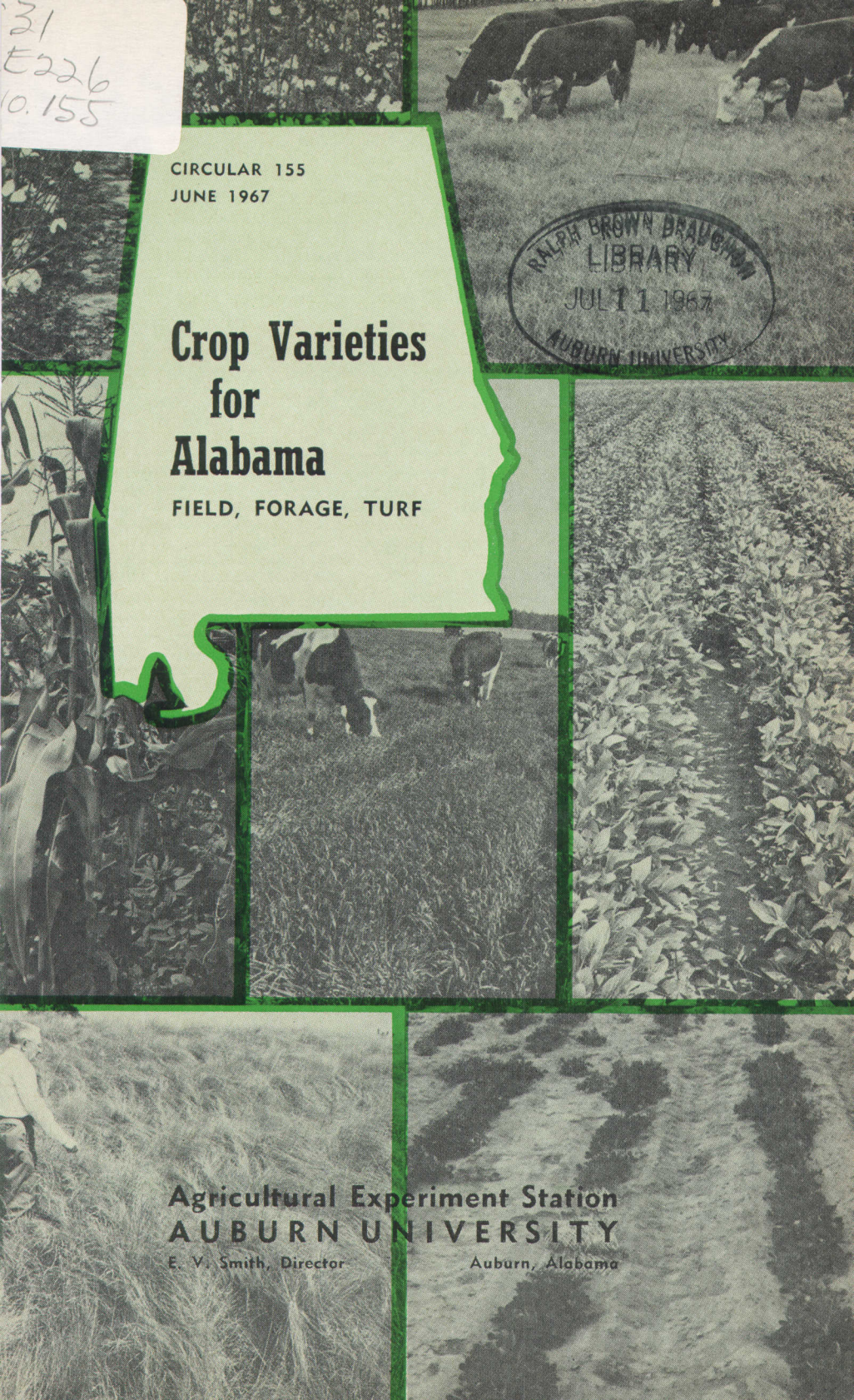
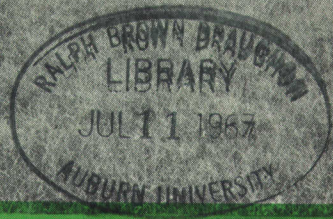


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JUNE 1967

Crop Varieties for Alabama

FIELD, FORAGE, TURF



Agricultural Experiment Station
AUBURN UNIVERSITY
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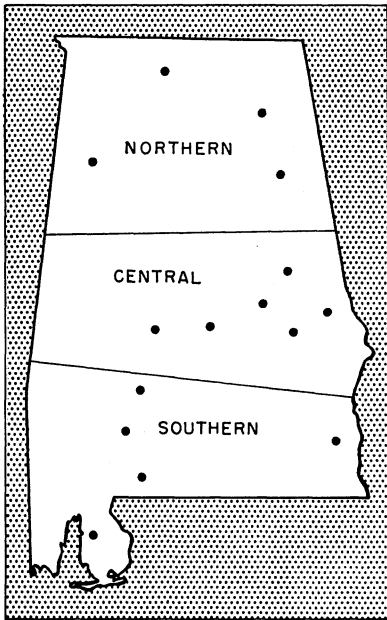
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Crop Varieties for Alabama*

FIELD, FORAGE, TURF

A GROWER MUST SELECT the proper variety if he is to receive maximum benefit from other good production practices. In fact, the wrong variety may cause crop failure some years.



Each year growers are faced with more and more new varieties from which to select. To provide information on which to base variety recommendations, the Auburn University Agricultural Experiment Station evaluates varieties of all major agronomic crops. This testing program is done annually at the 15 locations shown on the map.

Based on results of the tests, recommended varieties are selected by Experiment Station personnel in consultation with Extension Service personnel. Recommendations are based on variety performance during several years at several locations in each region.

Recommended varieties of each crop are listed in alphabetical order. An area of adaptation for each variety is given.

* This report was prepared by J. M. Creel, Jr., E. D. Donnelly, E. M. Evans, C. S. Hoveland, W. C. Johnson, Jr., C. C. King, A. C. Mixon, and D. G. Sturkie, Department of Agronomy and Soils, Agricultural Experiment Station, in consultation with O. N. Andrews, M. D. Bond, and L. J. Chapman, Division of Plant Science, Cooperative Extension Service.

FIELD CROPS

CORN

<i>Hybrid</i>	<i>Area of adaptation</i>
Coker 52 (Y)*	central
Coker 67 (Y)	central, southern
Coker 811A (W)	southern
Coker 71 (Y)	southern
DeKalb 805A (Y)	northern
DeKalb 1213 (Y)	central
Dixie 77 (W)	northern
Dixie 29 (W)	northern
Dixie 18 (Y)	central, southern
Florida 200A (Y)	central, southern
Funk's G-795-W1 (W)	northern, central
Funk's G-4703 (Y)	northern
Funk's G-741 (Y)	central
Funk's G-732 (Y)	central, southern
Greenwood 18 (Y)	central
Greenwood 471 Y	central, southern
McCurdy 7x11 (Y)	northern
McCurdy 972x7 (Y)	northern
P.A.G. SX 59 (Y)	northern
P.A.G. SX 29 (Y)	northern
P.A.G. 751 (Y)	central, southern
Pioneer 310 (Y)	northern
Pioneer 309A (Y)	northern
Pioneer 312A (Y)	northern
Pioneer 309B (Y)	central, southern
Princeton 990A (W)	northern
South Carolina 236 (Y)	central
Stull 807Y (Y)	northern
Stull 400W (W)	northern

* Color of grain: Y = yellow; W = white

COTTON

<i>Variety</i>	<i>Area of adaptation</i>	<i>Wilt classification*</i>
Stoneville 213	northern	S
Dixie King II	northern, central, southern	I
Pennington HyBee	northern, central, southern	I
Carolina Queen	northern, central, southern	I
Auburn 56	northern, central, southern	R
Coker 100A	northern, central, southern	R
Deltapine 45-A	northern	I
Stoneville 7A	northern	S
McNair 1032	northern, central, southern	R
Rex Smoothleaf	northern, central, southern	I
Auburn M	northern	R
Coker 413-67	northern (trial basis)	S

* Wilt classification consists of three categories: S is wilt susceptible; R is highly resistant; and I is intermediate in wilt reaction, having a degree of resistance adequate for soils not severely infested.

PEANUTS

All varieties listed are for southern Alabama only.

Small Seeded Southeastern Runner Type

Early Runner

Virginia Bunch 67

Large Seeded Virginia Type

Florigiant (Runner)

Small Seeded Spanish Type

Argentine

Starr

SOYBEANS

<i>Variety</i>	<i>Area of adaptation</i>
Bienville	southern
Bragg	central, southern
Hampton-266	central, southern
Hardee	southern
Hood	northern
Jackson	central, southern
Lee	northern, central, southern

SMALL GRAINS

Oats

FORAGE AND GRAIN		GRAIN ONLY	
<i>Variety</i>	<i>Area of adaptation</i>	<i>Variety</i>	<i>Area of adaptation</i>
Carolee	northern, central, southern	Carolee	northern, central
Coker 62-42	northern, central, southern	Coker 62-42	northern, central, southern
Moregrain	northern, central, southern	Moregrain	northern
Moregrain 62-11	northern, central, southern	Moregrain 62-11	northern, southern
Roanoke	northern, central	Roanoke	northern, central
Suregrain	southern	Suregrain	southern

Wheat

FORAGE AND GRAIN		GRAIN ONLY	
<i>Variety</i>	<i>Area of adaptation</i>	<i>Variety</i>	<i>Area of adaptation</i>
Ga. 1123	northern, central, southern	Ace	northern, central
Wakeland	northern, central, southern	Ga. 1123	northern, central, southern
		Knox	northern
		Monon	northern
		Wakeland	central, southern

Rye

FORAGE AND GRAIN		GRAIN ONLY	
<i>Variety</i>	<i>Area of adaptation</i>	<i>Variety</i>	<i>Area of adaptation</i>
Explorer	northern, central	Explorer	northern, central
Elbon	northern, central	Elbon	northern, central
Weser	southern	Weser	southern
Wrens Abruzzi	central, southern	Wrens Abruzzi	central, southern

Barley

FORAGE AND GRAIN		GRAIN ONLY	
<i>Variety</i>	<i>Area of adaptation</i>	<i>Variety</i>	<i>Area of adaptation</i>
Colonial 2	northern, central	Colonial 2	northern
		Dayton	northern

FORAGE CROPS

WARM SEASON ANNUAL GRASSES

Pearlmillet

Not adapted to lime soils of Black Belt.

<i>Variety</i>	<i>Area of adaptation</i>
Gahi-1	northern, central, southern
Gahi-2	northern, central, southern
Starr	northern, central, southern

Sorghum-Sudan Hybrids*

<i>Variety</i>	<i>Area of adaptation</i>
Grazer-A	northern, central, southern
DeKalb SX-11	northern, central, southern
DeKalb SX-12	northern, central, southern
Green Graze	northern, central, southern
Green M	northern, central, southern
Haygrazer	northern, central, southern
Lindsey 77F	northern, central, southern
Leafy Sue	northern, central, southern
Pioneer 985	northern, central, southern
R-P Mor Su	northern, central, southern
R-P Su-I	northern, central, southern
Sordan	northern, central, southern
Southern Cross	northern, central, southern
Su Chow 35	northern, central, southern
Sure Graze	northern, central, southern
Sweet Sioux	northern, central, southern
Thunderbird	northern, central, southern

* Soil should be pH 6.0 or higher for satisfactory growth.

WARM SEASON PERENNIAL GRASSES

Bahiagrass

<i>Variety</i>	<i>Area of adaptation</i>
Pensacola	northern, central, southern
Argentine	southern

Bermudagrass

<i>Variety</i>	<i>Area of adaptation</i>
Coastal	northern, central, southern
Midland	northern, central
Suwanee	southern

Dallisgrass

<i>Variety</i>	<i>Area of adaptation</i>
Common	northern, central, southern

Johnsongrass

<i>Variety</i>	<i>Area of adaptation</i>
Common	northern, central, southern

COOL SEASON ANNUAL GRASSES

Ryegrass

<i>Variety</i>	<i>Area of adaptation</i>
Common (Italian)	northern
Florida Rust Resistant	central, southern
Gulf	northern, central, southern
Tetrablend	northern, central, southern

Rescuegrass

<i>Variety</i>	<i>Area of adaptation</i>
Chapel Hill	northern, central, southern

COOL SEASON PERENNIAL GRASSES

Orchardgrass

<i>Variety</i>	<i>Area of adaptation</i>
Boone	northern
Potomac	northern

Tall Fescue

<i>Variety</i>	<i>Area of adaptation</i>
Alta	northern, central, southern
Goar	northern, central, southern
Kentucky 31	northern, central, southern

WARM SEASON PERENNIAL LEGUMES

Alfalfa

<i>Variety</i>	<i>Area of adaptation</i>
African (short term rotation only)	southern
Atlantic	northern, central, southern
Buffalo	northern, central, southern
Cherokee	northern, central, southern
Delta	northern, central, southern
Kansas Common	northern, central, southern
Narragansett	northern, central, southern
Oklahoma Common	northern, central, southern
Vernal	northern, central, southern
Williamsburg	northern, central, southern

Sericea

<i>Variety</i>	<i>Area of adaptation</i>
Arlington	northern, central, southern
Commercial	northern, central, southern
Serala	northern, central, southern

COOL SEASON LEGUMES

Ladino White Clover

<i>Variety</i>	<i>Area of adaptation</i>
Certified Ladino	northern, central, southern
Regal	northern, central, southern

Intermediate White Clover

<i>Variety</i>	<i>Area of adaptation</i>
La. S-1	northern, central, southern

ANNUAL CLOVERS AND VETCHES

Reseeding Crimson Clover

Not adapted to lime soils of Black Belt and poorly drained soil.

<i>Variety</i>	<i>Area of adaptation</i>
Auburn	northern, central, southern
Autauga	northern, central, southern
Chief	northern, central, southern
Dixie	northern, central, southern
Talladega	northern, central, southern

Non-Reseeding Crimson Clover

<i>Variety</i>	<i>Area of adaptation</i>
Frontier	northern, central, southern

Ball Clover

<i>Variety</i>	<i>Area of adaptation</i>
Common	northern, central, southern

Arrowleaf Clover

Not adapted to lime soils of Black Belt and poorly drained soil.

<i>Variety</i>	<i>Area of adaptation</i>
Yuchi	northern, central, southern

Vetch

<i>Variety</i>	<i>Area of adaptation</i>
Hairy	northern, central, southern
Warrior (Only vetch recommended for seed production in Ala.)	central, southern
Willamette	central, southern

Red Clover

<i>Variety</i>	<i>Area of adaptation</i>
Orbit	northern

SILAGE CROPS

Corn

Use varieties recommended for grain in your area.

Sorghum

The tall growing, medium-late maturity sorghums are subject to lodging.

HIGH FORAGE YIELD, MEDIUM GRAIN

<i>Early maturity</i>	<i>Medium-early maturity</i>	<i>Medium-late maturity</i>
NK-315	Aztec	Beefbuilder-T
	Lindsey 101F	Milkmaker
	NK-330	Yieldmaker
	Tital-R	

HIGH GRAIN

<i>Early maturity</i>	<i>Medium-early maturity</i>
DeKalb FS-1A	Pioneer 940
NK-300	

TURFGRASSES

LAWNS

Fine Grass

<i>Variety</i>	<i>Area of adaptation</i>	<i>Sun adaptation</i>
Tifway (Tifton 419) bermuda	northern, central, southern	sun
Tifgreen (Tifton 328) bermuda	northern, central, southern	sun
Tiflawn (Tifton 57) bermuda	northern, central, southern	sun
Sunturf bermuda	northern	sun
Zoysia (Emerald)	northern, central, southern	sun and shade
Zoysia (Matrella) (Matrella is a little more shade tolerant)	northern, central, southern	sun and shade
Zoysia (Meyer) (Meyer is coarser than Emerald or Matrella)	northern, central, southern	sun and shade
Centipede	northern, central, southern	some shade
Kentucky bluegrass	northern	sun and shade
Red fescue	northern	sun and shade

Coarse Grass

<i>Variety</i>	<i>Area of adaptation</i>	<i>Sun adaptation</i>
St. Augustine	southern	sun and shade
Pensacola bahia	southern	sun and shade
Kentucky 31 fescue	northern, central, southern	sun and shade

FOOTBALL FIELDS AND PLAYGROUNDS

<i>Variety</i>	<i>Area of adaptation</i>	<i>Sun adaptation</i>
Tiflawn (Tifton 57) bermuda	northern, central, southern	sun

CEMETERIES, PARKS, AREAS NOT UNDER HEAVY TRAFFIC

<i>Variety</i>	<i>Area of adaptation</i>	<i>Sun adaptation</i>
Centipede	northern, central, southern	some shade
Common bermuda	northern, central, southern	sun

BANKS, FILLS, AND AREAS NOT MOWED

<i>Variety</i>	<i>Area of adaptation</i>	<i>Special conditions</i>
Weeping lovegrass	northern, central, southern	
Pensacola bahiagrass	northern, central, southern	
Kentucky 31 fescue	northern, central, southern	
Kobe lespedeza	northern, central, southern	summer only
Reseeding crimson clover	northern, central, southern	winter only

GOLF FAIRWAYS

<i>Variety</i>	<i>Area of adaptation</i>	<i>Sun adaptation</i>
Tifway (Tifton 419) bermuda	northern, central, southern	sun
Tiflawn (Tifton 57) bermuda	northern, central, southern	sun
Centipede	northern, central, southern	some shade

GOLF GREENS

<i>Variety</i>	<i>Area of adaptation</i>	<i>Sun adaptation</i>
Tifgreen (Tifton 328) bermuda	northern, central, southern	sun
Tifdwarf bermuda	northern, central, southern	sun

