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the Blue Panic grass plants grew three feet high, remaining green for two months after the last summer rain. The light soil dried readily and growth was not as rapid as on the heavy soil, though plants were still alive when fall rains occurred.

The past year's field tests indicate that sufficient moisture can be accumulated on medium to heavy soils to germinate and grow range grasses to maturity. The minimum requirement for satisfactory growth would be four or five rains with intensity sufficient to produce runoff with a total per season of two or three inches.

NOW, SIX WEEKS after the first summer rain occurred on the Santa Rita Experimental Range, we see Buffel Grass growing in the rows of basins (on both sides, in photo above). Residual moisture in the basins was sufficient to sustain grass until more rains fell later on.



#### JANUARY

- 1-4—Arizona National Livestock Show — Phoenix
- 15-16—13th Annual Dairy Industry Conference, Ramada Inn, Tucson
- 16-17—Arizona Section, American Society of Range Management Meeting — Student Union Bldg., U of A Campus
- 20-23—Annual College of Agriculture Conference, U of A Campus
- 22—12th Annual Meeting Arizona Poultry Federation, U of A
- 24-25—5th Annual Arizona Pest Control Conference, Student Union Bldg., U of A Campus
- 28-30—Artificial Insemination Workshop—U of A Dairy Research Center

### Dairy, Plant Breeding Get New Department Heads

Two new department heads are on the job in your College of Agriculture, both men of stature within their professions. They are Dr. G. H. Stott in Dairy Science and Dr. John Endrizzi in Plant Breeding.

In the Department of Plant Breeding, veteran Dr. Elias H. Pressley retired from his administrative post last September, although at 72 he is still very much an active and valued mem-

ber of the department. Dr. Pressley came to the staff in 1919, making him one of the veteran staff members in this university. His gracious manner has endeared him to staff and students alike.

New head of Plant Breeding is Dr. John E. Endrizzi, an Oklahoma native and a top cytogeneticist. Dr. Endrizzi went directly from high school graduation to the army in 1943. In 1946, when discharged, he entered Texas A & M, receiving his B. S. degree in agronomy in 1949.

He remained at A & M, getting a master's degree in genetics in 1951. In 1951 and 1952 he studied at the University of Virginia, and in 1952 he entered the University of Maryland as a graduate assistant under a National Science Foundation grant. There he received his Ph.D. in cytogenetics in 1955.

From Maryland he went to the Texas Agricultural Experiment Station, in the cotton section of the Department of Soils and Crop Sciences. There Dr. Endrizzi did research and also taught a graduate course in cytogenetics.

He came to the University of Arizona, as head of Plant Breeding, in September. Dr. Endrizzi is author of a dozen scientific publications and member of several professional societies. Married, he is father of three daughters and a son.

"Gary" Stott — it is easy not to use the more formal "Dr. Gerald H. Stott" — was brought to the University of Arizona in 1957 by the then head of Dairy Science, Dr. Veal Smith, who left last fall to be dean of agriculture at Utah State University, at Logan.

A native of Washington state, Dr. Stott received his B.S. and M.S. degrees at Utah State and his Ph.D. from the University of Wisconsin. He did research work and taught at Utah State, University of Utah, University of Wisconsin and the University of Georgia.

Gary Stott came to Arizona as an assistant dairy scientist in 1957, and has done impressive work here. His studies of heat tolerance in dairy cows, and the effect of hot and humid weather on dairy production, conception and calving, have brought national attention. He has reported his research findings in more than 20 published works, and is a member of the usual scientific organizations.

### Where Was This Picture Taken?



Our mystery picture in this issue is truly mysterious — an old dry-stone outline of a house, so old that a large mesquite tree has grown out of the doorway.

Where was it taken? Look on Page 20 for the answer.