



**READING THE BOOK** of accolades from Arizona livestock industry leaders, from former staff colleagues, and students, Prof. ← E. B. Stanley sits in his old office, always identified by the large cow hide bearing brands of Arizona cattlemen.

That was in 1920, when a young ranch boy just graduated from Montana State College at Bozeman joined the staff in the UA Department of Animal Science.

Forty-seven years later, Prof. E. B. Stanley recalled those early days when the Animal Science staff took him to lunch and presented him a handsome leather-covered book of personal and departmental memoirs.

Included are warm greetings and accolades from Pearl and Lee Te Poel on behalf of the Arizona National Livestock Show; from longtime colleague (and former student) Dr. W. J. "Bill" Pistor; from Chuck Lakin of Tolleson; from another former colleague, Dr. B. P. "Bart" Cardon of Erly-Fat Livestock Feed Co., from the Finleys and Bixbys and Horrells, Dobsons, Benedicts, and Boices — all oldtime Arizona cattlemen families, and from another former student, UA Vice President Marvin "Swede" Johnson.

The letters are long in number, warm in praise, tender with memories of days past. Jack Speiden has a recollection of a helpful incident, and so does Walt Fathauer and from the Boswell Ranches, vice president Bob McMicken. They're all there, and to mention a few is not to offend those unmentioned.

Quiet, unpretentious, always eagerly helpful and gracious, "Ernie" Stanley loves them all.

E. B. Stanley, in 1920, came to a college and a state far different from today. In his day he served under seven deans — Working, Thornber, Ball, Burgess, Hawkins, Eckert, Myers. He found a cattle industry which was little more than the cowboy control of cattle on the ranges.

Prof. Stanley, who was named acting head of Animal Science in 1923 and head in 1925, remembers that — with exception of Prof. Harold Schwalen and Dr. W. J. Pistor — in the early days most Agriculture staff were outsiders, from the east and midwest. There was a necessary period of adjustment, of learning the problems of a rough new land where mountain soils were sparse, rainfall the same, and all plant and animal life vastly different from that "back east."

But problems were solved. Charlie Pickerell, then an Extension animal

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## LIVESTOCK INDUSTRY HONORS PROF. STANLEY, ON STAFF 47 YEARS

*It wasn't a very big College of Agriculture in those days. It enrolled 118 students, and had 25 staff members in just 11 departments. And it was slow getting around. Most travel was by train, to Phoenix or other points in the state.*

*The girl reporter from The Arizona Daily Star would glean three stories from a professor's trip just to Phoenix — one story saying he was going, and for what purpose; the second day a story saying he was in Phoenix, and what he was doing, and a third story marking his return and his comments on the trip.*

## Prof. Stanley...

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husbandryman, preached the gospel of better herd sires. Dr. Pistor talked animal health. Prof. Stanley himself "sold" ranchers on supplemental feeding. And among them and others there was born a new industry in Arizona agriculture — the drylot feeding or "finishing" of range cattle.

"I am proudest of the people I brought to our department — Bill Pistor the veterinarian, Lee Scott the animal scientist, "Bart" Cardon, the animal nutritionist, and W. G. "Bill" McGinnies the range scientist," says Prof. Stanley. Scott is deceased, but Pistor and McGinnies are still on the UA staff, although no longer in Animal Science. Dr. Cardon is a leading Arizona businessman catering to the needs of the livestock industry.

Those early workers are credited with devising and perfecting the salt-meal range supplement idea which is still in use. Hungry range cattle, if offered a grain or meal feed in a feeder out on the range, would consume it all in a hurry. Stanley added salt to the cottonseed meal, the salt a "governor" to restrict the animal's intake of the meal. Range cattle eat the mixture when hungry enough, but sparingly.

"One of the best things I ever did for the university was hiring Ernie

Hussman," said Prof. Stanley. "Ernie was working as a cowboy on the Larimore ranch when we were running those early salt-meal experiments. I hired him as a UA herdsman, and today, as superintendent of the UA Tucson farms, he is one of the able and necessary cogs in the College of Agriculture operation," said Stanley.

Other important research accomplishments of Prof. Stanley and his associates in those early days included an economic study of range cattle and sheep production in Arizona, and the first and still most authentic study of salt and water consumption by range cattle. Also still valid is an early but complete analysis of range grasses, including the seasonal rise and fall of carotene content.

Another study involved carcass evaluation of Hereford cattle, forerunner by 22 years of today's Performance Registry International. The animal scientists in this university, with Prof. Stanley directing and participating in the work, made a classic study 15 years ago of dwarfism in beef cattle, proving that dwarfism is genetic and not caused by nutritional or other environmental factors.

Prof. Stanley himself obtained his master's degree at Iowa State, took advanced study at the University of

Wisconsin, was set to get a Ph.D. later, but in the agreed year, 1938, all sabbaticals were cancelled.

Most important to this university, "Ernie" Stanley and "Bill" Pistor traveled the state and carried the gospel of better livestock management to the cattlemen and sheepmen. They became close friends with those in the industry, establishing a warm rapport which has not since been equalled. Out of those years came the Stanley-Pistor scholarship given to UA students in the livestock fields.

Ernie Stanley himself is a lifetime and honorary member of the cattlemen's, the sheepmen's and the Hereford breeders' state associations. Last year he retired from the department, and today he is still with his longtime colleague, Bill Pistor, working with the UA Brazilian and foreign student programs. He retired as department head emeritus. Prof. Stanley still has a keen interest in his old department and great pride in its continuing accomplishments.

"I guess I'm retired — but I'm still working," says Ernie Stanley with that warm smile which is his trademark. After nearly half a century of working for this university, serving the livestock people of the state, it's hard to quit.



### MARCH

- 7 — Annual Bull Sale UA River Road Farm, Tucson.
- 12 — Maricopa County Nutrition Seminar, Phoenix.
- 12-14 — Artificial Insemination Workshop, Phoenix.
- 16 — FFA Field Day — U of A Campus.

### APRIL

- 1- 4 — Conference on Control of Microbial and Chemical Contamination of Foods, Phoenix.
- 13 — Home Citrus Clinic, Ralt River Citrus Farm, Tempe.
- 20 — Home Citrus Clinic, Salt River Citrus Farm, Tempe.

### MAY

- 2 — Cattle Feeders' Day at UA Farms, Tucson.

### JUNE

- 3- 7 — Annual Town and Country Life Conference, UA Campus, Tucson.



KAWT, Douglas — Livestock Report — 6:20 a.m. and 12:10 p.m. Monday thru Saturday.

### Maricopa County

KOOL, Phoenix — Garden Show Sat., 8:45 a.m.

KOY, Phoenix — Farm Report Mon. thru Fri., 6:50 a.m. Sat., 6:55 a.m.

KOOL, Phoenix — Mon. thru Sat., 5:40 a.m.

KTAR, Phoenix — (radio & TV) Mon. thru Fri., 5:55 a.m.

KPHO, Phoenix — Mon. thru Sat., 5:45 a.m.

KUPD, Phoenix — Mon. thru Fri., 5:50 a.m. and 12:28 p.m.

## Protein Needs...

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Dairymen are tempted to use their regular dairy cow rations to feed to their calves because of ease of handling. There are some nutritional considerations which are counter to use of these rations. Firstly, antibiotics are not added to cows' rations and are useful in calf growth response during the first three months of growth; secondly, supplemental calcium should be included in a grain mix for calves when fed free-choice; thirdly, a supplementary source of Vitamins A and E are recommended when calves are on the grain rations. The author has found that the following amounts are satisfactory in a ton of feed and add but little to the total cost: (1) aureofac 10 (aureomycin, 10 g/lb. of mixture), 1.0 lb.; (2) calcium carbonate (ground limestone), 20 lb.; (3) vitamin A (30,000 I.U./g), 1/2 lb.; (4) vitamin E (tocopherol acetate at 20,000 I.U./lb.), 5 oz.