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LIST OF STATION PUBLICATIONS

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Effect of soil texture upon the physical characteristics of adobe bricks. H. C. Schwalen. (Ariz. Sta. Tech. Bul. 58. 1935.) Tucson.

Forty-seventh annual report, fiscal year ending June 30, 1935. C. O. Brannen et al. (Ark. Sta. Bul. 323. 1935.) Fayetteville.

Sulfuric acid for control of weeds. W. E. Ball and O. C. French. (Calif. Sta. Bul. 596. 1935.) Berkeley.

Crossbreeding investigation in the production of California spring lambs. R. F. Miller. (Calif. Sta. Bul. 598. 1935.) Berkeley.

The rôle of fungi in the diet of the common damp-wood termite, Zootermopsis angusticollis. E. C. Hendee. (Hilgardia [Calif. Sta.], vol. 9, No. 10. 1935.) Berkeley.

The role of pine oil in cattle fly sprays. A. M. Pearson. (Del. Sta. Bul. 196. 1935.) Newark.

A wilt-resistant watermelon for Florida. M. N. Walker. (Fla. Sta. Bul. 288. 1936) Gainesville.

Coffee cultural practices in the Kona District of Hawaii. J. C. Ripperton, Y. B. Goto and R. K. Pahau. (Hawaii Sta. Bul. 75. 1935.) Honolulu.

Factors affecting the chemical composition of pasture grasses. D. W. Edwards and R. A. Goff. (Hawaii Sta. Bul. 76. 1935.) Honolulu.

Seed treatments for the control of certain diseases of wheat, oats, barley. B. Koehler. (Ill. Sta. Bul. 420. 1935.) Urbana.

Substitution of commercial fertilizers for manure in vegetable production. J. W. Lloyd and E. P. Lewis. (Ill. Sta. Bul. 421. 1935.) Urbana.

Prices of Illinois farm products from 1931-1934. L. J. Norton and T. R. Hedges. (Ill. Sta. Bul. 422. 1935.) Urbana.

Feeding the dairy herd. W. B. Nevens. (Ill. Sta. Circ. 440. 1935.) Urbana.

Fowl cholera (Hemorrhagic septicemia of fowls). R. Graham. (Ill. Sta. Circ. 441. 1935.) Urbana.

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Sweet-curd cottage cheese, directions for manufacturing with an enzyme. P. H. Tracy and H. A. Ruehe. (Ill. Sta. Circ. 445. 1936.) Urbana.

The food consumption habits of 145 Iowa farm families. P. M. Nelson et al. (Iowa Sta. Bul. 337. 1935.) Ames.

Changing status of the Iowa dairy industry. A. Mighell. (Iowa Sta. Bul. 338. 1935.) Ames.

Effect of harvesting, spacing and age of plants on yields of asparagus. E. S. Haber. (Iowa Sta. Bul. 339. 1935.) Ames.

- A rickets-like disease in young cattle. T. W. Gullickson, L. S. Palmer and W. L. Boyd. (Minn. Sta. Tech. Bul. 105. 1935.) University Farm, St. Paul.
- Pecan budding. (Miss. Sta. Circ. 97. 1935.) State College.
- Pecan bark grafting. (Miss. Sta. Circ. 98. 1935.) State College.
- Insect pests of the household. L. Haseman. (Mo. Sta. Bul. 356. 1935.) Columbia.
- Actinomycosis (lump jaw, big jaw, and wooden tongue) in cattle. J. W. Connaway and A. W. Uren. (Mo. Sta. Bul. 357. 1935.) Columbia.
- Rye as a grain feed for dairy cattle. J. O. Tretswen. (Mont. Sta. Bul. 303. 1935.) Bozeman.
- Skim milk foam, its effect on dairy calves. J. O. Tretswen and E. Keyes. (Mont. Sta. Bul. 304. 1935.) Bozeman.
- The economics of feeding alfalfa hay and grain to Holstein cows. F. B. Headley. (Nev. Sta. Bul. 140. 1935.) Reno.
- Intercellular humidity in relation to fire-blight susceptibility in apple and pear. L. Shaw. (N.Y. (Cornell) Sta. Mem. 181. 1935.) Ithaca.
- Wholesale prices at Cincinnati and New York. H. E. White. (N. Y. (Cornell) Sta. Mem. 182. 1935.) Ithaca.
- A potato seed plat roguing experiment. F. C. Stewart. (N.Y. State Sta. Bul. 655. 1935.) Geneva.
- The chemical determination of the quality of canned green peas. Z. I. Kertesz. (N.Y. State Sta. Tech. Bul. 233. 1935.) Geneva.
- A chemical method for determining the safeness to foliage of commercial calcium arsenates. G. W. Pearce, L. B. Norton and P. J. Chapman. (N.Y. State Sta. Tech. Bul. 234. 1935.) Geneva.
- The physiology of bean mosaic. A. L. Harrison. (N.Y. State Sta. Tech. Bul. 235. 1935.) Geneva.
- Stem rust epidemics and wheat breeding. L. R. Waldron. (N.Dak. Sta. Circ. 57. 1935.) State College Station, Fargo.
- Some physiological studies with calcium cyanamide and certain of its decomposition products. R. M. Smock. (Ohio Sta. Bul. 555. 1935.) Wooster.
- Rubber-tired equipment for farm machinery. G. W. McCuen and E. A. Silver. (Ohio Sta. Bul. 556. 1935.) Wooster.
- The livestock auction in Ohio. P. S. Eckert and G. F. Henning. (Ohio Sta. Bul. 557. 1935.) Wooster.
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- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., Vol. 8, no. 6. 1935.) Stillwater.
- Pasture fertilization. F. D. Gardner et al. (Pa. Sta. Bul. 323. 1935.) State College.
- Alfalfa-seed investigations in Utah. J. W. Carlson. (Utah Sta. Bul. 258. 1935.) Logan.
- Commercial feeding stuffs. L. S. Walker and E. F. Boyce. (Vt. Sta. Bul. 399. 1935.) Burlington.
- The digestibility of artificially dried roughages. J. A. Newlander. (Vt. Sta. Bul. 400. 1935.) Burlington.
- A social study of the Blacksburg community. W. E. Garnett. (Va. Sta. Bul. 299. 1935.) Blacksburg.
- Mineral supplements for laying hens. M. W. Miller and G. E. Bearse. (Wash. Sta. Bul. 320. 1935.) Pullman.
- The comparative efficiency of various proteins for growing chicks. J. S. Carver et al. (Wash. Sta. Bul. 321. 1935.) Pullman.
- Forty years of weather records. F. E. Hepner. (Wyo. Sta. Bul. 209. 1935.) Laramie.
- Crossbreeding with western ewes. F. S. Hultz, J. A. Gorman and S. S. Wheeler. (Wyo. Sta. Bul. 210. 1935.) Laramie.
- The Wyoming straw-loft poultry house. M. O. North. (Wyo. Sta. Bul. 211. 1935.) Laramie.

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Effect of harvesting, spacing and age of plants on yields of asparagus. E. S. Haber. (Iowa Sta. Bul. 339. 1935.) Ames.

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- Reduction of acetyl methyl carbinol and diacetyl to 2, 3-butylene glycol by the citric acid fermenting streptococci of butter cultures. B. W. Hammer et al. (Iowa Sta. Res. Bul. 191. 1935.) Ames.
- Types of farming in Kentucky. B. Poundstone and W. J. Roth. (Ky. Sta. Bul. 357. 1935.) Lexington.
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- Inspection and certification of nurseries in Kentucky with a brief report for the year ended June 1, 1935. W. A. Price and H. G. Tilson. (Ky. Sta. Regulatory Ser. Bul. 8. 1935.) Lexington.
- Forty-seventh annual report of the Kentucky Agricultural Experiment Station for the year 1934, Part II (Bulletins 346-355, Circulars 41-43). [1935]. Lexington.
- Commercial fertilizers, 1935. E. R. Tobey. (Maine Sta. Off. Insp. 157. 1935.) Orono.
- Changes in the chemical composition of green snap beans after harvest. M. W. Parker and N. W. Stuart. (Md. Sta. Bul. 383. 1935.) College Park.
- The forty-seventh annual report of the Maryland Agricultural Experiment Station for the fiscal year ending June 30, 1934. H. J. Patterson. 1935. College Park.
- Meteorological observations for July, 1935. C. I. Gunness. (Mass. Sta. Met. Bul. 559. 1935.) Amherst.
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- Meteorological observations for September, 1935. C. I. Gunness. (Mass. Sta. Met. Bul. 561. 1935.) Amherst.
- Meteorological observations for October, 1935. C. I. Gunness. (Mass. Sta. Met. Bul. 562. 1935.) Amherst.
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- Creamery business analysis. L. L. Ullyot and H. F. Hollands. (Minn. Sta. Bul. 322. 1935.) University Farm, St. Paul.
- The effect of high temperature on the confused flour beetle. M. J. Oosthuizen. (Minn. Sta. Tech. Bul. 107. 1935.) University Farm, St. Paul.
- A compilation of experimental data on cotton fertilizers applicable to the hill sections of Mississippi. C. F. Clark. (Miss. Sta. Bul. 309. 1935.) State College.
- Some economic aspects of the farm poultry enterprise. H. E. Golden. (Mo. Sta. Res. Bul. 227. 1935.) Columbia.
- Factors affecting farm land values in Missouri. G. H. Hammar. (Mo. Sta. Res. Bul. 229. 1935.) Columbia.
- Comparison of some methods of growing onions. C. C. Starring. (Mont. Sta. Bul. 305. 1935.) Bozeman.
- Readjusting Montana's agriculture. I. The need and basis for readjustment. R. R. Renne. (Mont. Sta. Bul. 306. 1935.) Bozeman.
- Nebraska tractor tests, 1920-1935. E. E. Brackett et al. (Nebr. Sta. Bul. 296. 1936.) Lincoln.
- Broad relationships between microorganisms and soil fertility. J. G. Lipman and R. L. Starkey. (N.J. Sta. Bul. 595. 1935.) New Brunswick.
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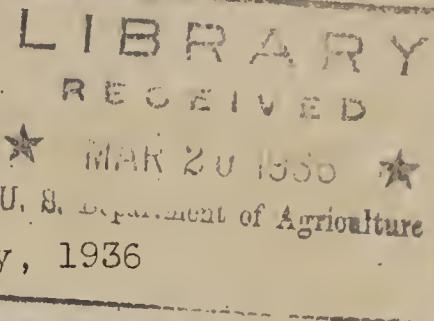
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- New Jersey poultry rations. C. S. Platt. (N. J. Sta. Hints to Poultrymen, vol. 23, no. 1. 1935.) New Brunswick.
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- Cornell Agricultural Experiment Station, forty-eighth annual report, 1935. C. E. Ladd et al. 1936. Ithaca.
- Mosaic of the Refugee bean. A. L. Harrison. (N.Y. State Sta. Bul. 656. 1935.) Geneva.
- Random notes on fruit tree rootstocks and plant propagation, II. H. B. Tukey and K. D. Brase. (N.Y. State Sta. Bul. 657. 1935.) Geneva.
- Transmission of bean mosaic. A. L. Harrison. (N.Y. State Sta. Tech. Bul. 236. 1935.) Geneva.
- Lysimeter investigations: IV. Water movement, soil temperatures, and root activity under apple trees. R. C. Collison. (N.Y. State Sta. Tech. Bul. 237. 1935.) Geneva.
- Fifty-fourth annual report [New York State Agricultural Experiment Station] for the fiscal year ended June 30, 1935. U. P. Hedrick. [1936]. Geneva.
- Lespedeza and alfalfa hay for dairy cows. C. D. Grinnells. (N.C. Sta. Bul. 302. 1935.) State College Station, Raleigh.
- The pen barn and separate milking room. H. F. McColly and J. R. Dice. (N. Dak. Sta. Bul. 283. 1935.) State College Station, Fargo.
- Homemade six-volt wind electric plants. H. F. McColly and F. Buck. (N. Dak. Sta. Circ. 58. 1935.) State College Station, Fargo.
- Growth, reproduction, and lactation of dairy cattle fed dry rations varying in mineral and vitamin contents. I. R. Jones, J. R. Haag and P. M. Brandt. (Oreg. Sta. Bul. 329. 1934.) Corvallis.
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- Six years of progress in improving the quality and standardizing the composition of Oregon butter. G. H. Wilster. (Oreg. Sta. Bul. 335. 1935.) Corvallis.
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- Winter-finishing two-year-old grass steers. M. Jacob and H. R. Duncan. (Tenn. Sta. Bul. 156. 1935.) Knoxville.
- Seasonal variations of growth in weight and height of Texas school children. J. Whitacre. (Tex. Sta. Bul. 510. 1935.) College Station.
- Progress in the study of the mechanical harvesting of cotton. H. P. Smith et al. (Tex. Sta. Bul. 511. 1935.) College Station.
- The vitamin A requirements of hens for egg production. R. M. Sherwood and G. S. Fraps. (Tex. Sta. Bul. 514. 1935.) College Station.
- Availability of nitrous nitrogen to plants. G. S. Fraps and A. J. Sterges. (Tex. Sta. Bul. 515. 1935.) College Station.
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- Commercial fertilizers in 1934-35. G. S. Fraps and S. E. Asbury. (Tex. Sta. Bul. 517. 1935.) College Station.
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- Base exchange properties of some typical Texas soils. G. S. Frans and J. F. Fudge. (Tex. Sta. Bul. 520. 1935.) College Station.
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- Relief wheat. D. C. Tingey and R. W. Woodward. (Utah Sta. Bul. 264. 1935.) Logan.
- How farmers adjust when prices fall. D. R. Mitchell. (Wis. Sta. Bul. 431. 1935.) Madison.

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Irrigation experiments with wheat. A. T. Bartel and C. Hobart. (Ariz. Sta. Bul. 151. 1935.) Tucson.

Oxidation of sulphur in Arizona soils and its effect on soil properties. W. T. McGeorge and R. A. Greene. (Ariz. Sta. Tech. Bul. 59. 1935.) Tucson.

Bang's disease in a naturally infected herd. F. M. Hayes and E. H. Barger.-

Brucella abortus shedder conditions in twenty cows. B. S. Henry, C. M. Haring and J. Traum. (Hilgardia [Calif. Sta.], Vol. 9, no. 11. 1935.) Berkeley.

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The eastern tent caterpillar. W. E. Britton. (Conn. State Sta. Bul. 378. 1935. New Haven.

Cutting experiments with Bahia grass grown in lysimeters. W. A. Leukel and R. M. Barnette. (Fla. Sta. Bul. 286. 1935.) Gainesville.

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Inspection of agricultural seeds. H. R. Kraybill et al. (Ind. Sta. Circ. 213. 1935.) Lafayette.

Management of Kansas permanent pastures. A. E. Aldous. (Kans. Sta. Bul. 272. 1935.) Manhattan.

Seasonal and short-time fluctuations in wheat prices in relation to the wheat-price cycle. R. M. Green. (Kans. Sta. Tech. Bul. 39. 1935.) Manhattan.

Twenty years of soil fertility investigations. R. I. Throckmorton and F. L. Duley (Kans. Sta. Tech. Bul. 40. 1935.) Manhattan.

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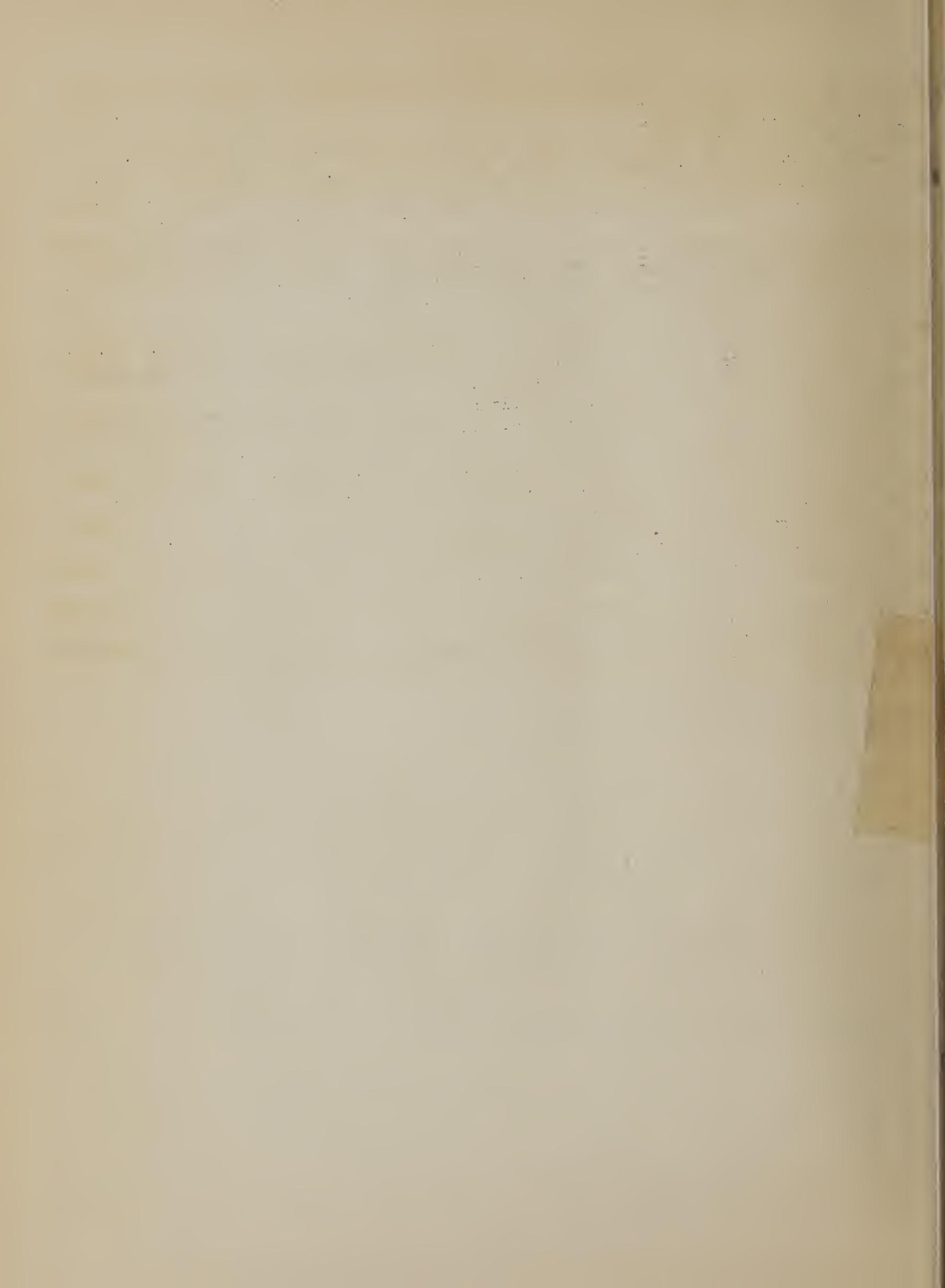
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- The respiration of insects in relation to the heating and the fumigation of grain. D. L. Lindgren. (Minn. Sta. Tech. Bul. 109. 1935.) University Farm. St. Paul.
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- North Carolina farm housing. E. W. Stevens and H. Estabrook. (N.C. Sta. Bul. 301. 1935.) State College Station, Raleigh.
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- Shriveled light weight wheat, is it suitable for seed? T. A. Stoa, W. E. Brentzel and E. C. Higgins. (N. Dak. Sta. Circ. 59. 1936.) Fargo.
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- The common black field cricket, a serious pest in South Dakota. H. C. Severin. (S. Dak. Sta. Bul. 295. 1935.) Brookings.

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- Phosphorus supplements improve sugar-beet by-product rations for cattle. E. J. Maynard, J. E. Greaves and H. H. Smith. (Utah Sta. Bul. 265. 1936.) Logan.
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- Milk-production costs in West Virginia: I, A study of the costs incurred by 51 farms in the Morgantown and Fairmont markets in 1934-1935. L. F. Herrmann, R. O. Stelzer and G. A. Bowling. (W. Va. Sta. Bul. 268. 1936.) Morgantown.
- Consumer preferences for cheese. A. Hobson and M. A. Schaars. (Wis. Sta. Res. Bul. 128. 1935.) Madison.
- The carbohydrate-nitrogen relation in symbiotic nitrogen fixation. P. W. Wilson. (Wis. Sta. Res. Bul. 129. 1935.) Madison.
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- Effect of storage upon the vitamin C. content of Wyoming potatoes. E. J. Thiessen. (Wyo. Sta. Bul. 213. 1936.) Laramie.
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LIST OF STATION PUBLICATIONS

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The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Some aspects of citrus tree decline as revealed by soil and plant studies. W. T.

McGeorge. (Ariz. Sta. Tech. Bul. 60. 1936.) Tucson.

Efficiency of single and double restrictions in randomized field trials with cotton when treated by the analysis of variance. V. A. Pope. (Ark. Sta. Bul. 326. 1936.) Fayetteville.

Four new citrus varieties: The Kara, Kinnow, and Wilking mandarins and the Trovita orange. H. B. Frost. (Calif. Sta. Bul. 597. 1935.) Berkeley.

Some economic aspects of regulating shipments of California oranges. H. R. Wellman. (Calif. Sta. Circ. 338. 1936.) Berkeley.

Peach mosaic disease in Colorado. E. W. Bodine. (Colo. Sta. Bul. 421. 1936.) Fort Collins.

Grape growing in Colorado. G. Beach. (Colo. Sta. Bul. 424. 1936.) Fort Collins..

The influence of various factors, including altitude, in the production of angel food cake. M. A. Barmore. (Colo. Sta. Tech. Bul. 15. 1936.) Fort Collins.

Forty-eighth annual report of the Colorado Agricultural Experiment Station for the fiscal year 1934-1935. E. P. Sandsten. [1936]. Fort Collins.

Insect pests of growing tobacco in Connecticut. D. S. Lacroix. (Conn. State Sta. Bul. 379. 1935.) New Haven.

Sand culture of seedlings. A. A. Dunlap. (Conn. State Sta. Bul. 380. 1936.) New Haven.

Pasture investigations: Sixth report, Seasonal variations in the reaction, nitrates and ammonia of soil from differently fertilized permanent pastures.

H. Dorsey and B. A. Brown. (Conn. Storrs Sta. Bul. 206. 1935.) Storrs.

Pasture value of different grasses, alone and in mixture. G. E. Ritchey and W. W. Henley. (Fla. Sta. Bul. 289. 1936.) Gainesville.

A study of some trace elements in fertilizer materials. L. W. Gaddum and L. H. Rogers. (Fla. Sta. Bul. 290. 1936.) Gainesville.

Relative susceptibility of some annual ornamentals to root-knot. C. C. Goff. (Fla. Sta. Bul. 291. 1936.) Gainesville.

Fifteenth annual report [Georgia Coastal Plain Experiment Station] 1934-1935. S. H. Starr. [1936]. Tifton.

A manual of group discussion. L. S. Judson. (Ill. Sta. Circ. 446. 1936.) Urbana.

Directions for spraying fruits in Illinois. (Ill. Sta. Circ. 447. 1936.) Urbana.

New wilt-resistant tomato varieties for field and greenhouse. W. A. Huelsen. (Ill. Sta. Circ. 448. 1936.) Urbana.

Avitaminoses in animals. R. Graham, H. H. Mitchell and V. M. Michael. (Ill. Sta. Circ. 449. 1936.) Urbana.

Part-time and garden farming in Iowa. R. E. Wakeley. (Iowa Sta. Bul. 340. 1935.) Ames.

- Tree fruits for Iowa. H. L. Lantz. (Iowa Sta. Bul. 341. 1935.) Ames.
Freight costs of moving Iowa feed grains from surplus to deficit areas. R. C. Bentley. (Iowa Sta. Bul. 342. 1936.) Ames.
The 1935 Iowa corn yield test. J. L. Robinson and M. M. Rhoades. (Iowa Sta. Bul. 343. 1936.) Ames.
Influences of rations and storage on the physical characteristics of eggs. F. D. Perry. (Iowa Sta. Res. Bul. 192. 1936.) Ames.
A method of analyzing the effectiveness of local livestock cooperatives in selling hogs. S. H. Thompson and P. L. Miller. (Iowa Sta. Res. Bul. 193. 1936.) Ames.
Report on agricultural research [report of the Iowa] Agricultural Experiment Station for the year ending June 30, 1935. R. E. Buchanan et al. 1935. Ames.
The effect of the plane of nutrition of ewes upon their wool, lamb, and milk production. M. G. Snell. (La. Sta. Bul. 269. 1936.) Baton Rouge.
Irish potato investigations. J. C. Miller and W. D. Kimbrough. (La. Sta. Bul. 272. 1936.) Baton Rouge.
Commercial agricultural seeds, 1935. G. P. Steinbauer. - Insecticides and fungicides, 1935. E. R. Tobey. (Maine Sta. Off. Insp. 158. 1935.) Orono.
Wormseed oil production. G. S. Weiland, L. B. Broughton and J. E. Metzger. (Md. Sta. Bul. 384. 1935.) College Park.
Broiler production: An adjustable broiler ration; an adjustable range feeder. R. H. Waite. (Md. Sta. Bul. 385. 1935.) College Park.
Effect of fertilizer treatments of a soil on the quality and yield of tomatoes. R. P. Thomas. (Md. Sta. Bul. 386. 1935.) College Park.
Part I. The effect of Bang's disease on milk production. A. Gow, Jr. and A. B. Hamilton. Part II. Udder infection in Bang's disease. C. L. Everson, L. J. Poelma and A. L. Brueckner. (Md. Sta. Bul. 387. 1935.) College Park.
Soft-curd milk studies. M. H. Berry. (Md. Sta. Bul. 388. 1935.) College Park.
Seed inspection. F. A. McLaughlin. (Mass. Sta. Control Ser. Bul. 80. 1935.) Amherst.
Inspection of commercial fertilizers. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 81. 1935.) Amherst.
Meteorological observations for December, 1935. C. I. Gunness. (Mass. Sta. Met. Bul. 564. 1935.) Amherst.
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An economic study of the potato enterprise in Michigan. P. F. Aylesworth. (Mich. Sta. Spec. Bul. 267. 1935.) East Lansing.
The solubility of applied nutrients in muck soils and the composition and quality of certain muck crops as influenced by soil reaction changes and moisture conditions. W. S. Ligon. (Mich. Sta. Tech. Bul. 147. 1935.) East Lansing.
On the control of tapeworm infestation in chickens with notes on the pathology of the intestines of the hosts. H. J. Stafseth. (Mich. Sta. Tech. Bul. 148. 1935.) East Lansing.
The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 18, No. 3. 1936.) East Lansing.
Thatcher wheat. H. K. Hayes et al. (Minn. Sta. Bul. 325. 1936.) University Farm, St. Paul.
Heart rot of balsam fir in the Lake States, with special reference to forest management. F. Kaufert. (Minn. Sta. Tech. Bul. 110. 1935.) University Farm, St. Paul.

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- Readjusting Montana's agriculture: II. Montana farm prices. P. L. Slagsvold.
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- Readjusting Montana's agriculture: III. Population resources and prospects.
R. R. Renne and C. F. Kraenzel. (Mont. Sta. Bul. 309. 1936.) Bozeman.
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- Grain and forage sorghum varieties at the North Platte Experimental Substation:
L. L. Zook. (Nebr. Sta. Bul. 297. 1936.) Lincoln.
- Forty-ninth annual report of the Agricultural Experiment Station of Nebraska,
1935. W. W. Burr. 1936. Lincoln.
- Inspection of commercial fertilizers for 1935, made for the State department of
agriculture. T. O. Smith and H. A. Davis. (N.H. Sta. Bul. 288. 1935.)
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- Analyses of commercial fertilizers, fertilizer supplies, and home mixtures for
1935. C. S. Cathcart. (N.J. Sta. Bul. 597. 1935.) New Brunswick.
- Early results of peach breeding in New Jersey. M. A. Blake and C. H. Connors,
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- Analyses of commercial fertilizers and ground bone; analyses of agricultural
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- Liming lawn soils. H. B. Sprague. (N.J. Sta. Circ. 362. 1936.) New Brunswick.
- Onion fertilizer experiments. A. B. Fite. (N. Mex. Sta. Bul. 233. 1935.)
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- Tax delinquency on rural real estate in New Mexico. R. P. Callaway and P. W.
Cockerill. (N. Mex. Sta. Bul. 234. 1935.) State College.
- Measurements of family relationships in farm families of central New York.
H. W. Beers. (N.Y. (Cornell) Sta. Mem. 183. 1935.) Ithaca.
- Pollination and life-history studies of the tomato (Lycopersicon esculentum
Mill.). O. Smith. (N.Y. (Cornell) Sta. Mem. 184. 1935.) Ithaca.
- Effect of narrow ranges of wave-lengths of radiant energy, and other factors, on
the reproductive growth of long-day and short-day plants. N. A. Schappelle.
(N. Y. (Cornell) Sta. Mem. 185. 1936.) Ithaca.
- The relative vigor and productivity of potato plants from basal and apical sets
cut from tubers in different stages of sprouting. F. C. Stewart. (N.Y. State
Sta. Bul. 658. 1936.) Geneva.
- Fertilizer placement for cannery peas. C. B. Sayre and G. A. Cumings. (N.Y.
State Sta. Bul. 659. 1936.) Geneva.
- Use of graphite to prevent clogging of drills when sowing dusted pea seed.
E. L. Arnold and J. G. Horsfall. (N.Y. State Sta. Bul. 660. 1936.) Geneva.
- Fertilizer experiments in the Morganthau orchard, six years' results with nineteen
treatments. R. C. Collison and L. C. Anderson. (N.Y. State Sta. Bul. 661.
1936.) Geneva.
- Studies on the manufacture of Trappist type cheese. J. C. Marquardt. (N.Y. State
Sta. Bul. 662. 1936.) Geneva.
- The quality of flower seeds on sale in New York. M. T. Munn and R. E. Munn.
(N.Y. State Sta. Bul. 663. 1936.) Geneva.
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- Some effects of breeding ewe lambs. H. M. Briggs. (N. Dak. Sta. Bul. 285. 1936.)
Fargo.
- The use of artificial light and reduction of the daylight period for flowering
plants in the greenhouse. G. H. Poesch and A. Laurie. (Ohio Sta. Bul. 559.
1935.) Wooster.

- Public revenue in Ohio with especial reference to rural taxation. H. R. Moore and J. I. Falconer. (Ohio Sta. Bul. 560. 1936.) Wooster.
- Spraying program and pest control for fruit crops. (Ohio Sta. Bul. 562. 1936.) Wooster.
- Revised nomenclature of soil-type names used in Ohio soil surveys. G. W. Conrey and E. M. Burrage. (Ohio Sta. Spec. Circ. 47. 1936.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 179. 1936.) Wooster.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., Vol. 9, no. 1. 1936.) Stillwater.
- The blackberry mite in Oregon (Eriophyes essigi Hassan). W. D. Edwards et al. (Oreg. Sta. Bul. 337. 1935.) Corvallis.
- Methods of controlling the composition of Oregon butter. G. H. Wilster. (Oreg. Sta. Bul. 338. 1935.) Corvallis.
- The marketing of country-dressed meat in Portland. B. W. Rodenwold, A. W. Oliver, and E. L. Potter. (Oreg. Sta. Bul. 339. 1935.) Corvallis.
- Part-time farming in Oregon. G. W. Kuhlman, T. J. Flippin and E. J. Niederfrank. (Oreg. Sta. Bul. 340. 1935.) Corvallis.
- Spray residue information for the orchardist and fruit packer. R. H. Robinson and M. B. Hatch. (Oreg. Sta. Bul. 341. 1935.) Corvallis.
- The occurrence in pears of metabolic gases other than carbon dioxide. E. Hansen and H. Hartman. (Oreg. Sta. Bul. 342. 1935.) Corvallis.
- Inspection of fertilizers. W. L. Adams and A. S. Knowles, Jr. (R.I. Sta. Ann. Fert. Circ. 1935.) Kingston.
- Vitamin D in milk. T. M. Olson and G. C. Wallis. (S. Dak. Sta. Bul. 296. 1935.) Brookings.
- The hardness of cottonseed cake as related to its suitability for feeding. G. S. Fraps and C. D. Marrs. (Tex. Sta. Bul. 523. 1936.) College Station.
- Truck crop investigations; Cabbage fertilization in southwest Virginia. M. M. Parker. (Va. Truck Sta. Bul. 88. 1935.) Norfolk.
- Wheat inheritance: Reaction to four bunt biotypes, spike density, and seed color. A. M. Schlehuber. (Wash. Sta. Bul. 323. 1935.) Pullman.
- Mosaic and related diseases of raspberries in Washington. L. K. Jones and K. E. Baur. (Wash. Sta. Bul. 324. 1936.) Pullman.
- Forty-fifth annual report for the fiscal year ended June 30, 1935. E. C. Johnson et al. (Wash. Sta. Bul. 325. 1935.) Pullman.
- Top and double-working apple trees. R. H. Roberts. (Wis. Sta. Bul. 432. 1936.) Madison.
- Packaging American cheese. W. V. Price. (Wis. Sta. Res. Bul. 130. 1935.) Madison.
- Forces affecting Wisconsin agriculture with resulting types of farming. P. E. McNall and W. J. Roth. (Wis. Sta. Res. Bul. 131. 1935.) Madison.

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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during April, 1936

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

A study of the uniformity of soil types and of the fundamental differences between the different soil series. F. L. Davis. (Ala. Sta. Bul. 244. 1936.) Auburn.

Plant protectors and other factors influencing earliness and production of cantaloupes. G. W. Ware. (Ark. Sta. Bul. 324. 1936.) Fayetteville.

The black widow. W. J. Baerg. (Ark. Sta. Bul. 325. 1936.) Fayetteville.

A rating of California soils. W. W. Weir and R. E. Storie. (Calif. Sta. Bul. 599, accompanied by four maps in separate folder. 1936.) Berkeley.

Nitrogen trichloride and other gases as fungicides. L. J. Klotz. (Hilgardia [Calif. Sta.], Vol. 10, no. 2. 1936.) Berkeley.

A study of some abnormalities occurring in certain potato varieties in Colorado. R. D. Anderson. (Colo. Sta. Tech. Bul. 16. 1936.) Fort Collins.

Report of the director for the year ending October 31, 1935. W. L. Slate. (Conn. (State) Sta. Bul. 381. 1936.) New Haven.

Termite control in buildings in Connecticut. N. Turner and J. F. Townsend. (Conn. (State) Sta. Bul. 382. 1936.) New Haven.

Report of the director for the year ending June 30, 1935. W. L. Slate. (Conn. (Storrs) Sta. Bul. 207. 1935.) Storrs.

Pasture investigations: Seventh report, Species and varieties of grasses and legumes for pastures. B. A. Brown and R. I. Munsell. (Conn. (Storrs) Sta. Bul. 208. 1936.) Storrs.

The use of zinc sulphate under corn and other field crops. R. M. Barnette et al. (Fla. Sta. Bul. 292. 1936.) Gainesville.

Grade and staple length of cotton produced in Georgia, 1928-35. N. M. Penny. (Ga. Sta. Circ. 107. 1936.) Experiment.

Better plowing. T. Cleaver and R. I. Shawl. (Ill. Sta. Circ. 450. 1936.) Urbana.

Growing tomatoes in Illinois, problems in producing for market and canning. W. A. Huelsen. (Ill. Sta. Circ. 451. 1936.) Urbana.

Electricity serves the farm household. G. M. Redfield and T. E. Henton. (Ind. Sta. Circ. 214. 1936.) Lafayette.

Flax as an Iowa crop. C. S. Reddy and L. C. Burnett. (Iowa Sta. Bul. 344. 1936.) Ames.

An external measure of egg viscosity. H. L. Wilcke. (Iowa Sta. Res. Bul. 194. 1936.) Ames.

The pathological relationship between the host and parasite in varieties and strains of watermelons resistant to Fusarium niveum E.F.S. J. J. Wilson. (Iowa Sta. Res. Bul. 195. 1936.) Ames.

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Soil moisture and winter wheat with suggestions on abandonment. A. L. Hallsted and O. R. Mathews. (Kans. Sta. Bul. 273. 1936.) Manhattan.

Grape growing in Kansas. R. J. Barnett. (Kans. Sta. Circ. 177. 1935.) Manhattan.

- Poultry management. L. F. Payne. (Kans. Sta. Circ. 178. 1936.) Manhattan.
Asparagus investigations in south Louisiana. W. D. Kimbrough. (La. Sta. Bul. 270. 1936.) Baton Rouge.
- Changes in the oxidation-reduction equilibrium in soils as related to the physical properties of the soil and the growth of rice. M. B. Sturgis. (La. Sta. Bul. 271. 1936.) Baton Rouge.
- Summary report of progress, 1933; financial statement for the fiscal year ending June 30, 1935. F. Griffey. (Maine Sta. Bul. 380. 1935.) Orono.
- Menhaden oils as an antirachitic supplement for poultry. W. C. Supplee and C. F. Lee. (Md. Sta. Bul. 389. 1935.) College Park.
- An economic study of the broiler industry. P. R. Poffenberger, S. H. DeVault, and A. B. Hamilton. (Md. Sta. Bul. 390. 1936.) College Park.
- Naphthalene as a greenhouse fumigant. W. D. Whitcomb. (Mass. Sta. Bul. 326. 1935.) Amherst.
- Inspection of agricultural lime products. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 82. 1935.) Amherst.
- Meteorological observations for March, 1936. C. I. Gunness. (Mass. Sta. Met. Bul. 567. 1936.) Amherst.
- Alfalfa in Michigan. H. H. Musselman et al. (Mich. Sta. Circ. 154. 1936.) East Lansing.
- Quadrennial report of the South Mississippi Branch Experiment Station [1932-1935]. J. C. Robert and S. R. Greer. (Miss. Sta. Bul. 310. 1935.) State College.
- Registration, labeling, and inspection of commercial fertilizers, 1935. F. B. Mumford, L. D. Haigh, and E. W. Cowan. (Mo. Sta. Bul. 361. 1936.) Columbia.
- Soil conservation in an improved agriculture. M. F. Miller. (Mo. Sta. Bul. 362. 1936.) Columbia.
- Fertilizing fruit trees with nitrogen. A. E. Murneek. (Mo. Sta. Bul. 363. 1936.) Columbia.
- Farm prices and quality of Missouri cotton. L. D. Howell, J. S. Burgess, Jr., and F. L. Thomsen. (Mo. Sta. Res. Bul. 233. 1936.) Columbia.
- The effect of udder irrigation and milking interval on milk secretion. E. R. Garrison and C. W. Turner. (Mo. Sta. Res. Bul. 234. 1936.) Columbia.
- A study of the involution of the mammary gland of the goat. C. W. Turner and E. P. Reineke. (Mo. Sta. Res. Bul. 235. 1936.) Columbia.
- Testing milk and cream. H. A. Herman. (Mo. Sta. Circ. 189. 1936.) Columbia.
- Missouri apple spraying, recommendations for 1936. T. J. Talbert et al. (Mo. Sta. Circ. 190. 1936.) Columbia.
- Plant propagation by seedage, cuttage, layerage, and separation. T. J. Talbert. (Mo. Sta. Circ. 191. 1936.) Columbia.
- Readjusting Montana's agriculture: V, Economic changes in Montana's range livestock production. M. H. Saunderson. (Mont. Sta. Bul. 311. 1936.) Bozeman.
- Oats and dried molasses beet pulp for supplementing alfalfa hay in winter rations for breeding ewes. W. F. Dickson and F. Barnum. (Mont. Sta. Bul. 312. 1936.) Bozeman.
- The relationship between tree-growth and stream runoff in the Truckee River Basin, California-Nevada. G. Hardman and O. E. Reil. (Nev. Sta. Bul. 141. 1936.) Reno.
- Ranch and range balance, the public lands and ranch stability in Nevada. C. E. Fleming et al. (Nev. Sta. Bul. 142. 1936.) Reno.
- Summary of results of seed and legume inoculant inspection for 1935. J. G. Fiske. (N. J. Sta. Bul. 598. 1936.) New Brunswick.
- The bagworm (Thridopteryx ephemeraeformis Harv.). C. C. Hamilton. (N. J. Sta. Circ. 363. 1936.) New Brunswick.

- What is state certified seed? H. B. Sprague. (N. J. Sta. Circ. 364. 1936.)
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- Fertilizers for early cabbage. A. B. Fite. (N. Mex. Sta. Bul. 235. 1936.)
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- Results of bean experiments on the Storrie Irrigation Project, Las Vegas, N. M.
F. Garcia and S. Utz. (N. Mex. Sta. Bul. 236.) State College.
- An economic study of land utilization in Chemung County, New York. T. E. La Mont.
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- Seedlessness in grapes. A. B. Stout. (N. Y. State Sta. Tech. Bul. 238. 1936.)
Geneva.
- Fifty-fourth annual report of the Ohio Agricultural Experiment Station for the year
ended June 30, 1935. C. G. Williams. (Ohio Sta. Bul. 561. 1936.) Wooster.
- The root-weevils injurious to strawberries in Oregon. J. Wilcox, D. C. Mote, and
L. Childs. (Oreg. Sta. Bul. 330. 1934.) Corvallis.
- Peach diseases and their control in Tennessee. C. D. Sherbakoff and J. O. Andes.
(Tenn. Sta. Bul. 157. 1936.) Knoxville.
- Control of broom sedge. L. R. Neel. (Tenn. Sta. Circ. 57. 1936.) Knoxville.
- A social and economic survey of the Spencer soil-conservation area. F. D. Cornell,
Jr. (W. Va. Sta. Bul. 269. 1936.) Morgantown.
- Lime, its need and use in West Virginia. W. H. Pierre and G. G. Pohlman. (W. Va.
Sta. Circ. 71. 1936.) Morgantown.
- Produce good eggs for hatching. J. G. Halpin and C. E. Holmes. (Wis. Sta.
Bul. 433. 1936.) Madison.
- Chick feeding. J. G. Halpin and C. E. Holmes. (Wis. Sta. Bul. 434. 1936.)
Madison.

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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during May 1936.

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- Can live stock be raised profitably in Alabama? G. W. Carver. (Ala. Tuskegee Sta. Bul. 41. 1936.) Tuskegee Institute.
- Precooling and shipping California asparagus. W. T. Pentzer et al. (Calif. Sta. Bul. 600. 1936.) Berkeley.
- The cyclamen mite, Tarsonemus pallidus, and its control on field strawberries. L. M. Smith and E. V. Goldsmith. (Hilgardia[Calif. Sta.], Vol. 10, no. 3. 1936. Berkeley.
- The Parshall measuring flume. R. L. Parshall. (Colo. Sta. Bul. 423. 1936.) Fort Collins.
- Timber milk vetch as a poisonous plant. I. E. Newsom et al. (Colo. Sta. Bul. 425. 1936.) Fort Collins.
- Insect and mite pests of the peach in Colorado. G. M. List and J. H. Newton. (Colo. Sta. Bul. 427. 1936.) Fort Collins.
- Ground soybeans as a protein supplement for laying birds. A. E. Tomhave and C. W. Mumford. (Del. Sta. Bul. 197. 1936.) Newark.
- Grape leaf-hopper and grape-berry moth investigations. L. A. Stearns, W. R. Haden, and L. L. Williams. (Del. Sta. Bul. 198. 1936.) Newark.
- The etiology of fowl paralysis, leukemia and allied conditions in animals: III, The intestinal flora of chickens affected with enteritis associated with intestinal parasitism; IV, the pathologic manifestations of the causal micro-organisms in the fowl. M. W. Emmel. (Fla. Sta. Bul. 293. 1936.) Gainesville.
- Spraying experiments for the control of certain grape diseases. K. W. Loucks. (Fla. Sta. Bul. 294. 1936.) Gainesville.
- The tung-oil tree in Georgia. H. L. Cochran. (Ga. Sta. Circ. 108. 1936.) Experiment.
- Report of the Hawaii Agricultural Experiment Station, 1935. J. M. Westgate. 1936. Honolulu.
- Some bacteriological and chemical effects of calcium and magnesium limestones on certain acid Iowa soils. H. L. Dean and R. H. Walker. (Iowa Sta. Res. Bul. 196. 1936.) Ames.
- The effects of liming on the liberation of potassium in some Iowa soils. H. C. Dean. (Iowa Sta. Res. Bul. 197. 1936.) Ames.
- Incubation experiments with turkey eggs. J. H. Martin and W. M. Insko, Jr. (Ky. Sta. Bul. 359. 1935.) Lexington.
- A leafhopper pest of clover and alfalfa. H. H. Jewett. (Ky. Sta. Circ. 44. 1936.) Lexington.
- Diseases of sugar beets in Louisiana. C. W. Edgerton and E. C. Tims. (La. Sta. Bul. 273. 1936.) Baton Rouge.
- Summary report of the North Louisiana Experiment Station, Calhoun, Louisiana, 1935. S. Stewart. [1936]. Baton Rouge.
- The relation of physical properties and chemical composition of red clover plants to winterhardiness. G. A. Greathouse and N. W. Stuart. (Md. Sta. Bul. 391. 1936.) College Park.

- Annual report for the fiscal year ending November 30, 1935. F. J. Sievers et al. (Mass. Sta. Bul. 327. 1936.) Amherst.
- Heavy mulching in bearing apple orchards. J. K. Shaw and L. Southwick. (Mass. Sta. Bul. 328. 1936.) Amherst.
- Winter pause in Rhode Island Reds. F. A. Hays. (Mass. Sta. Bul. 329. 1936.) Amherst.
- The production-consumption balance of agricultural products in Michigan: Part II, Livestock and animal products. G. N. Motts. (Mich. Sta. Spec. Bul. 269. 1936.) East Lansing.
- Pathology of rickets in dairy calves. H. E. Bechtel et al. (Mich. Sta. Tech. Bul. 150. 1936.) East Lansing.
- Pollination of the highbush blueberry. T. A. Merrill. (Mich. Sta. Bul. 151. 1936.) East Lansing.
- Selection of orchard sites in southern Michigan. N. L. Partridge and J. O. Veatch. (Mich. Sta. Circ. 155. 1936.) East Lansing.
- Management of bent grass lawns. J. Tyson. (Mich. Sta. Circ. 156. 1936.) East Lansing.
- A study of the demand for potatoes in the Twin Cities. L. F. Garey. (Minn. Sta. Bul. 324. 1935.) University Farm, St. Paul.
- Minnesota corn hybrids. I. J. Johnson et al. (Minn. Sta. Bul. 326. 1936.) University Farm, St. Paul.
- Forty-second annual report of the [Minnesota] Agricultural Experiment Station, July 1, 1934 to June 30, 1935. A. Boss. [1936]. University Farm, St. Paul.
- A comparison of the tube, rapid serum, and rapid blood drop agglutination tests for the detection of carriers of Salmonella pullorum. G. R. Sipe and H. D. Polk. (Miss. Sta. Bul. 306. 1935.) State College.
- The cherry aphid and cherry maggot of the Flathead Valley. R. D. Eichmann. (Mont. Sta. Bul. 313. 1936.) Bozeman.
- The Virginia creeper leaf-hopper. J. H. Pepper and H. B. Mills. (Mont. Sta. Bul. 314. 1936.) Bozeman.
- Readjusting Montana's agriculture: VI, Montana's irrigation resources. P. L. Slagsvold. (Mont. Sta. Bul. 315. 1936.) Bozeman.
- Report on the investigation of phosphorus-deficient soils, 1935. J. R. Green and F. M. Harrington. (Mont. Sta. Bul. 316. 1936.) Bozeman.
- Pea vine silage as a feed for dairy cattle. J. O. Tretsvan. (Mont. Sta. Bul. 317. 1936.) Bozeman.
- A review of the experimental work with phosphate in Montana, 1928-1935. J. R. Green. (Mont. Sta. Circ. 148. 1936.) Bozeman.
- Protein requirements for finishing turkeys. F. E. Mussehl and C. W. Ackerson. (Nebr. Sta. Bul. 298. 1936.) Lincoln.
- The effect of pregnancy and parturition on the weight of dairy cows. R. F. Morgan and H. P. Davis. (Nebr. Sta. Res. Bul. 82. 1936.) Lincoln.
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Canawa, a new variety of soft red winter wheat. R.J. Garber and L. S. Bennett. (W. Va. Sta. Bul. 272. 1936.) Morgantown.

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Color of lean of beef as affected by grass and grain feeding. J. H. Longwell. (W. Va. Sta. Bul. 274. 1936.) Morgantown.

Sugar beet by-products for fattening lambs. A. S. Ingraham. (Wyo. Sta. Bul. 216. 1936.) Laramie.

Potato psyllid control. G. Hartman. (Wyo. Sta. Bul. 217. 1936.) Laramie.

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The movement of salt (alkali) in lettuce and other truck beds under cultivation.
W.T. McGeorge and M.F. Wharton. (Ariz. Sta. Bul. 152. 1936.) Tucson.

Oat production in Colorado, 1928-1935. D.W. Robertson et al. (Colo. Sta. Bul. 430. 1936.) Fort Collins.

Ants, how to combat them. W.P. Flint and W. E. McCauley. (Ill. Sta. Circ. 456. 1936.) Urbana.

It still pays to farm well. H.W. Mumford. (Ill. Sta. Circ. 458. 1936.) Urbana.

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V. C. Manhart. (Ind. Sta. Bul. 404. 1936.) Lafayette.

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The European corn borer in Indiana. G.A. Ficht. (Ind. Sta. Bul. 406. 1936.) Lafayette.

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The back-to-the land movement in southern Indiana. H.E. Moore and O.G. Lloyd. (Ind. Sta. Bul. 409. 1936.) Lafayette.

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A possible intermediate step in the reorganization of rural elementary education in Iowa. B. Morgan and W.H. Lancelot. (Iowa Sta. Res. Bul. 200. 1936.) Ames.

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Tobacco diseases. W.D. Valleau and E.M. Johnson. (Ky. Sta. Bul. 362. 1936.) Lexington.

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Sale of dairy products at roadside markets in Maryland. DeV. Meade and R.K. Mead. (Md. Sta. Bul. 394. 1936.) College Park.

The vaccination of baby chicks against fowl pox. H.M. DeVolt, I.M. Moulthrop and C.R. Davis. (Md. Sta. Bul. 395. 1936.) College Park.

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Relation of phosphorus to growth, nodulation and composition of soybeans. T.B. Hutchings. (Mo. Sta. Res. Bul. 243. 1936.) Columbia.

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An economic study of land utilization in Tioga County, New York. P. B. Jones. (N.Y. (Cornell) Sta. Bul. 648. 1936.) Ithaca.

Effect of packing materials on the flavor of storage eggs. P.F. Sharp, G.F. Stewart and J.C. Hutter. (N.Y. (Cornell) Sta. Mem. 189. 1936.) Ithaca.

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The supply and utilization of milk in Pennsylvania. T.K. Cowden and E.G. Fouse. (Pa. Sta. Bul. 327. 1936.) State College.

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Corn varieties for silage in Rhode Island. T.E. Odland and H.C. Knoblaugh. (R.I. Sta. Bul. 257. 1936.) Kingston.

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A study of the organization and management of farms in Grayson County, Virginia. J.J. Vernon, T.M. Dean and H.W. Hawthorne. (Va. Sta. Bul. 304. 1936.) Blacksburg.

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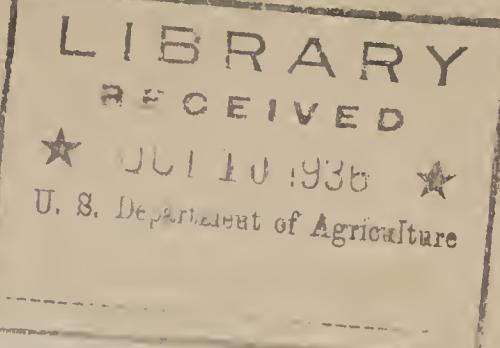
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Non-saccharine sorghums. C. K. McClelland. (Ark. Sta. Bul. 328. 1936.) Fayetteville.

Resistance of rice varieties to stem rot. E. M. Cralley. (Ark. Sta. Bul. 329. 1936.) Fayetteville.

Oversummering of fire blight pathogen, spraying for control of fire blight, and abscission induced by Erwinia amylovora and Phytoponas syringae. H. R. Rosen. (Ark. Sta. Bul. 330. 1936.) Fayetteville.

Horseflies of Arkansas. H. H. Schwardt. (Ark. Sta. Bul. 332. 1936.) Fayetteville.

Hay and pasture for sows during gestation and lactation. E. Martin. (Ark. Sta. Bul. 336. 1936.) Fayetteville.

Pyrethrum plant investigations in Colorado. C. B. Gnadinger, L. E. Evans and C. S. Corl. (Colo. Sta. Bul. 428. 1936.) Fort Collins.

Poisonous and injurious plants in Colorado. L.W.Durrell and I. E. Newsom. (Colo. Sta. Bul. 429. 1936.) Fort Collins.

Notes on Cryptolestes ferrugineus Steph., a Cucujid occurring in the Trichogramma minutum parasite laboratory of Colorado State College. E. H. Sheppard. (Colo. Sta. Tech. Bul. 17. 1936.) Fort Collins.

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D. E. Lindstrom and W. M. Dawson. (Ill. Sta. Bul. 426. 1936.) Urbana.

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Chemical analyses of Iowa soils for phosphorus, nitrogen and carbon, a statistical study. R. H. Walker and P. E. Brown. (Iowa Sta. Res. Bul. 203. 1936.) Ames.

Genetic aspects of the Danish system of progeny-testing swine. J. L. Lush.
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(Mass. Sta. Control Ser. Bul. 83. 1936.) Amherst.

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Economics of the production and marketing of apples in New Mexico. P. W. Cockerill and R. P. Callaway. (N. Mex. Sta. Bul. 242. 1936.) State College.

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Making grape juice in the home. C. S. Pederson and D. K. Tressler. (N.Y. State Sta. Circ. 166. 1936.) Geneva.

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Transmissibility of Bang's disease among dairy cattle in a Utah dairy village. D. E. Madsen and O. G. Larsen. (Utah Sta. Bul. 272. 1936.) Logan.

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The relation of washing treatments to subsequent losses of moisture from apples. R. E. Marshall, F. L. Overley and K. Groves. (Wash. Sta. Bul. 330. 1936.) Pullman.

The protein requirements of laying hens. V. Heiman, J. S. Carver and J. L. St. John. (Wash. Sta. Bul. 331. 1936.) Pullman.

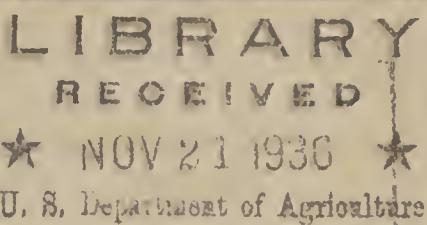
Potato washing investigations. C. L. Vincent and H. L. Garver. (Wash. Sta. Bul. 332. 1936.) Pullman.

Rural population trends in Washington. P.H. Landis. (Wash. Sta. Bul. 333. 1936.) Pullman.

Rural emergency relief in Washington, with attention to characteristics of rural relief households. P. H. Landis, M. Pritchard and M. Brooks. (Wash. Sta. Bul. 334. 1936.) Pullman.

Thirteen years' results with cover crops. G. G. Pohlman and H. O. Henderson. (W. Va. Sta. Bul. 275. 1936.) Morgantown.

Trends in West Virginia agriculture. F. D. Cornell, Jr. (W. Va. Sta. Bul. 276. 1936.) Morgantown.



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The value of lime in a two-year rotation on Sand Mountain, a progress report.
(Ala. Sta. Circ. 75. 1936.) Auburn.

Sclerotiniase of lettuce in Arizona. J.G. Brown and K.D. Butler. (Ariz. Sta. Tech. Bul. 63. 1936.) Tucson.

Mode of penetration and of progressive invasion of fire-blight bacteria into apple and pear blossoms. H.R. Rosen. (Ark. Sta. Bul. 331. 1936.) Fayetteville.

Fertilizers for Irish potatoes, tomatoes, muskmelons, and watermelons. J.R. Cooper and V.M. Watts. (Ark. Sta. Bul. 333. 1936.) Fayetteville.

Soybean varieties for hay, seed, and oil production. C.K. McClelland.
(Ark. Sta. Bul. 334. 1936.) Fayetteville.

Study of relation of growth to nutrition of the rice plant. L.C. Kapp. (Ark. Sta. Bul. 335. 1936.) Fayetteville.

The morphology of the elm bark beetle (Hylurgopinus rufipes (Eichhoff)). B.J. Kaston. (Conn. (State) Sta. Bul. 387. 1936.) New Haven.

The fortieth report on food products and the twenty-eighth report on drug products, 1935. E.M. Bailey. (Conn. (State) Sta. Bul. 388. 1936.) New Haven.

Brown rot of Irish potatoes and its control. A.H. Eddins. (Fla. Sta. Bul. 299. 1936.) Gainesville.

A manganese deficiency affecting beans. G.R. Townsend and H.H. Wedgworth.
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- Rates of seeding small grains and winter legumes for hay. R.P. Bledsoe and S.J. Hadden. (Ga. Sta. Bul. 194. 1936.) Experiment.
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- Commercial fertilizers. H.R. Kraybill et al. (Ind. Sta. Circ. 222. 1936.) Lafayette.
- Monroe County soils. P.E. Brown et al. (Iowa Sta. Soil Rpt. 78. 1936.) Ames.
- Commercial feeds in Kentucky in 1935. J.D. Turner et al. (Ky. Sta. Regulatory Ser. Bul. 10. 1936.) Lexington.
- The cranberry industry in Massachusetts. C.D. Stevens et al. (Mass. Sta. Bul. 332. 1936.) Amherst.
- Population trends in Minnesota. R.W. Murchie and M.E. Jarchow. (Minn. Sta. Bul. 327. 1936.) University Farm, St. Paul.
- A compilation of experimental and other data on harvesting, curing, marketing and feeding sweet potatoes. Comp. by C.F. Clark. (Miss. Sta. Bul. 315. 1936.) State College.
- Effects of delayed harvesting by picking and snapping on six varieties of cotton. J.F. O'Kelly and W.W. Hull. (Miss. Sta. Bul. 316. 1936.) State College.
- Estimating profitability of dairy cows. S. Brody and A.C. Ragsdale. (Mo. Sta. Bul. 368. 1936.) Columbia.
- Artificial manure production on the farm. W.A. Albrecht. (Mo. Sta. Bul. 369. 1936.) Columbia.
- Growth and development, with special reference to domestic animals: XL, Comparison between efficiency of horse, man, and motor, with special reference to size and monetary economy. S. Brody and R. Cunningham. (Mo. Sta. Res. Bul. 244. 1936.) Columbia.
- The Hessian fly and its control. L. Haseman. (Mo. Sta. Circ. 192. 1936.) Columbia.
- A homemade centrifugal pump and other water-lifting devices. O.W. Monson and H.E. Murdock. (Mont. Sta. Bul. 324. 1936.) Bozeman.
- Grazing districts in Montana, their purpose and organization procedure. M.H. Saunderson and N.W. Monte. (Mont. Sta. Bul. 326. 1936.) Bozeman.
- Determining the tonnage of hay in long stacks and round stacks. F.B. Headley. (Nev. Sta. Bul. 143. 1936.) Reno.

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Respiratory diseases, Part I. F.R. Beaudette. (N. J. Sta. Hints to Poultrymen, vol. 23, No. 5. 1936.) New Brunswick.

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Effect of relative humidity on the growth of mold on eggs in storage. P.F. Sharp and G.F. Stewart. (N.Y. (Cornell) Sta. Mem. 191. 1936.) Ithaca.

The common storage, its construction and management. D. Comin. (Ohio Sta. Bul. 573. 1936.) Wooster.

Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm. Econ., vol. 9, No. 5. 1936.) Stillwater.

Verticillium wilt of cane fruits. S.M. Zeller. (Oreg. Sta. Bul. 344. 1936.) Corvallis.

Studies in rural education: The professional movement of rural school teachers in Pennsylvania. W.F. Hall. (Pa. Sta. Bul. 332. 1936.) State College.

Studies in rural education: Pre-employment records and activities of teachers of vocational agriculture. C.S. Anderson. (Pa. Sta. Bul. 333. 1936.) State College.

The vitamin D requirements of growing chicks and laying hens. R.R. Murphy, J.E. Hunter and H.C. Knadel. (Pa. Sta. Bul. 334. 1936.) State College.

The two-row cultivator converted into a weed control machine. D.E. Wiant and R.L. Patty. (S. Dak. Sta. Bul. 303. 1936.) Brookings.

Publications with author index, classified by series, from 1890 to June 30, 1936. B.C. Pittman. (Utah Sta. Misc. Pub. 15. 1936.) Logan.

Agricultural seed. A.S. Lutman. (Vt. Sta. Bul. 410. 1936.) Burlington.

Korean lespedeza and Lespedeza sericea hays for producing milk. C.W. Holdaway et al. (Va. Sta. Bul. 305. 1936.) Blacksburg.

Trends and desirable adjustments in Washington agriculture. A.E. Orr et al. (Wash. Sta. Bul. 335. 1936.) Pullman.

List of publications of the Wyoming Agricultural Experiment Station and State farms [1891 - June 30, 1936]; index to Bulletins Nos. 188-217... Annual Reports 42-45... and Circular No. 26. M. Lamb. (Wyo. Sta. Index. Bul. H. 1936.) Laramie.

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Use of water by Washington navel oranges and Marsh grapefruit trees in Salt River Valley, Arizona. K. Harris, A. F. Kinnison and D. W. Albert. (Ariz. Sta. Bul. 153. 1936.) Tucson.

Fertilization of alfalfa on alkaline calcareous soils. W. T. McGeorge and J. F. Breazeale. (Ariz. Sta. Bul. 154. 1936.) Tucson.

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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during December 1936.

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Sheet erosion studies on Cecil clay. E.G. Diseker and R.E. Yoder. (Ala. Sta. Bul. 245. 1936.) Auburn.

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