Livestock Health and Water

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42 citations from AGRICOLA
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Kutlu, H. R.; Forbes, J. M.
Descriptor: broilers-; heat-stress; fowl-feeding;
dietary-protein; fasting-; vitamins-; immune-response;
ascorbic-acid; liveweight-gain; feed-intake; feed- conversion;
body-temperature; vitamin-supplements; environmental-temperature;
sodium-bicarbonate; drinking-water; antipyretics-; broiler-
performance; literature-reviews
NAL Call No.: 49-W89
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2. Association of sulfate-water and blood thiamine concentration
in beef cattle: field studies.
Olkowski, A. A.; Rousseaux, C. G.; Christensen, D. A.

Descriptor: beef-cattle; drinking-water; sulfates-; thiamin-;
blood-; vitamin-deficiencies; saskatchewan-
NAL Call No.: 41.8-C163

Broiler chick and laying hen tolerance to sodium hypochlorite in drinking water.
Damron, B. L.; Flunker, L. K.

Descriptor: broilers-; hens-; drinking-water;
sodium-hypochlorite; sodium-bicarbonate; tolerance-;
broiler-performance; laying-performance; water- intake;
body-weight; water-purification
NAL Call No.: 47.8-Am33P

Carbon dioxide, ammonium chloride, potassium chloride, and performance of heat distressed broilers.
Smith, M. O.; Teeter, R. G.

Descriptor: broilers-; heat-stress; carbonation-; drinking-water;
acid-base-equilibrium; body-temperature; water-intake
NAL Call No.: SF481.J68

Carbonated drinking water for improvement of eggshell quality of laying hens during summertime months.
Koelkebeck, K. W.; Harrison, P. C.; Parsons, C. M.

Descriptor: hens-; egg-shell-quality; summer-; carbonation-;
drinking-water; age-differences
NAL Call No.: SF481.J68

Cooling of drinking water for laying hens.
Damron, B. L.

Descriptor: hens-; drinking-water; cooling-; laying-performance;
egg-quality; environmental-temperature; body-weight; feed-intake;
florida-
NAL Call No.: 47.8-AM33P

Dietary zinc methionine effect on eggshell quality of hens drinking saline water.
Moreng, R. E.; Balnave, D.; Zhang, D.

Descriptor: hens-; drinking-water; saline-water; zinc-;
methionine-; tap-water; egg-shell-quality; breaking-strength;
egg-shell-defects; zinc-sulfate; feed-intake; water-intake;
weight-; laying-performance
NAL Call No.: 47.8-AM33P
Knabe, D. A.
Agri-Practice. [Santa Barbara, CA] : Veterinary Practice Pub.
Descriptor: pigs-; pig-feeding; energy-requirements;
protein-requirement; amino-acids; milk-substitutes;
feed-additives; processing-; drinking-water
NAL Call No.: SF601.B6

Green, J. T. Jr.
Descriptor: dairy-farms; drinking-water; pastures-; tanks-
NAL Call No.: 275.29-N811Nc

10. Drinking water temperature affects consumption of water
during cold weather in ponies.
Kristula, M. A.; McDonnell, S. M.
Descriptor: horses-; water-intake; water-temperature; cold-;
drinking-behavior
NAL Call No.: QL750.A6

11. Drinking water temperature and potassium chloride
supplementation effects on broiler body temperature and
performance during heat stress.
Beker, A.; Teeter, R. G.
Descriptor: broilers-; drinking-water; heat-stress;
potassium-chloride; feed-intake; liveweight-gain
NAL Call No.: SF481.J68

12. The effect of feed and water withdrawal on body weight and
carcass characteristics of molted turkey breeders.
Lilburn, M. S.; Nestor, K. E.; Stonerock, R.; Wehrkamp, T.
Descriptor: turkeys-; turkey-hen-feeding; restricted-feeding;
drinking-water; molt-; line-differences; abdominal-fat; liver-;
weight-; oviducts-; body- composition; body-weight;
turkey-egg-production
NAL Call No.: 47.8-AM33P

13. Effect of sewage and sewage effluents as drinking water
sources for point-of-lay chickens.
Shoremi, O. I. A.; Sridhar, M. K. C.; Ekpenyong, T. E.
Descriptor: hens-; drinking-water; sources-; sewage-;
sewage-effluent; treatment-; effects-; water-; consumption-;
feed-intake; egg-production; egg- weight; body-weight; feeds-;
utilization-; efficiency-; egg-shell-thickness; nigeria-
NAL Call No.: TD930.A32
14. Effect of warm drinking water on the performance and immunological responses of broiler breeder hens raised at low air temperature.
Spinu, M.; Degen, A. A.; Rosenstrauch, A.
Descriptor: hens-; environmental-temperature; cold-stress; water-intake
NAL Call No.: 47.8-B77

15. Effects of sulfate in drinking water for livestock.
Veenhuizen, M. F.; Shurson, G. C.
Descriptor: pigs-; cattle-; poultry-; sheep-; drinking-water; sulfates-; sulfur-; water-intake; toxicity-; literature-reviews
NAL Call No.: 41.8-Am3

16. Effects of superoxygen of drinking water on performance and carcass characteristics of feedlot steers.
Descriptor: steers-; drinking-water; oxygen-; treatment-; performance-; carcass-quality
NAL Call No.: 100-OK4-3

17. Evaluation of bovine perinatal nitrate accumulation in western Nebraska.
Johnson, J. L.; Grotelueschen, D.; Knott, M.
Descriptor: beef-cattle; calves-; nitrites-; nitrates-; poisoning-; body-fluids; forage-; drinking-water; body-length; animal-health; cattle-feeding; nebraska-
NAL Call No.: SF601.A47

18. Feeding management of foals.
Harper, F.
Descriptor: foals-; horse-feeding; creep-feeding; artificial-rearing; protein-quality; mares-; lactating-females; drinking-water
NAL Call No.: SP951.J65

19. Grazing systems, pasture size, and cattle grazing behavior, distribution and gains.
Descriptor: beef-cattle; grazing-systems; rotational-grazing; duration-; grazing-time; controlled-grazing; pastures-; size-; grazing-behavior; liveweight- gain; drinking-water;
20. How to feed your laying and breeding hens.

Hermes, J. C.


Descriptor: hen-feeding; feeds--; fowl-feeding; drinking-water

21. Influence of saline drinking water on eggshell quality and formation.

Balnave, D.


Descriptor: hens--; drinking-water; saline-water; shell-gland; egg-shell-quality; egg-shell-formation


Maenz, D. D.; Patience, J. F.; Wolynetz, M. S.


Descriptor: piglets--; weaning--; drinking-water; mineral-content; sulfate--; cold-stress; environmental-temperature; synergism--; feed-intake; water-intake; performance--; dosage-effects; diarrhea--; body-temperature; blood-chemistry; blood-picture; growth-rate; small-intestine; fluids--; intestinal-absorption

23. Interaction of different sources of water and duration of consumption on replacement chickens at the grower phase.

Shoremi, O. I. A.; Ekpenyong, T. E.; Shidhar, M. K. C.


Descriptor: replacement--; chicks--; drinking-water; sources--; feed-intake; performance--; nigeria

24. Interactive effects of dietary copper and water copper level on growth, water intake, and plasma and liver copper concentrations of poults.

Ward, T. L.; Watkins, K. L.; Southern, L. L.

Poultry-sci v.73, p.1306-1311. (1994).

Descriptor: poults--; dietary-minerals; copper--; liver--; growth--; drinking-water; water-intake; blood-plasma; mineral-supplements; performance--; hemoglobin--; growth--

25. Kidney structure and responses of two commercial single comb white leghorn strains to saline in the drinking water.

Wideman, R. F.; Nissley, A. C.
26. Macromineral nutrition by heat stress interactions in dairy cattle: review and original research.
Sanchez, W. K.; McGuire, M. A.; Beede, D. K.

Descriptor: dairy-cows; heat-stress; dietary-minerals; nutrient-requirements; feed-intake; buffers--; digestion--; mineral-supplements; ion-balance; seasonal-variation; milk-yield; saline-water; drinking-water; ph--; anions--; literature-reviews
NAL Call No.: 44.8-J822

27. Maintenance of high-quality water assures good dairy cattle health.
Aseltine, M.

Descriptor: dairy-cattle; animal-health; water-quality; drinking-water; nutrients-
NAL Call No.: 286.81-F322

Levy, D.; Holzer, Z.; Brosh, A.; Ilan, D.

Descriptor: beef-cattle; drinking-water; magnetic-field; fattening-performance; feed-intake; digestibility--; nitrogen-balance; friesian--; feed-conversion; depot-fat; liveweight-gain; carcass-weight; dressing-percentage; israel-
NAL Call No.: 49-W89

29. The performance of dairy cows offered drinking water of low or high salinity in a hot arid climate.
Bahman, A. M.; Rooke, J. A.; Toops, J. H.

Descriptor: dairy-cows; drinking-water; salinity--; dairy-performance; feed-intake; consumption--; liveweight-gain; milk-yield; milk-composition; blood− plasma; minerals--; thyroid-hormones; arid-climate
NAL Call No.: 49-An55

30. Performance of high producing dairy cows offered drinking water of high and low salinity in the Arava Desert.
Solomon, R.; Miron, J.; Ben Ghandalia, D.; Zomberg, Z.

Descriptor: dairy-cows; drinking-water; salinity--; water-intake; unrestricted-feeding; environmental-temperature; feed-intake; dry-matter; milk-yield; milk-fat-yield; milk-protein-yield; milk-fat-percentage; milk-protein-percentage; lactose--; wells--; brackish-water; israel-
31. Preliminary consideration on effect of seasonal adaptation on water drinking habit in growing calves.
Sekine, J.; Oura, R.; Morooka, T.; Asahida, Y.
Descriptor: calves-; water-intake; seasons-

32. Questions and answers on beef cattle nutrition.
Blasi, D. A.; Brazle, F. K.; Eck, T. P.; Bolze, R. P. Jr.; Corah, L. R.; Kuhl, G. L.
Descriptor: beef-cattle; cattle-feeding; animal-nutrition; feed-grains; roughage-; forage-; quality-; baling-; silage-making; crude-protein; urea-; digestibility-; processing-; concentrates-; nutrient-requirements; vitamins-; minerals-; drinking-water; feed-additives; growth-promoters; feed-supplements

33. Research note: Effect of carbonated drinking water on production performance and bone characteristics of laying hens exposed to high environmental temperatures.
Koelkebeck, K. W.; Harrison, P. C.; Madindou, T.
Descriptor: hens-; drinking-water; heat-stress; carbonation-; bone-strength; laying-performance; eggs-; specific-gravity; ph-; feed-intake; feed-conversion-efficiency; egg-weight

34. Research note: responses of laying hens on saline drinking water to dietary supplementation with various zinc compounds.
Balnave, D.; Zhang, D.
Descriptor: hens-; egg-shell-quality; saline-water; drinking-water; zinc-; egg-shell-defects; calcium-binding-proteins

35. Response of sheep to selective drinking of fresh and saline water.
Assad, F.; Bayoumi, M. T.
Descriptor: sheep-; drinking-water; salinity-; water-intake; salt-; blood-plasma; acetylcholinesterase-; enzyme-activity; blood-composition; egyp-

36. Responses in egg shell quality from dietary ascorbic acid supplementation of hens receiving saline drinking water.
37. The silt-free reservoir: a more reliable impoundment for providing drinking water to livestock and wildlife.


Descriptor: Reservoirs-; Animal-feeding; Livestock-; Wildlife-management; Water-supply-
NAL Call No.: TD395.W66-1992


Beede, D. K.

Descriptor: dairy-cattle; water-quality; drinking-water
NAL Call No.: SF196.U5A8


Fraser, D.; Patience, J. F.; Phillips, P. A.; McLeese, J. M.

Descriptor: piglets-; sows-; drinking-water; nutrient-requirements
NAL Call No.: SF95.R47

40. The water requirement of growing-finishing pigs--theoretical and practical considerations.

Brooks, P. H.; Carpenter, J. L.

Descriptor: pigs-; drinking-water; nutrient-requirements
NAL Call No.: SF95.R47

41. The water requirements of poultry.

Bailey, M.

Descriptor: poultry-; drinking-water; nutrient-requirements
NAL Call No.: SF95.R47

42. Water: the neglected nutrient.

Stockill, P.

Descriptor: piglets-; pigs-; drinking-water; water-intake; flavor-enhancers; growth-rate
NAL Call No.: SF740.A54