

SUBJECT INDEX OF PAPERS PUBLISHED IN VOLUME 62 OF THE JOURNAL OF THE AMERICAN DAIRY SCIENCE ASSOCIATION

ASSOCIATION AFFAIRS

annual meeting invitation, 177
awards program, 1480
board of directors meeting, 1490
call for papers, 1479, 1695, 1856, 1995
committee reports, 1496
division reports, 1511
editor's report for 1978, 178
IDF committee report, 1502
instructions for authors, 181
memorials:
 Ural Stephen Ashworth, 1997
 Robert M. Bechtle, 528
 Paul A. Downs, 1376
 Carroll Arthur (Iver) Iverson, 359
nominations of officers, 678
officers, committees, representatives, 1513
past presidents, 1492
presidential address, 1505
reorganization of board, 1509
representatives reports, 1497
student affiliate division, Aug. J., 13, Dec. J., 10
sustaining members listed on back cover of all journals except Jan.
undergraduate student recognition award, Dec. J., 16

DAIRY PRODUCTION

ANIMAL BEHAVIOR

feeding, 1282
free stall competition, 768
spatial requirements, 768

AYRSHIRE

acidified pressed silage, 1400
estrus detection, 1443

lactation, 979
reproduction, 979
sire evaluation, 609, 625, 1309
sorghum grain, 1094

BREEDING AND GENETICS

algorithm models, 512
amylase phenotypes, 982
artificial insemination, 85, 1657
best linear unbiased prediction, 606, 625, 1304, 1647
biochemical processes, 819
breed mutations, 827
California mastitis scores, 1119
chromatid staining, 842
chromosome translocation, 825
conception interval, 78
contemporary comparison, 1132
covariance, 993
combining abilities, 618
component type traits, 488
cow evaluation, 1775
cytogenetics applications, 825, 836
 banding, 837
 breeding, 847
 veterinary medicine, 845
 reproduction, 846
daughter heritability, 988
 milk flow, 599
 type traits, 496
discrete variables, 1471
economics, 1936
efficiency, 468
electronic probe measurements, 69
endocrine factors, 814
environmental correlations, 497
trends, 762

fetal outputs, 815
fertility reduced, 827
 traits, 473
G-banding, 630
goals, 1431
health care, 1922, 1832
Henderson's method, 996
herdmate comparison, 1776
heritability of herd differences, 315
heterogeneity, 985
Holstein udder traits, 477
hormones, 821
inbreeding, 615
Israeli Friesians, 468
Jersey udder traits, 477
lactations first and second, 996
 heritability correlations, 1788
 records, 990
 repeatability, 1774
linear programming, 85, 1429
 unbiased prediction, 511
line and inbreeding, 613
linecrossing in rats, 1472
lymphocytes culture, 628
mastitis analysis, 1115
 heritability, 1125
maternal outputs, 815
maternal grandsire evaluation, 1304
 model, 1648
maximum likelihood, 991, 1001, 1475
 restricted, 1784
metabolites, 822
milk yield, 1923, 1926
 flow heritability, 596
multiple traits, 1430
nongenetics, 1932
nucleolus organizer regions, 839
parity vs. mastitis, 1117
phenotype analysis, 472, 829

- physiological improvements, 813, 818
 predicted differences, 1917
 errors, 623
 repeatability, 647
 reproduction, 1437, 1928, 1930
 Robertsonian translocation, 825, 828
 eradication, 831
 sire evaluation, 511, 596, 603, 621, 1132, 1304, 1648, 1655, 1914, 1918
 breeding value, 493
 calf, 757
 covariance, 996
 fluctuations, 760
 measures, 86
 predicted differences, 648
 sampling, 1658
 selection, 986, 1429
 variances, 754
 selection goals, 87
 sister chromatid exchange, 627
 trends, 764
 type, 486, 1915
 year-season reproductive traits, 81
- BROWN SWISS**
 heritability, 487
 sire evaluation, 609, 625, 1309
 type traits, 486
- BUFFALO**
 blood progesterone, 1392
 milk progesterone, 1392
 nitrogen utilization, 441
 orotic acid of various species, 1642
 pregnancy, 1390
 radioimmunoassay, 1391
 rumen metabolism, 444
- CALVES**
 antibiotics, 1287
 digestible energy, 1837
 Elfazepam, 1808
 carcass analysis, 752
 cholesterol + tallow, 746
 colostrum, 1603, 1634, 1766, 1902, 1910
 fermented, frozen, 462
 complete rations, 304
 fababeen protein, 1626
 feed efficiency, 464
 flavors, 1952
 preferences, 1953
 systems, 1104
 fermented milk, 1410
 gammaglobulin uptake, 1416, 1418
 growth, 1288
 intestinal absorption, 972, 1416
 immunoglobulin absorption, 1768, 1820, 1919, transfer, 1632, 1814, 1819, 1902
 mastitis milk, 1408
 milk replacers, 973
 milk substitutes, 1630
 neonatal, 1632
 newborn, 1415
 penicillin, 1413
 performance, 463
 potassium-sodium retention, 1895
 symptoms, 1763
 toxicity, 1758
 suckling, 1908
 starters, 1836, 1951
 waste milk, 1285
 weaning program, 1835, 1951
 urinary chloride, 1898
 xylose absorption, 972
 zinc availability, 1083
 plasma binding, 572
 reserves, 573
- DAIRY HERDS**
 adrenal response testing, 769
 air cooling, 579
 automatic feeder, 1007
 barn insulation, 577
 body weights and production, 1163
 breeding expense, 85
 component costs, 1662
 days open, 1169
 estrus, 1829
 culling policy, 1435
 expense for health maintenance, 1928
 feed costs, 1663
 guidelines, 1161
 fertility, 656
 free stall competition, 768
 housing, 528
 income over feed cost, 1169
 labor, 1927, 1930
 management, 1441
 mastitis analysis, 1125
 milk harvest, 475
 milk progesterone testing, 1830
 parturition induction, 659
 persistency, 1161
 plasma constituents, 581
 pregnancy testing, 1831
 reproductive management, 1435
 selection goals, 85
 semen costs, 1136
 sire measures, 86
 selection, 1132
 trace elements, 1195
 udder conformation, 475
 yields within-herd, 311
- DAIRY SCIENCE AND INDUSTRY EDUCATION**
 contract learning, 1848
 Crowley's formula, 514
 extension, 514
 evaluation, 517
 graduate students, 1844
 methods and materials, 517
 motivation, 1848
 professional needs, 1174, 1181, 1186
 successful programs, 1191
 training teachers, 1844
- DISEASES**
 antimicrobial activity, 584
 25-dihydroxycholecalciferol, 1009
 health care, 1922
 hypoglycemia, 1741
 ketosis, 1739, 1804
 lactoferrin, 131

Download English Version:

<https://daneshyari.com/en/article/2446512>

Download Persian Version:

<https://daneshyari.com/article/2446512>

[Daneshyari.com](https://daneshyari.com)