

The **S·A·P·A·** *Die* **S·A·P·V·**
POULTRY **PLUIMVEE**
BULLETIN

Gratis to Members—*Gratis aan Lede*

APRIL 1968

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The S.A.P.A. POULTRY BULLETIN Die S.A.P.V. PLUIMVEE BULLETIN

White Paper of the I.A. Poultry Institute. Nutsella Paper van die I.A. Pluimveevereniging

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Alleenlik vir Private Sirkulasie
Kopiereg Voorbehou

Vol. 23 APRIL 1960 No 278

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P.O. Box 1795 JOHANNESBURG Postbus 1795
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Photo: G. C. v.d. Horst.

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S.A. POULTRY ASSOCIATION

First



Editorial

Redaksioneel

THE CONFERENCE

Once again our Conference should prove interesting through good debate and enlightening argument. According to the bookings for hotel accommodation in Kroonstad we will have a very representative gathering of our Affiliates and members. This is as it should be.

Of all the groups of subjects up for discussion the section dealing with the Egg Control Board and Marketing by far outstrips any other and almost every phase of egg marketing and related matters will receive attention. The most interesting, in this group, should be the arguments for and against the re-introduction of maximum price control as the present "free" marketing in controlled areas is the first time that this again applies after more than 16 years of control. The present "free" marketing has been in operation since 1st August, 1959, although the Egg Control Board continues to fix minimum or "floor" prices for those producers selling to registered packers or direct to the Board. This practice prevents the bottom dropping out of the market at any time.

This Conference will see the first indication since the establishment of the Egg Control Board of a desire, by a section of the producers at least, for the Egg Control Board to take over the actual physical handling of all eggs other than those marketed directly by producers or their organisations.

A very interesting effort by one member is a resolution asking for a 2/- levy on hatching eggs and that 1/6th of the amount so collected be donated towards the cost of a state operated breeding plan for the production of superior males for egg and broiler breeders.

Advertising of eggs will again be dealt with and here we do hope that some concrete suggestions will be forthcoming because we remain convinced that with properly organised administration we can easily absorb our present total production within our own borders.

The help of the Department of Agriculture is being called in to assist the Association to become financially more firmly established. The poultrymen want to help themselves and Conference will decide to what extent they are prepared to pay for this themselves but they can do this only if the Department will give it its backing.

Another attempt is to be made to have the planning and control of all research centralised, even though the experimental projects themselves are conducted in all the four corners of the country. We have been promoting this idea for many years.

Experts and imports of poultry will again occupy much of our time and we do hope to hear new arguments this year, especially on the disease aspect.

The P.P.L.O. Test will again be hotly debated and we now look forward to finality even if not unanimity.

DIE KONGRES

Ons Kongres behoort weer eens baie interessant te wees as gevolg van goeie besprekings en verdeelende argumente. Volgens die boekings vir hotel verblyf in Kroonstad, sal ons hêre ook hier 'n baie verteenwoordigende byeenkomsêlê van ons affiliasies en lede. So moet dit dan ook wees.

Van al die groepe onderwerpe wat bespreek sal word, oornat die afdeling wat handel met die Eierbehoerraad en Bemaking by verre enige ander punt en bykans elke fase van eierbemarking en aanverwante sake sal aandag geniet. Interessante besprekings in hierdie groep behoort te wees vir en teen die herinstelling van beheer op maksimum pryse omdat ons nou vir die eerste keer in meer as 16 jaar van beheer in beheerde gebiede 'n vry mark het. Die huidige vry bemarking is reeds sedert 1 Augustus 1959 in werking alhoewel die Eierbehoerraad voort gaan om minimum of vloerpryse te bepaal vir diensie wat aan geregistreerde verpakkers of direk aan die Eierbehoerraad verkoop. Hierdie optrede verhoed dat die bodem onderwys uit die mark stuit.

Hierdie Kongres sal ook kennis neem van die eerste aandsiding sedert die transformering van die Eierbehoerraad van 'n begraete deur 'n seksie van die produesie van minste vir die Eierraad om die fisiese handtering van alle eiers uitsonder die wat direk deur produesente of hulle organisasies bemark word oor te sees.

'n Interessante poging deur een lid is die beskrywingpunt waarna gevra word vir 'n 2/- heffing op broeders en dat 1/6 derdes van hierdie bedrag wat so ingesamel word toegesien word om die koste van 'n Staat beheerde teelpian vir die produksie van situande hane vir eier- en slaghoenders produesie te bekansp.

Beklame van vrens sal weer eens die aandag geniet en hier vertrou ons werklik dat daar konkrete voorstelle sal kom omdat ons oortuig bly dat met behoorlik georganiseerde demonstrasie ons sonder moeite ons huidige totale produesie hante om ee gressie kan verbruik.

Die hulp van die Departement Landboue word ingesiep om die Vereniging te help om geldelik beter gevstig te raak. Pluimveeboere wil hulle self help en Kongres sal besluit tot welke mate pluimveeboere bereid is om vir hulleself te betaal maar dit kan hulle alleen doen as hulle steun van die Departement het.

Nog 'n poging word gemaak om die beplanning en beheer van alle navorsing gesentraliseer te kry alhoewel die eksperimentele projekte self in die vier windstreke van die land uitgevoer word. Jare lank steun die Vereniging reeds hierdie gedagte voor.

Uit- en invoer van hoenders sal weer eens baie tyd in beslag neem en ons vertrou dat ons hierdie jaar weer eens argumente sal hoor veral wat die siektes betref.

Ook sal die P.P.L.O. Test weer eens warm bespreking uitlok en ons sien daarna uit dat finaliteit hier bereik sal word al sal ons dan nie tot eenparigheid kom nie.



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NSHONGWENI (Natal)



The losers amongst us will find enough in the agenda to provoke lots of arguments, especially when we come to the request to rescind the 1959 decision and again permit the removal of the waffles of Gans females.

We are confident that our deliberations will as usual be marked by a genuine spirit of goodwill and freedom from heat and animosity. Above all we must remember that a decision of Conference is the wish of the majority and as such is entitled to the respect of those who voted with the minority.

We would impress on all delegates to forget their home towns when in Kroonstad and remember that a decision of Conference is a decision for the whole Union. Provincialism must play no part in the shaping of resolutions. All we desire is the greatest amount of good for the greatest number.

Ons liefhebbers sal genoeg uit die agenda kry vir baie argumente en veral wanneer ons kom by die versoek om die besluit van 1959 te herroep en weeroms toelaat dat die lilla van verghoender hennie verwyder word.

Ons is ook oortuig dat ons besprekings soos altyd gekenmerk sal word deur die opregte gees van vriendelikhed en vry sal wees van oormate bitter en vyandigheid. Bowa- al moet ons othou dat 'n besluit van die Kongres die wense van die meerderheid is en as sulks reg het op die respek van selfs diégene wat saam met die minderheid gestem het.

Ons doen 'n beroep op alle afgevaardigdes om in Kroonstad hulle tuis dorpe te vergeet en te othou dat 'n besluit van Kongres die besluit van die hele Unie is. Provinsialisme moet geen rol speel by die opstel van besluite nie. Waar ons na straf is die groter voordeel vir die groter aantal pluimveehouers.

CENTRAL BOARD ELECTION

The call for nominations, and subsequent election in the Transvaal only, for the 5 vacancies on the Central Board for the 2 years 1960/1961 resulted as follows:—

Cape Eastern and Midlands Showholding Representative: Mr. A. G. Randall.

Cape Western Showholding Representative: Mr. N. Bloch.

Natal Showholding Representative: Mr. A. S. Robinson.

O.F.S. and Griqualand West Showholding Representative: Mr. W. D. Steyn.

Transvaal Commercial Representative: Mr. R. C. Hanson.

VERKIESING VAN DIE SENTRALE RAAD

Die nominasies wat opgevoer is vir die verkiesing van lede vir die Sentrale Raad en die daaropvolgende verkiesing wat slegs vir Transvaal nodig was, het tot gevolg gehad dat die volgende gekies is om die 5 vakatures op die Sentrale Raad vir die twee jare 1960/1961 te vul.

Kaap Oos- en Middelende Tentoonstellings verteenwoordiger: Mr. A. G. Randall.

Kaap-Weslike Tentoonstelling verteenwoordiger: Mr. N. Bloch.

Natal Tentoonstelling verteenwoordiger: Mr. A. S. Robinson.

O.V.S. en Orléans-Wes Tentoonstelling verteenwoordiger: Mr. W. D. Steyn.

Transvaal Kommersiële verteenwoordiger: Mr. R. C. Hanson.



SOUTH AFRICAN RECORD

This photograph is of a New Hampshire hen of Mr. F. J. Sefentse of Panchelboom which produced a South African Record for New Hampshires of 122 A Grade Eggs in 35 days on the 1959/1960 East Rand Egg Laying Test.

It would be interesting to know whether this is not perhaps also a world record of A Grade Eggs for this breed. Mr. Sefentse deserves the stream of congratulations which he is receiving.

SUID-AFRIKAANSE REKORD

Hierdie is 'n foto van 'n New Hampshire henn van Mr. F. J. Sefentse van Panchelboom wat 'n Suid-Afrikaanse Rekord opgestel het met 122 A Grade Eiers in 35 dae op die 1959/1960 Oos-Randse Eierlêtoets.

Die sal interessant wees om te weet of dit nie miskien ook 'n wêreld rekord vir A Grade Eiers vir hierdie ras is nie. Mr. Sefentse verdien die stroom gelukwensings wat hy ontvang.

AN EGG A DAY — THE "EPOL" WAY

"CLAIRE'S" Cages Have Come to Stay!

The past year has seen a great expansion with laying cages in the Transvaal, and more and more commercial egg farms are switching over to this modern, efficient method of Poultry Farming. With this expansion the S.A. Poultry Association, with the supply of battery equipment made by "Claire's" of Johannesburg has played a major role and today many modern Transvaal egg farms, equipped with Claire's cages are operating profitably and efficiently. On these pages a few of these installations are shown.



A row of Claire's Upright Laying Cages on Mr. E. C. Stevens' farm at Bains. Mr. Stevens has approximately 14,000 hens in cages on his modern farm. The 4,000 Claire's cages on Willow-staan Farm work very well and stand up to the quality standards required, particularly where cages are operated out to the open.



Regular J. H. Breakhurst has over 3,000 Claire's cages in use at his well-equipped house. The management of the cages here on Breakhurst Farm is really an eye-opener. After years of experience with laying cages Regular Breakhurst chose Claire's cages for the expansion of his egg plant.



In Koppiesburg, on Mrs. A. J. Muller's, Early Dawn Poultry Farm, Claire's Pymond Cages on stair-stepped concrete bases, are working very efficiently. Mrs. Muller has provided a very simple road only to enter the cages, and this, coupled with a good windbreak, has proved adequate to maintain the egg production on this farm at a high level throughout the year.



On Middel Poultry Farm, De Walle, Mr. Isaac Kupper solved his housing problem neatly and efficiently by an extensive upgrade on top of his Claire's Pymond Cages to carry a staggered row on top. The strong construction of the Claire's cages permit the section of the roof in this manner.



On Mr. J. W. Weaver's Bullhead Farm in Florida North, the strength of the Chaire's Laying Cage is further illustrated. Here corrugated asbestos roofing sheets are fixed directly on to the cage with excellent results. Mr. Weaver's cages are set in the open under shade trees and the practical use of joining conditions and exceptional production this farm will take some beating.



A section of Mr. L. J. Milford's well-managed egg farm at Haverhill where the strong construction of the Chaire's cage is again illustrated. Mr. Milford has more than 2,000 Chaire's cages on his farm and his experience and persistence has proved invaluable in locating and mending defects and enabling the S.A.P.V. to supply a cage which has everything.



This prefabricated steel house on Rockman Poultry Farm is typical of the very neat and attractive manner in which Mrs. A. H. Rockman runs her farm near Haverhill. Mrs. Rockman, as a chick breeder, uses her cages partly to determine the egg production potential of her breeding stock and observe, with the system, a great deal of television taping.



At Bunchel, near Johnsonburg, Mo. and Mrs. E. C. egg Raisers have a very effective laying plant equipped with Chaire's cages. The meticulous management on this farm is a major factor in providing profitable egg production.



Another view of Chaire's cages on Mr. R. C. Harrison's farm. The roofing on the cages is of corrugated aluminum sheathing which helps to reduce the heat problem with cages open to the air.

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WILL THEY WASH?

By H. A. H. CROWTHER

Unless eggs are washed properly, it is best not to wash them at all. So say the experts, who have formulated definite rules on this old controversy.



CONSIDERABLE heat is generated by the question "should eggs be washed?"

But subsequent arguments are usually based on generalisations rather than scientific findings.

The sale of dirty eggs is not likely to increase the national consumption. The soiling on the shell is not mere inert physical matter; it is organic matter, heavily impregnated with bacteria. Chief among these bacteria will be the *psittacococcus* group which are responsible for rot in the egg. Clearly we have a two-fold problem: cleaning the egg and controlling the bacteria.

Now nature, which at all costs preserves the next generation, would not have exposed the egg at that stage

to the risk of contamination. The yolk has been wrapped in four layers of albumen — two thick and two thin, which possess marked resistance to bacteria. Yolk, albumen and two additional membrane envelopes, are all enveloped in the calcium shell which is coated with a cuticle possessing marked anti-bacterial properties.

But changes are continually occurring, especially if eggs are fertile. The cuticle tends to disappear and rapidly loses its anti-microbial qualities. Then, the movement of the yolk causes it to change its position from the centre of the ovoid and to lie very close to the outer membrane, so that the anti-bacterial albumen envelope becomes exceedingly thin.

Within the brief study of the structure of the egg lie the two main considerations in egg washing. First, the compound used must possess germicidal qualities of a high order in addition to marked detergency. Secondly, the washing process must be applied very soon after laying — certainly within 24 hours. Unless these two requirements are carefully observed, egg washing can have deplorable results.

Unfortunately, few of the tests made in the United Kingdom have regarded these two requirements. Many of the results have been obtained on eggs which have been washed in domestic detergents or merely wiped with a damp and dirty cloth. Others involve eggs taken from various farms and washed at packing stations.

Perhaps the most significant work on egg washing which has been done in this country is that by the Animal Health Trust on the washing of hatching eggs. A specific problem, for example, was the presence on the shell of *Salmonella Pullorum* — a very undesirable but by no means uncommon intruder where baby chicks are involved. This organism can be controlled by shell disinfection through dipping the eggs in solutions of suitably-designed chemical sanitants without any effect on hatchability.

In the United States, the work of Klein and of Winter and Clements on the washing of market eggs established that properly washed eggs keep as well as similar eggs that have not been washed.

It is essential to use a chemical sanitant possessing both cleansing and anti-microbial properties. The germicidal action must be highly stabilised — it must kill germs even when organic matter is present. That is why organic sterilants have been used rather than chlorine.

Gordon, Harry and Tucker have shown that *Pseudomonas* sp., the germ chiefly responsible for rot in eggs, is commonly found in the overall environment of the fowl. They showed that this organism was present in from 10-90 per cent of samples taken from troughs, nest

(continued on page 21)

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NATAL



Laat die Vere waai Make the Feathers fly

The other day I was surprised to learn that a highly placed Official of the Division of Animal Husbandry and Dairying, did not know that the members of the R.O.P. kept individual pedigrees of their stock.

I know of members who have been Pedigree Breeding and have done Progeny Testing for nearly 40 years.

One at least has already filed five R.O.P. Mating Books with pedigrees of officially tested R.O.P. birds and who rears only R.O.P. individually pedigreed stock.

It was therefore a bit of a shock to me that a Government official did not know about this.

I dare say he could tell, off hand, what the breeders of poultry in America and other countries have done and are doing.

In view of the above, this Official cannot know of the results of our Official Family Progeny Tests during the last two years.

The following is a brief summary, and a comparison between the Official Tests in the Union, just in case it should catch his eye and it is to be hoped the eyes of any other who also may not know.

GLEN TEST 1958-59

Hen housed average all eggs A.B.C. 186.5 per hen, total hens tested 1,180. Mortality 11%.

EAST RAND TEST 1958-59

Hen housed average all eggs 197.99 per hen, total hens tested 600. Mortality 8.8%.

FAMILY PROGENY TEST 1957-58

Hen housed average A grade eggs 216, all eggs 220. Hens alive at the end of the Test A grade 218, all eggs 223.

19 families of 200 or more full sisters qualified for the Register. A total of 237 hens. Mortality 3.5%.

FAMILY PROGENY TEST 1958-59

Hen housed average A grade eggs 220. All eggs 228, hens alive at the end of the Test 170.

31 Families of 2 or more full sisters, total 172 hens. Mortality 1.4%.

— "R.O.P. Breeder".

P.P.L.O. TEST

At a recent meeting of the Central Board Dr. L. Abraham informed the members that the Division of Veterinary Services was now equipped to undertake the P.P.L.O. Test for any farmer in South Africa.

Members, wishing to undergo the test, are advised to consult their nearest state veterinarian.

THE PROCEDURE

Before a breeder's flock is tested for P.P.L.O. his premises are inspected and if found satisfactory his flock is tested. A pilot test is done and if found to be negative 10% of his birds over the age of 5 months are tested and if found negative, a second test is conducted 3 months later. If his flock is still free on the second test a certificate is issued to him stating that 10% of his flock has been tested and found to be free from P.P.L.O.

A yearly check test is then conducted. If the flock is again free a new certificate is issued.

At the moment no written agreement is entered into, but the Division of Veterinary Services intends to introduce a written agreement between the Department and the flock owners. During the discussion prior to the test it is stressed that should the flock be free the owner does not introduce new birds onto his premises other than from a flock certified free from P.P.L.O.

P.P.L.O. TOETS

Op 'n onlangse vergadering van die Sentrale Raad het Dr. L. Abraham lide uiteengesê dat die Afdeling Veterinêr dienste nou toegerus is om vir enige boer in Suid-Afrika die P.P.L.O. Toets te onderneem.

Lede wat graag hierdie toets wil onderneem word dus aangeraai om hulle meesle staatsvetsarts te raadpleeg.

DIE PROSEDURE

Alvorens 'n seker se troep vir P.P.L.O. getoets word, word sy persoonlik geïnspekteer en as dit in orde gevind is, word sy troep getoets. 'n Proeftoets word eers gedoen en as dit negatief gevind word, word 10% van sy troep wat oor die 5 maande is getoets en as hulle ook negatief gevind word, word 'n tweede toets gemaak 3 maande na die eerste toets en as gevind word dat sy troep negatief is word 'n sertifikaat aan hom uitgereik waarin aangegryp word dat 10% van sy troep getoets is en van P.P.L.O. vry gevind is.

'n Jaarlike toets word dan gedoen. As sy troep weer vry is word 'n nuwe sertifikaat uitgereik.

Op die oomblik word daar geen geskrewe kontrak aangegaan nie maar die Afdeling Veterinêr dienste is van voorneme om 'n geskrewe kontrak tussen die Departement en die eieners van troepe in die lewe te roep. Gedurende 'n bespreking voordat die toets onderneem word, word beklemtoon dat indien die troep vry is, die eienaar geen nuwe hoenders op sy perseel sal inbring behalwe dié van 'n troep wat vry van P.P.L.O. gesertifiseer is nie.

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Hou Die Broeikamer Vry Van Siektes

Deur J. P. H. WESSELS, Natalstreek, „Boerdery in S.A.“.

GEELUKKIG het ons in die Unie min siektes wat onder karkens in die broeikamer en broeimasjien versprei en die siektes wat wel voorkom, in goeie onder beheer. Nogtans kan die gevaar van sulke siekteverspreidings nie onderskat word nie. Hierdie siektes kan van een groep karkens na 'n ander, of tussen enkele karkens, of van eiers na karkens oorgedra word.

In geval 'n nuwe uitbreking van Newcastle-siekte voorkom of 'n uitbreking van neelwouking, sal goeie broeimasjien-ontsmetting baie doen om die verspreiding van die siekteorganismes te verhoed.

In Suid-Afrika bestaan daar geen noodigheid om eiers wat met B.W.D.- of boenderifosfaatse besmet is vir broeioëciënde te gebruik nie. Indien 'n tweedehandse broeimasjien aangekoop word, of suspisie van B.W.D.- of tifasbesmetting bestaan, kan serptydige berokking van die broeimasjien en eiers egter nuttig wees.

ONTSMETTING

Rein wat 'n hoendertrou wat vry is van die longontstekingsgroep-organismes (P.P.L.O.) en het besmette meerpel wil teel — dit wil sê in gevalle waar definitiewe bewys bestaan dat die besondere kienste) op die plaas en binne-in die eier oorgedra word nie — moet noodwendig van een of ander vorm van ontsmetting gebruik maak om die organismes, wat op die eiers se oppervlaktes oorgedra word, te dood.

Eierdoppe, eiers en dooie karkens is almal moontlik draers van gevaarlike mikroorganismes wat onder die broeikamer en veral in die broeimasjien heers, floreer.

Die belangrikste stap in broeikamerhigiëne is dat die verwydering van sodanige materiaal na elke broesiel. 'n Stofsuier kan hier van groot nut wees.

Broeimasjienreinsk moet na elke broesiel deeglik geskroef en ontset word. Die broeimasjien self moet of deur berokking of op 'n ander manier (soos die vervaardiger omskryf), ontset word.

BROEIMASJIE

Die lasie kan met 'n kresool- of karbonsuurstofontsmettingsmiddel wat in die handel verkrygbaar is, ontset word. Andersins kan heule met water geskroef word, dan in die broeimasjien straggelplaat word en saam met die broeikas berook word.

Die volgende metode word in die berokking van hele, kabinette-broeimasjien en hele stillig-broeimasjien (dit wil sê masjien wat nie eiers in hele nie) gebruik.

Die broeimasjien word op 'n goeie temperatuur (99° — 100°F. of 35°F.) en by hele vogtigheid aan die gang gebruik ('n vogtigheid van 90° tot 94°F. verhoed moneter-lesing van die eiers doeltreffende berokking). 'n Herseelbaarheid kaliumpermanganatkristalle („Candy's Crystals“), deur die grootte van die broeimasjien bepaal, word in 'n analjebakkie of 'n glas- of porseleinhouer wat nie by hele temperatuur sal kraak nie, op die vloer

van die broeimasjien geplaas. Die korrekte hoeveelheid 40% kommersiële formalien word by die kristalle in die bakkie gevog, die deur van die broeimasjien dadelik toegemaak, en so geplaas vir drie uur in die geval van 'n kabinette-broeimasjien en 24 uur in die geval van 'n stillig-broeimasjien. Sewentig ml. of 2,4 vloeistof-ense formalien en 35 gr. of 1,2 esse kaliumpermanganat word per 100 kubieke voet broeimasjien-kapasiteit gebruik. Aangesien die mengsel opbruil, moet die hele intrent tien keer soveel kan bevat as wat daer ingespoel word.

Kabinette-broeimasjien kan ook op 'n ander manier, wat minder formalien vereis, ontset word. Die masjien word weer by normale temperatuur (99°-100°F.) en 'n hele vogtigheid aan die gang geplaas terwyl die berokking aan die gang is. Agt-en-twintig ml. of 1 ons 40% formalien per 100 kubieke voet broeimasjien-kapasiteit, word algemeen en een of meer stakke kaardok wat groot genoeg is om al die vloeistof te absorbeer, word daarin gestrek en dan onmiddellik naby die broeimasjien se waaiertjies opgehang.

Soos in die geval van straggelplaat metode, word die broeimasjien na drie uur eers weer oopgemaak.

EIERS EN BROEIMASJIE

In kabinette-masjien word ontsmetting gedurende die broeiperiode op dieselfde wyse gedoen, maar as die karkens al begin pik hele, moet 'n ligter berokking gebruik word. Gedurende die tweede en derde dae van die broeiperiode is die eiers se sensitief, selfs vir lae konsentrasies van formaldehydgas, en berokking moet nou op daardie dae gekied nie.

Die doel van berokking terwyl die eiers in die broeimasjien is, is om skadelike organismes op die doppe te dood. Ligte berokking terwyl die karkens sibbeel, het dieselfde doel, maar verhoed ook die verspreiding van siekteorganismes deur die eiers, eiers en eierdoppe van besmette karkens na gesunde karkens in die broeimasjien. Dit dood egter nie organismes in die karkens se gestel nie en is dus nie 'n plaasvervanger vir die voorsorgmaatregel dat slegs eiers uit B.W.D.- en tifavry troupe aftoets, vir broeioëciënde gebruik word.

Die berokking van karkens in die broeimasjien is 'n tydrovende en gevaarlike proses en word nie hier beskryf nie.

VOORSORGMATREELS

Formalien kan die vel bestadig en veral wanneer die kaardok-metode gebruik word, moet gesondheidskaardokke aangetrok word. Formalien moet in 'n digte bottel bewaar word om te verhoed dat die giftige formaldehydgas geberg in die atmosfeer ontspan. Kaliumpermanganat raak proksidant en moet ook in 'n digte, donker bottel bewaar word. Formaldehydgas irriteer die slymvliese van die mond en is geweldig en langdurig vlootstulling of blootstelling aan hele konsentrasies van die gas moet vermy word.

SHOWTIME ————— SKOUTYD

LIST OF 1960 SHOW DATES APPROVED BY THE S.A. POULTRY ASSOCIATION

LYS VAN 1960 TENTOONSTELLINGSDATUMS GOEDGEKEUR DEUR DIE S.A. PLUIMVEEVERENIGING

APRIL:	
11, 11, 14	Blomfontein and Dist. Poultry and Pigeon Society/Pluimvee Doring Vereniging, c/o/ty Mr./Mrs. J. Kookomper, P.O. Box/Postbus 170, Blomfontein (Young Bird Show/ Jong Vugdielt)
MAY/MEE	
17 & 18	Worcestershire and Appamontville Dist. Pigeons and Doves or Kalkoenvereniging/Worcester and Boshof Dist. Poultry and Pigeon and Game Bird Society, c/o/ty G. R. de Vries, P.O. Box/Postbus 61, Worcester.
20 & 21	Caledon & Suidwes-Rivier Distrikas Pluimvee en Doringvereniging, Mr./Mr. A. P. Erasmus, Postbus/P.O. Box 1 Calidon.
27 & 28	West Coast Poultry Club/Wes-Koosde Pluimveeclub, c/o/ty Mr./Mr. W. H. Bester, 1 Elm Drive/Strand, Hamburg.
27 & 28	South African Game Food Club/Suid-Afrikaanse Vugdieltjies Klub, c/o/ty E. Oms, P.O. Box/Postbus 14, Malen, Natal.
27 & 28	Grand Damaskus West Poultry Pigeon and Game Bird Society/Pluimvee, Doring en Kalkoenvereniging, c/o/ty Mr./Mrs. F. J. Maloney, P.O. Box/Postbus 21, Strand.
JUNE/JUNE	
2, 7 & 4	Roady Poultry Pigeon & Game Club/Klub, c/o/ty Mr./Mrs. J. B. Mollison, 3 Nelson Avenue/Laan, Cambridge, East London/Oos-Londen.
8, 10 & 11	King Williams Town/Dist & Dist. Poultry Soc./Pluimveesoc., c/o/ty C. O. Thompson, P.O. Box/Postbus 278, King Williams's Town/Dist.
10 & 11	Southern Suburbs Poultry Club/Suidelike Voorstadse Pluimveeclub, c/o/ty Mr./Mrs. A. J. B. Stevens, 34 Beecher Road/Weg, The Hill, Johannesburg.
16, 17 & 18	Albany Poultry Club/Klub, Mr./Mrs. F. W. v. R. Els, P.O. Box/Postbus 24, Grahamstown/Oos.
17 & 18	East Coast Poultry Club/Oos-Koosde Pluimveeclub, c/o/ty Mr./Mr. J. A. Joubert, 21 N. Michael Road/Weg, New Bedford, Alberton.
17 & 18	Malmesbury & Dist. Poultry, P. & C.B. Society/Pluimvee, Doring en Kalkoen Vereniging, c/o/ty Mr./Mrs. F. E. Bumpstead, P.O. Box/Postbus 46, Malmesbury.
21, 22, 23 & 24	Natal Poultry Club/Klub (Challenge Show) and Natal All Game Breeds' Club/Klub, c/o/ty Mr./Mrs. W. H. Spiers, 24 Bridge Road/Weg, Pieterbary, Pietermaritzburg.
21, 24 & 25	Cape Town and Peninsula Poultry Club/Koosde Binnelandse Pluimvee Klub/c/o/ty M. Odum, P.O. Box/Postbus 291, Cape Town/Koosde.
21, 24 & 25	East London Poultry Society/Oos-Londons Pluimveevereniging, c/o/ty A. W. Proun, P.O. Box/Postbus 22, Cambridge.
JULY/JULIE	
7, 8 & 9	S.A.P.A. Championship Show/S.A.P.V. se Kampioensvystoon, c/o/ty Blomfontein & Dist. Poultry Soc./Pluimveesoc., Mr./Mr. J. Kookomper, P.O. Box/Postbus 170, Blomfontein.

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IS IT YOUR FIRST SHOW?

NO FANCIER, not even the hardened veteran, can forget the thrill of his first show. In fact, I know many who have been showing for years who still get as much excitement out of it as they did from their first attempt.

—“Poultry”

These notes, however, are for the benefit of the novice issuing forth to his first encounter in the show arena. I assume, states G. P. Isherwood, in "Poultry World," that he is one of those keen fanciers who have reared their fowls from the shell, seriously watching them grow, and taking great pride in their gradual development from raw chickens to prospective winners.

I have always had a soft spot for the little man who — probably because of the shallowness of his pocket, or, more likely, his determination to produce a winner hood and reared entirely by himself — plods away until he eventually achieves his object. Let me picture one such fancier who has a promising cockerel and pullet just approaching show condition.

First of all he has to decide on a suitable show; it must be one that is timed to come off just when he thinks his fowls will be at their best. If it is conveniently near for him to attend in person, all the better, he will get more pleasure, and profit better by the experience.

His next job is to make his entries; having made them he must now devote his spare time to getting his prospective exhibits into their final show condition. To do this he will have to use a couple of show pens, without which he can never hope to get his fowls sufficiently tame to show themselves off to the best advantage.

PENNING THE FOWLS

A couple of days will be quite long enough at any one time, but it should be done fairly frequently until he sees that they have settled down, and come to the front when he approaches them. By using a judging stick or light cone to move them around he will also improve their chances of showing off to advantage when the judge goes along the class. Constant handling and hand-feeding through the front of the pen help to bring about that state of docility so necessary in show fowls.

While the fowls are restricted to the show pens an opportunity is given to promote good show condition; small portions of cooked meat, will help; an occasional feed of boiled linseed or linseedmeal added to the soft mash helps to bring up the sheen in the plumage.

When suggesting meat as a show condition agent, I should mention that if the pullet shows signs of coming on to lay it is better not to give her anything of the nature, or he may force her on too quickly; once she has started to lay a pullet soon goes off in condition.

LEGS ARE IMPORTANT

The novice must not forget the legs of his fowls; should they be yellow or dark and after being well scrubbed in warm soapy water, they should be dried thoroughly and massaged with olive oil. If this is done occasionally before the show it will help to bring the colour to the surface, giving the legs a soft velvety polish.

In the final preparation before despatch the legs (if they happen to be yellow or 'white ones) must be manicured with a pointed quill or toothpick; this should be inserted under each scale and the dirt gently removed. This may seem a tedious job, but the results will justify the labour; no legs ever look clean with dirt left under their scales.

OILY SUBSTANCES AND DUST

Although oil and vasoline may be excellent things for earlier preparation before a show, for the final polish I would suggest a quick-evaporating cream of some sort. Anything of an oily nature applied before the fowl is placed in a crate for its journey is apt to remain on the surface and has a tendency to collect all the dust from the crate; no matter how clean a crate may be, dust will arise from the bedding material.

And as the preparation is complete and the fowls despatched to the show. Then comes that unconscious wail outside the doors while the judge is completing his awards. Will he ever finish? Yes the doors have opened, and there is a rush along the aisles, each fancier looking for the class he is interested in. The novice has found his exhibit — result! A third and a vic. Well, not so bad for a first time; one has to make a start and something higher is almost certain to come later.

In conclusion, I would add that I would much rather see a beginner's countenance low down in the list of awards. A third prize spurs him on to greater efforts, whereas a first prize might lead to disappointment if, next time, his fowls drop to a lower award.

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DIE VERLOOP VAN EIERPRYSE SEDERT OPHEFFING VAN PRYSBEHEER

(Opgestel deur J. W. MOLL, Dept. Landbou-Ekonomie en Bemarking, („Oeste en Marke“).

Behoor tot die groothandel- en kleinhandelpryse van eiers wat van Julie 1943 af van krag was, is op 1 Augustus 1959 opgehef. Minimum-pryse wat verpakkers aan produsente moet betaal, word egter nog voortgeleef. Verder koop die Eierbehoorraad tans in die verlore surplusiers van verpakkers aan. Gesoeringstipulasies in die beheerdegebiede, wat vir die publiek in die handel van groot waarde is, bly ook nog van krag.

Ten einde op hoogte te bly met die verloop van eierpryse, ná opheffing van prysbeheer, het die Afdeling Ekonomie en Marke (in samenwerking met die Afdeling Kommoditeitsdienste) die verloop van eierpryse vanaf Augustus 1959 nagegaan. Afhangende van die grootte van die betrokke gebied, word in agt stedelike gebiede weekliks vier tot 50 kleinhandelaars in eiers aan- en verkooppryse van Graad I Ekstra-groot, Groot en Middelslag eiers versameel. Groothandelpryse vir dieselfde graad en grootte word by enkele groothandelaars ingesamel, terwyl van die kleinhandelaars ook hul aankooppryse versameel word. Gemiddeldes van die pryse by die verskillende handelaars word by hoofkantoor bepaal, en later word ook maandelikse gemiddeldes van die weekliks pryse bereken.

Dis is interessant om die handel se reaksie op die opheffing van prysbeheer na te gaan. Ongeswyfeld was die tydskisse vir hierdie maatreël baie gunstig, en was daar blykbaar geen rede vir buitensporige prysstygings nie. Produksie van eiers het dan ook gedurende 1959 'n rekordpeil bereik, en selfs meer eiers as gedurende die 1956-rekordseisoen is in die beheerdegebiede ontvang. Dit blyk duidelik uit tabelle 1 en 2.

Tabel 1.—Oetvangste van eiers deur groothandelaars, eierkings, markensiers en markagente in die twee versameelde verbruiksentra's van die Unie (sleek aankope deur die Raad in beheerde gebiede), totale vir die eerste 22 weke van elke seisoen, Julie tot November, 1956-1959.

Seisoen	Oetvangste (1.000 doeyn)
1956/57	19.811
1957/58	16.459
1958/59	15.774
1959/60	19.993

Tabel 2.—Aankope van surplusiers deur die Eierbehoorraad, totale vir die eerste 22 weke van elke seisoen, Julie tot November, 1956-1959.

Seisoen	Aankope (1.000 doeyn)
1956/57	9.809
1957/58	6.265
1958/59	4.969
1959/60	10.012

Dit blyk dat oor die algemeen groothandel- en kleinhandelpryse gedurende die verloopseisoen op die peil van die maksimumpryse gedurende Julie gehandhaaf is. Slegs in Pietermaritzburg, Durban, Port Elizabeth en

veral in Oos-Londen is pryse effens verhoog, terwyl in Bloemfontein effens hoër kleinhandelpryse in swang was. Pryse in die Ooselike Kaapprovinsie was hoër omdat daar gewoonlik 'n tekort aan eiers ondervind word. Dit is 'n verskynsel waarmee die Raad by prysvaststelling ook dikwels moet rekening hou.

Met die einde van die volopseisoen in Desember het die normale aanwagting in pryse ingetree. Verdere oorskikking word met belangstelling afgewag.

Die groothandelpryse in tabel 3 kan ook vergelyk word met die gemiddelde minimum-pryse wat die Eierbehoorraad aan produsente gewaarsorg het (d.i. pryse wat verpakkers in beheerdegebiede aan produsente moet betaal), en die pryse waarmee die Raad eiers van verpakkers aankoop het. Omdat groothandelpryse in die verskillende gebiede ná opheffing van prysbeheer verskil het, word in tabel 4 die toestand in Johannesburg aangetoon, en wel vir die volopseisoen van 1958 en 1959.

Tabel 4.—Berekende minimum-pryse aan produsente, pryse waarteen die Eierbehoorraad van verpakkers aankoop het, groothandelpryse in Johannesburg, asook pryspelling tussen groothandelpryse en produsentpryse, Graad I Ekstra-groot, Groot en Middelslag eiers, Augustus tot November 1958 en 1959 (pryse in pennis per doeyn).

	Graad I		
	Ekstra-groot	Groot	Middelslag
1958			
Minimum-produsenteprys	27.2	24.0	21.6
Raad se aankoopprys	33.0	30.0	27.0
Groothandelprys	33.0	30.0	27.0
Spelings tussen groothandel- en produsentpryse:			
Pryspelling	5.8	6.0	5.4
Perentasiepelling	21.3	25.0	25.0
1959			
Minimum-produsenteprys	25.8	22.8	20.5
Raad se aankoopprys	32.5	29.0	26.5
Groothandelprys	33.0	30.0	27.0
Spelings tussen groothandel- en produsentpryse:			
Pryspelling	7.2	7.2	6.5
Perentasiepelling	27.9	31.6	31.7

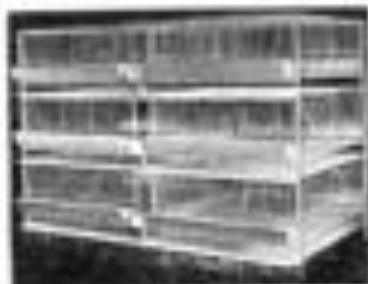
L.W.—Weekliks produsentepryse was 1/4d. per lb. vanaf 11 Augustus tot 21 November 1958, 1/3d. per lb. vanaf 4 Julie tot 11 September 1959, en 1/3d. per lb. vanaf 12 September tot November 1959.

Hoewel daar 'n toename in spelings tussen groothandelpryse en produsentepryse plaasgevind het, is die oorsaak daarvan nie verontwaardigend nie.

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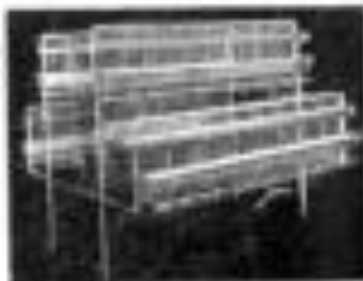


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							lbs.	ozs.	per doz. eggs	
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2.	" " " "	—	—	1,257	1	9	1,247	172	1	5.62
3.	" " " "	—	—	1,198	2	2	1,202	170	6 1/2	5.98
4.	" " " "	—	—	1,210	11	3	1,224	167	10	5.21
5.	" " " "	—	—	1,149	2	—	1,151	164	1	5.83

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(Continued from page 9)

boxes, litter and other areas and fittings. It is clear, therefore, that a more sanitary shell surface is highly desirable if rot is to be kept to the minimum.

There is obviously everything to favour washing by machine; it is likely to be much more thorough, and it can proceed while other work is being done. In the United States the machines generally involve rotating the basket of eggs within a circular tank. This is done either by a mechanically driven mandible or by the force of a jet of solution. In this country machines seem to be of two patterns — a drum container which rotates through moving water, and a basket which is vibrated in the solution. It is important that eggs are not rinsed.

While sanitising compounds can reduce the amount of spoilage if used under properly controlled conditions, there is some doubt as to whether egg producers can be relied upon to do the job properly.

This problem seems to be a world-wide one. Professor G. T. Klein recalls that only a few years ago United States poultry scientists were preaching "If you won't wash eggs right, don't wash them at all." Now, as he says, most eggs in the United States are going through washers. During this time the egg producer has accepted responsibility for a thoroughly good cleansing job.

We can now summarise the golden rules for the production of clean market and hatching eggs.

1. Keep contamination down to the minimum by gathering eggs three times a day; by providing adequate

nest accommodation (one for every four or five birds); by keeping dry litter on the floor.

2. Wash all eggs the day they are gathered. In some cases the soiled may be separated from the clean, but this handling may be regarded as needless labour, exposing the eggs to risk of cracking and is best avoided by washing the lot.

3. Use only a product known to possess both germicidal and cleansing qualities and designed for egg washing.

4. Avoid simple domestic detergents, plain water, wet rags.

5. Use the product at the concentration recommended and at a hand-warm temperature.

6. Don't over-use the solution. Once it is dirty or cold, throw it away and replace it.

7. After washing, lift out the basket containing the eggs and place them to dry in a position with plenty of ventilation. They will dry rapidly, free of water spots and will retain a pleasant lustre and bloom.

8. Above all, never rinse eggs after washing in a chemical sanitiser solution. The faint film remaining behind is a potent weapon in the battle against penetration of bacteria.

9. Wash them, but don't spoil them. In other words, if washing cannot be done properly and on the day of laying, then don't attempt it.

— (Farmers' Weekly — England)

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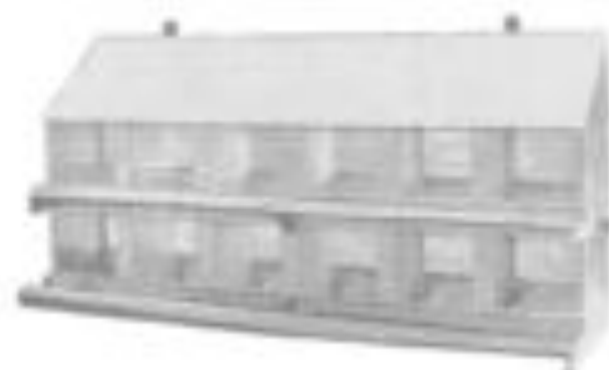
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