

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

Gratis to Members—Gratis aan Lede

JANUARY 1962 JANUARIE

REGISTERED BY THE G.P.O. AS A NEWSPAPER
GEGISTREERD AAN DE N.P.S. NO. 18 NUGENLAD



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to
All Members of the Poultry Association

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Manager.

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Official Organ of the S.A. Poultry Association. In Afrikaans Organ of the S.A. Plumveevereniging.

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Contents . . . Inhoud

- 3.—EDITORIAL — REDAKSIONEEL.
- 7.—BETER ROOSTER-KUIKENS KAN GETEEL WORD.
Dr. J. E. Erasmus.
- 11.—HUSTLE IS NO WAY TO HEALTH.
By Murray Hale.
- 13.—FREE TRIP TO AUSTRALIA — GRATIS REIS NA AUSTRALIE.
- 15.—THE RAILWAYS AND CONVEYANCE OF EXHIBITS TO SHOWS. — VERVOER EN SPOORVRAG VAN SKOUHOENDERS.
- 23.—EGG LAYING TESTS. — EIERLETOETSE.

COVER PHOTO/VOORBLAD FOTO.
ANOTHER FINE BIRD STUDY
BY MR. CLEM HAAGNER.

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Editorial Redaksioneel

BACK ONTO THE SAME THEME

We make no apology for returning yet again to that important issue which will so seriously affect our whole poultry industry. Here we refer, of course, to the decision of the Government to permit of importation of hatching eggs despite the very serious and well considered warning from the industry itself.

It is not only the broiler grower and breeder who will be affected but the repercussions of this, in our opinion, most unwise and ill considered step by the Government, will be felt by all as it must result in the drying up of the usual outlets for all slaughter poultry from our general farms. We just have not got the population to absorb hundreds of thousands more table birds which within the next few years will be flooding our markets and export is just out of the question with dumping prices being the order of the day.

Everything possible has been done to co-operate with the Department and its senior officials, and even at this late stage we are still pressing our case. By the time this appears in print we will probably have had our interview with both the Ministers of Agriculture in our efforts to stop the rot.

We just cannot see the argument which the Department offers as to why the organised poultry farmers were not consulted.

We do not let one moment question the right of the Minister or his Department to disagree with us and he naturally, by the nature of his position, has every right to make whatever decision he wishes, but we do claim the right to some measure of respect for our opinions and we do not think that we are at all unreasonable, on an issue of such magnitude and which can completely upset the economic stability of our industry. In expecting his Department to have informed us first of its disagreement with our views and at the same time or at least as soon as possible thereafter advanced its reasons for differing from us. The first that we heard of the decision was through the daily press and we have not yet had a single reason from the Department as to why it thinks that importation is in the national interest. The whole industry would like to know. The Department will no doubt be able to tell us how many will benefit — we can say how many will suffer.

We have been greatly encouraged by the number of messages of appreciation which have come in on our recent editorials covering this subject. There has

WEEREENS OP DIESELFDE SNAAR

Ons was glad nie verrukking dat ons werrens terugkeer na die belangrike saak wat se 'n ernstige uitwerking op ons pluimveebedryf sal hê nie. Ons verwys natuurlik na die Regering se besluit om die invoer van broeieiers toe te laat ten spyte van die besondere ernstige en weloverwoegde waarskuwing van die bedryf.

Dis is nie net die broekalkenboer en die teler wat deur die reperkassies van hierdie besluit wat volgens ons mening 'n onwysse en onstydige stap deur die Regering is gemaak sal word nie, maar almal sal die effek hiervan voel omdat dit uiteindelik moet uitloop op die opdroog van ons gewone uitlaat plekke vir alle slaghoenders vanaf ons gemengde boerdorpe. Ons het net nie die bevolking om honderdduisende meer slag hoenders, wat hulle die volgende paar jaar ons markte sal oorstroom, te verower nie, en waar afslaaipryse hoogty vir, is uitvoer moontlikhede beide die kwessie.

Alles wat moontlik is, is gedoen om met die Departement en sy senior beamptes saam te werk en selfs op hierdie late uur stel ons nog ons saak sterk. Wanneer hierdie artikel in druk verskyn, sal ons waarskynlik reeds 'n onderhoud gevoer het met beide ministers van Landbou en 'n poging om hierdie saak tot 'n einde te bring.

Ons kan werklikwaar net nie die argument sien wat die Departement aanbid as 'n verduideliking waarom georganiseerde pluimveeboere nie by die besluit geraadpleeg is nie.

Ons betwis vir geen oomblik die Minister of sy Departement se reg om met ons te verskil nie, en beslis het die Minister, uit die aard van sy amp, die reg om te besluit net soos hy wil, maar ons eis tog self die reg vir 'n mate van respek vir ons mening en hierdie meningse beskou ons beslis nie as onredelik nie. Veral waar hulle gaan oor 'n saak met so 'n wye omvang wat die ekonomiese stabiliteit van ons bedryf totaal omver kan werp, voel ons tog dat ons redelike wys kon verwag het dat die Minister se Departement ons eens in kennis sou stel van sy verskil met ons opinies en dat die Departement dan ook verskuldigheid, of so spoedig doenlik daarna, vir ons die redes sou verskaf waarin hy van ons verskil. Ons eerste reën van die besluit was natuurlik deur die dagbladsprekers en jodertalies het ons nog geen rede van die Departement vernoum waarom die mening gevaldig word dat die invoer tot die nasionale voordeel sal sterk nie. Die hele bedryf sou graag hierdie redes wou vernoum. Waarskynlik sal die Departement



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naturally been some opposition to our views, but even they indicate a lively interest in our activities.

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OBITUARY

C. O. THOMPSON

It is with very deep regret that we record the sudden passing recently of Mr. C. O. Thompson, the Secretary of the Kingwilliamstown Poultry Club.

For very many years he carried out his secretarial duties cheerfully and with exemplary efficiency. He will be sadly missed by his many friends throughout the country and by the poultry fanciers in the Cape Eastern Province in particular.

On behalf of all poultrymen we extend our deepest sympathy to his bereaved relatives.

N. LURIE

Elsewhere in this issue we publish an appreciative tribute to the late Mr. N. Lurie of Cape Town which was received from the Chairman of the S.A. Association of Egg Packers.

The sympathy of the poultry industry is extended to his family in its very sad loss.

ment ons kan meedel hoeveel persone uit hierdie besluit voordel was ook — ons kan die Departement meedel hoeveel persone as gevolg daarvan, gaan ly.

Oms is besonder bemoedig deur die groot getal boodskappe wat ontvang is op ons hoof-artikels onlangs oor hierdie onderwerp. Natuurlik was daar ook 'n mate van terughouding maar laasgenoemde veel oms is teken van die lewendige belangstelling wat vir ons aktiwiteite bestaan.

MEADOW-VOERE

Oms kom nou aan die einde van die eerste jaar van ons samewerking met die vervaardigers van Meadow-voere en die verkoopeiers toon beslis 'n hele verhaal oor die steeds groeiende verbruik van hierdie voer. Vir ons is dit 'n duidelike bewys dat al hoe meer lede oorkomel na Meadow elke maand en vir hierdie ondersteuning van ons pogings gaan ons dank aan ons lede.

Die uitstekende diens en gehalte wat deur al die Meadow vervaarders deurskiet die land gelewer word, is 'n saak waarvoor ons besonder trots is en ons wil steeds weer, sonder enige voorbehoud, aanbeveel dat elke lid met groot vertroue hierdie Meadow-voere kan gebruik.

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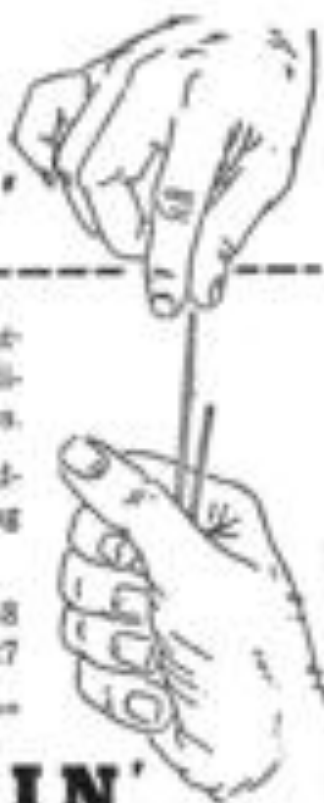
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BETER ROOSTERKUIKENS KAN GETEEL WORD

Deur DR. J. E. ERASMUS

Landboukollege Stellenbosch-Elsenburg



Die toenemende vraag na roosterkuikens maak dit vandag noodsaaklik dat telers nie net alleen aandag moet skenk aan slagcienskappe nie, maar ook die eierproduksie-cienskappe wel deeglik in gedagte moet hou. Groei tempo kleur van die vere en bouvorm is die eienskappe wat die meeste aandag vereis ten einde hierdie vraagstuk suksesvol te oorbryg.

In die verlede was inelprogramme in ons land hoofsaaklik toegespits op die verbetering van eierproduksiecienskappe, terwyl roosterkuikecienskappe min aandag geniet het. Met die snelle uitbreiding van die roosterkuikebedryf het die verbetering van ons roosterkuikecienskappe van die allergroutste belang geword. Tensy hierdie probleme op die regte wyse aangepak word, sal produksie van slaghoenders nie in staat wees om in die toenemende vraag na roosterkuikecienskappe van hoë gehalte te voorsien nie.

EIENSKAPPE

By roosterkuikeproduksie moet aandag aan die volgende eienskappe gegee word:

- Groei tempo
- Leefbaarheid
- Veregroei
- Kleur van die Vere
- Bouvorm
- Voeromsitting
- Skoonmaakverlies
- Kleur van die Vel
- Eierproduksie

Di is noodsaaklik dat 'n behoorlike ewewig tussen die eienskappe bewaar word en meer aandag gegee word aan die eienskappe waarna die vraag die grootste is. Geen lyn met 'n opvallende swaaiheid is aansienlik nie, selfs al is dit bykans volmaak ten opsigte van sommige van die ander eienskappe.

Groei tempo

Di is die vernameste enkele faktor wat 'n uitwerking op die wins by roosterkuikeproduksie het. Die beste groei word verkry met kruisings tussen twee swaar rasse. Di is ook moontlik om die groei tempo van enige swaar lyn deur middel van seleksie te verbeter.

Leefbaarheid

Aangesien daar ernstige, bloedtoets en ander maatskappe bestaan om siektes soos B.W.D., koksiidose, ena, te bestry, bestaan daar min tevergering daarvoor om te teel met die oog op 'n lae sterftesyfer. Met goeie bestuur behoort sterfte nie 'n ernstige probleem vir die roosterkuikeproducent te wees nie.

Veregroei

Di is betreklik eenvoudig om 'n trap wat stadig vore ontstekel, te verander in een wat vinnig vore kry. Vroeë veregroei word bepaal deur 'n enkele geslag-gekoppelde resessiewe geen. Gevolglik sal alle hoenders wat vroeë vore kry, swaar teel ten opsigte van hierdie eienskap. Om hierdie rede is veregroei nie een van die belangrikste faktore wat oorweg moet word by die keuse van 'n ras of kruising vir die ontwikkeling van 'n nuwe roosterkuikecienskappe nie.

Kleur van vere

Selfs by lyne met vroeë veregroei bly 'n paar persent altyd aan die karkas sit, en om hierdie rede is wit roosterkuikecienskappe verkieslik.

Bouvorm

Die bouvorm van die Korniese ras („Cornish breed") kan as die ideale vleis tipe beskou word. Op die oorblik is die pryddifferensiaal tussen die verskillende borsipes baie klein. 'n Baie swaar bors is ongewens, maar alle ander bemerkbare hoenders word teen min of meer dieselfde prys gekoop. Solank die pryddifferensiaal tussen die gemiddeldhoë tipe en die Korniese tipe baie klein is, moet die teler meer aandag skenk aan eienskappe soos groei tempo as aan die vorm van die bors.

Bouvorm is 'n eienskap wat baie goed op seleksie swaer, maar di is moeilik om 'n akkurate toetsel te vind waarmee die vleisigheid van die bors gemeet kan word.

Voeromsitting

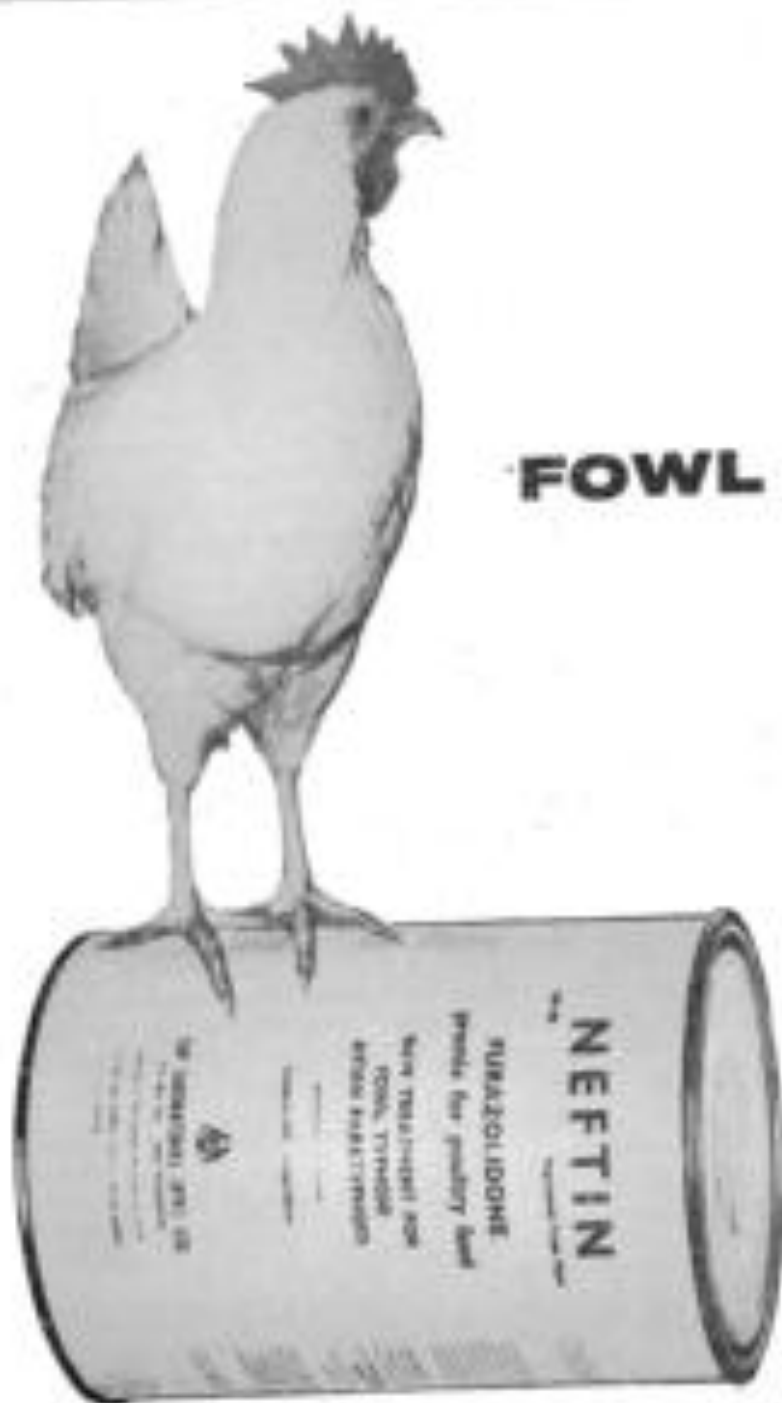
Daar is bewys daarvan dat hierdie eienskap oererblik is, maar di is moeilik om die voeromsittingstempo van individuele hoenders te meet. In die praktyk kan aanvaar word dat die hoenders met die beste groei tempo die beste voeromsittingstempo sal hê.

Schoonmaakverlies

Daar is onlangs aangetoon dat die winsling is die keusevleed binnepoed van verskillende roosterkuikecienskappe net neges persent kan wees. Die moontlike uitwerking hiervan op die wins van die verwerker is duidelik, maar tensy daar voorsiening gemaak word vir 'n pryddifferensiaal vir 'n hoë skoonmaakverlies, sal die telers nie hierdie eienskap in die seleksieprogram insluit nie.

Kleur van die vel

Die verbruiker is voornamlik ten opsigte van die kleur van die vel wissel van strek tot strek. Vanweë dominasie het die afkruisings van eerste kruisings tussen witvel- en geelvelrasse wit velte. In dele van die



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land waar die voorkeur aan 'n geel vel geges word, word 'n liggeel vel verkies ho die diappel pigment wat byvoorbild by die Rhode Island Red aangetref word.

Eierproduksie:

Ofkoms daar aangrensm kan word dat dit onkonomies is om een lyn of ras vir sowel vleis- as eierproduksie te gebruik, kan die eierproduksiepotensiaal van 'n roosterkuikenlyn nie heeltemal buite rekening gelaat word nie. Wanneer die lae eierproduksie van die Korniëse ras byvoorbild, is dit onaanvaardig as 'n swaer ras vir die produksie van roosterkuikens.

Lit hierdie bespreking is dit duidelik dat grootte, kleur van die vere en beavorm die eienskappe is wat in 'n teelprogram vir roosterkuikenproduksie die meeste aandag moet geniet.

TEELMETODES VIR ROOSTERKUIKENS

Die metodes wat toegepas kan word om roosterkuikens in Suid-Afrika te verbeter, behouwe basies tot drie kategorieë:

- Die inling van 'n eerste kruising tussen twee bestaande rasse.
- Die ontwikkeling van 'n nuwe ras om te gebruik as die manlike oer op 'n bestaande ras vir die produksie van eerste kruisings.
- Die samebring van al die gewenste eienskappe in 'n enkele ras.

Eerste kruisings:

Die eerste kruising tussen die Ligte Somex en die Rhode Island Red of tussen die Ligte Sussex en die New Hampshire skyn die beste te wees vir sover dit grootte betref, maar dit het nie die vleistipe beavorm nie. Die Korniëse ras is die enigste wat die verlangde beavorm in 'n eerste kruising kan lewer, maar dit het weer ander ongewenste eienskappe soos stadige groei en swak veragroot. Daarbenewens is die wit kleur van die Korniëse ras resessief, en die gebruik van hierdie ras by kruising is dus beperk tot die kruising daarvan met ander wit rasse. Dit lyk dus dat 'n hoender wat al die gewenste roosterkuikeneienskappe het, nie gedeelik geel kan word deur enige van die bestaande Suid-Afrikaanse rasie te kruis nie.

Indien die verbeterende dominante wit lyne van die Verenigde State beskikbaar word, kan hulke in eerste kruisings met sommige van ons dubbeldoelrasse gebruik word. Dit sou egter die meeste loon om oorweging te maak aan metodes waarvolgens ons die rasie vir die ontwikkeling van dominante wit lyne gebruik kan word. Metodes wat aangewend sou kan word om hierdie doel te bereik, word hieronder geteken.

Ontwikkeling van 'n manlike lyn vir kruising met dubbeldoelrasse:

Die doel van hierdie metode is om die roosterkuikeneienskappe in die manlike lyn te kombineer terwyl daar op die vroulike lyn staatgemaak word om die eiers te produseer.

Met die rasie wat in Suid-Afrika beskikbaar is, lyk dit dat minstens drie rasie by die teel van die manlike lyn gebruik sal word. Daar word aan die hand

gelees dat een van die swaar rasie, soos die Rhode Island Red, New Hampshire, Australorp of Ligte Sussex, as aanlegboenders gebruik word. Die dominante wit kleur kan deur die Wit Leghorn ingebring word aangesien ons geen ander dominante wit ras in Suid-Afrika het nie. Die vleisigheid van die bors moet deur die Korniëse ras bygedra word.

Samevatting van stappe om 'n manlike lyn van die roosterkuikenstipe te teel:

1. Paar Korniëse hane met Leghornhenne om 'n F_1 -geslag te teel.
2. Paar Ligte Sussexhane met F_1 -henne om 'n F_2 -geslag te teel (gekleurde en wit hoenders).
2. (a) Kruis die wit hoenders van die F_2 -geslag terug tot die hybride van die Leghorn- en die Korniëse ras — F_1 -geslag — gekleurde en wit hoenders. Al die wit hoenders is heterosigoot vir sover dit die wit kleur betref.
3. Paar wit F_1 -hane met wit F_1 -henne om homosigote wit hoenders te teel — die helfte van die afstammelings sal nog heterosigoot wees.
4. Paar die wit hoenders met 'n swart varilint om die homosigote (swart) wit hoenders te vind. Indien 'n hoender wat met 'n swart varilint gepaar word, geen gekleurde afstammelings onder die eerste tien kuikens het nie, kan die hoender as swaer bekoer word ten opsigte van die dominante wit eienskap.
5. Kies hoenders wat vinnig vere ontwikkel, deur hulke op die oarderdon van ten toe te identifiseer.

Dit is duidelik dat selfs wanneer drie geslagte in twee jaar geteel word, die ontwikkeling van 'n manlike lyn heelwat tyd 'n beslag sal neem.

Enige van die ander dubbeldoelrasse sou in plaas van die Somexras as aanlegboenders gebruik kan word. Dit sou egter noodsaaklik wees om nie die ras(se) wat vir die vroulike lyn bedoel is, by die ontwikkeling van die manlike lyn te gebruik nie. Tabel I behoort 'n aanduiding te gee van die verskillende kombinasies waarin bestaande Suid-Afrikaanse rasie gebruik sou kan word.

As 'n alternatiewe metode sou dit ook moontlik wees om deur middel van seleksie die beavorm en grootte van enige van die bestaande swaar rasie te verbeter. Dit sou die Korniëse ras inskakel, maar die wit kleur sou nogtans deur die Wit Leghorn ingebring moet word. Of die verbetering van beavorm te waggbring behoort te word deur seleksie of deur die inbring van die Korniëse ras, sal grotendeels afhang van die ander ekonomiese eienskappe van die beskikbare Korniëse lyne.

Samebring van al die gewenste eienskappe in 'n enkele ras:

Dit val te betwyfel of dit ekonomies om te wees om al die gewenste eienskappe in 'n enkele ras saam te bring, maar dit is moontlik dat ons uiteindelik die ideale roosterkuikenlyn sal hê wat — sonder die hulp van kruistelling — die regte tipe hoender vir die mark sou kan lewer.

(vervolg op bladsy 20)

AS U VAN VOER MOET VERANDER . . .

SKAKEL OOR
NA



GEBALANSEERDE RANTSOENE



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HUSTLE IS NO WAY TO HEALTH

By MURRAY HALE

SUDDEN MOVEMENTS AND LOUD NOISES CAN SOON LEAD TO UPSETS

Bad management can be judged immediately one steps into a poultry house. If the birds rush about, or leap madly in their cages or take off straight at your head as one flock did recently to me, then someone is guilty of downright sabotage.

For it really is nothing less than that to flap and bang about in the laying or rearing units. Every loud snore can cost shillings, a clattering beam can cost pounds.

There is no such thing as "stress" on a well-run farm: the condition is brought about by mismanagement and noise from the attendants is one of the prime culprits.

Birds in time can get used to a variety of sounds and sights provided that they are repetitive.

Battery hens used to seeing a 5ft. attendant can go into hysterics on seeing a replacement 6ft. 6in. — until they become used to the new manifestation! Continuous noise becomes part of the general environment and its sudden cessation can upset birds.

HUM OF FANS

The hum of fans, for instance. Switch off for a while, and immediately there is a clatter of excitement among the birds, a general tension, which can quite easily explode into panic.

These things cannot always be helped, crises occur in the best organized units. What I am getting at is that it is not the plain stupid blunderer that causes all the mischief.

Fowls are very sensitive creatures which can settle into a routine considerably out of the ordinary, until it becomes to them ordinary, and any deviation arouses their suspicion.

This reaction is deeply inbred in all animals: the awareness of danger is the only thing that enables a species to survive in the wild, and no amount of domestication can eradicate these deep-seated instincts. Genetically they are not only dominant, they are paramount.

It is true that modern breeding has reduced the natural nervousness of the White Leghorn to surprising fowlity in some strains of hybrid, but nevertheless absolute docility has not and never will be achieved.

Every hen has a built-in alarm signal that is very sensitive to the unusual. Then all her nerves are tensed, watching and waiting for danger, alert to fly on the slightest suspicion.

There is no doubt, too, that herd telepathy is very strongly in evidence at times of alarm. Anyone who has been with animals will have felt this atmosphere in a flock from time to time, and a good stockman can recognize it and deal with it as circumstances dictate. Only the very ignorant will fail to know what it is all about.

In some instances alarm instincts awakened at a very early age can remain with the birds for all their lives. Thus you get one batch of birds that is highly nervous and another, seemingly reared in identical conditions, as docile as gentle cows.

Trace back the cause and see if you have not yourself triggered off this condition.

It is true that one fright cannot make a bird inevitably nervous; in all probability it is a chain of events.

Near here we have jet planes. Not a turkey or fowl in the neighbourhood looks up at these whistling monsters. But when a small private monoplane came over a while ago, scores of birds died in a corner through panic. Was this the instinct to take cover from eagles still with the birds after generations of domestication?

Now and again farmers have conceived the idea of playing music to their birds. A continuous steady noise accustoms the birds' ears to a certain level of sound and a certain pitch. That is why "soothing" music is best because it is more or less at a steady level.

ABOVE OR BELOW

Noises above the accustomed level of pitch or below it affect the birds or animals as much as ever.

In point of fact music itself is not essential. It is the steadiness of sound that is helpful, and any sort of noise — a humming motor, for instance — can have the same effect.

When noise has to be drowned by more noise, however, there is too much initial din. Similarly where "stress" has to be reduced by drugs, there is too much man-made stress.

A taxi spring will not vibrate unless it is plucked, but some springs are tighter than others. Nervous tension inevitably draws heavily on other parts of the system, particularly the reproductive organs. Egg production will suffer in layers, growth will slacken in fattening birds.

AURA OF ALARM

The attendant who has no time or inclination to move about the poultry houses calmly and sensibly will bring with him an aura of alarm. Soon the birds will recognize this person as a source of fright and tension automatically react with his very arrival in the house.

(continued on page 17)

FEED SENSIBLY — FEED „ MEADOW "

APPLICATION FOR SKF TRAVEL SCHOLARSHIP TO
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Please complete and return this
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The successful candidate will be selected by the Committee of the South African branch of the World's Poultry Science Association.

The bursary will cover the cost of the return airfare between Johannesburg and Sydney.

The successful applicant will be an experienced poultry farmer, preferably bilingual, with the ability to comprehend fully the discussion at the Congress on poultry science and practice. He must also be prepared and able to communicate the knowledge and experience gained during this visit to fellow poultry farmers in South Africa by means of lectures and articles.

All those interested in applying should fill in the application form on the opposite page, and return it to the Secretary of the World Poultry Science Association, c/o South African Poultry Association, P.O. Box 1795, Johannesburg.



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SKF Laboratoriums (Edms.) Beperk, vervaardigers van 'Neftin' en 'Bifuran', kondig 'n reisbursie aan wat toegaan sal word aan 'n verteenwoordiger van die Suid-Afrikaanse Pluimveebedryf sodat hierdie bedryf verteenwoordig kan wees by die TWAALFDE WERELDPLUIMVEEKONGRES wat te SYDNEY, AUSTRALIË, OP AUGUSTUS 10 — 18 1962, gehou sal word.

Die suksesvolle kandidaat sal gekies word deur die komitee van die Suid-Afrikaanse Tak van die „World's Poultry Science Association“.

Die reisbursie dek die koste van 'n reterse lugsuurt tussen Johannesburg en Sydney.

Die suksesvolle applikant sal 'n pluimveeboer met goeie ondervinding wees, verkieslik tweetalig en bekwaam om ten volle die besprekings by die Kongres in verband met pluimveewetenskap en praktyk te volg. Hierdie persoon moet ook bereid en bekwaam wees om die kennis en ondervinding wat op hierdie besoek opgedoen is aan sy mede pluimveeboere in Suid-Afrika oor te dra deur middel van lesings en artikels.

Almal wat belangstel word versoek om die aansoekform op die oorkantse bladsy te voltooi en terug te stuur aan die Sekretaris van die „World's Poultry Science Association“, p/a Suid-Afrikaanse Pluimveevereniging, Postbus 1795, Johannesburg.



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THE RAILWAYS AND CONVEYANCE OF EXHIBITS TO SHOWS

As we will soon be approaching the show season it will interest exhibitors to understand the conditions under which poultry, pigeons and cage birds are conveyed to and from shows by the South African Railways.

The Railway Administration stipulates that when entries of poultry, pigeons and cage birds are sent to a show which, in the opinion of the Administration, is of sufficient public interest, exhibits will be conveyed to the show at the usual tariff carriage paid.

On the presentation of a certificate signed by the Secretary of the show, that the entries remain the property of the original sender, and are being returned to him and that the entries are being returned, within 14 days of the close of the show, such entries will be returned carriage free to the original station from which they were despatched. For both the forward and the return journey delivery charges, at the usual tariff, will apply.

The entries are conveyed in both directions at owner's risk, but if the exhibitor requires that his entries be conveyed under the normal conditions applicable to the same type of traffic, then such exhibits should be sent and returned from the show at the usual tariff.

VERVOER EN SPOORVRAG VAN SKOUHOENDERS

Waar ons aan die begin van die tentoonstellingseisoen staan is dit zeker van waarde dat die bepalinge van die Spoorwet in verband met vraggoede op pluimvee, duwe en koofoels wat vir tentoonstellingdoeleindes per spoor versend word, onder oë gesien word.

Die Spoorweg bepaal dat waar insendings na pluimvee, duwe en koofoel — tentoonstellings wat deur die Administrasie as van voldoende openbare belangte erken word, per trein versend word, hierdie versendings geskied teen die gewone tariewe vir die heenvervoer na die tentoonstelling. Vraggoed moet vooraf betaal word.

Op vertoek van 'n sertifikaat van die sekretaris van die tentoonstelling, waarin verklaar word dat die insendings die eendom van die ooreprentlike afstuurder bly en aan hom teruggevoer word, en mits die insendings binne vyftien dae na die sluiting van die tentoonstelling teruggevoer word, word dit kosteloos na die afstuurder terugvervoer. Vir beide die heen- en terugvervoer word bestelkoste, waar dit van toepassing is, teen die gewone tarief gehel.

Die insendings word op eenaarstreek in beide rigtings vervoer en as die afstuurder verlang dat die insendings verkeer moet word onder die voorwaardes van toepassing op dieselfde soort verkeer in gewone omstandighede, moet by dit teen volle tariewe onder die gewone voorwaardes afstuur.

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Die strengste seleksie word by elke fase van ons teelprogram toegepas vir faktore van ekonomiese belang, en die kuikens wat ons verskaf, word sitgake vir hul eenvernighede, lewenskrag en hoë produktievermoë.

As lid van die S.A.P.V. se Register van Gereguleerde Produksente, verskyn ons naam op die lys van telers wat deur die Departement van Landbou en die S.A. Pluimveevereniging aanbeveel word.

R.W.D./TIFUSVRY-SERTIFIEKAAT, NR. 53/1

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1961

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MEER VRYSTAATSE BOERE AFFILIEER

Die jongste toevoeging tot die Suid-Afrikaanse Pluimveevereniging se affiliasies, is die wel bekende Drakensberg Koöperasie Bepark van Bethlehem.

Dit is vir die Vereniging 'n besonderse voorreg om hierdie organisasie as lid te hê en om sy lede in die Vrystaat voorheen tot diens te wesen.

Die area waarin hierdie koöperasie staan is natuurlik een van die belangrikste produksie sentre vir eiers en dit is besonder bemoedigend dat hierdie boere met hulfe koöperasie nou ook hulfe gewig by die Suid-Afrikaanse Pluimveevereniging ingewerp het.

TRIBUTE TO THE LATE MR. N. LURIE

Recently Mr. N. Lurie of Cape Town passed away and with him also an era of which he was the last representative. I trust that you will permit me in the first instance to express my sincerest commiseration with his family in their sad bereavement, but also to pay tribute to a man, who tried to leave the world a better place.

The old guard of egg merchants was generally more abused than appreciated, largely because they lived before the age of self-advertisement and consequently the public did not realise what these men meant in times when there were no Boards or price guarantees. Each had to risk the vagaries of the overseas egg market on his own account, without help or assistance and without the benefit of modern transport and handling methods.

Mr. Lurie served the Industry directly in many ways, as a member of the old Egg Advisory Committee, a foundation member of the Egg Control Board and for many years as chairman of the Cape Egg Packers Association. Indirectly he even did much more, because he kept fully abreast of the latest poultry and egg handling methods, by traveling regularly and extensively. He was, for instance, the first man to introduce oil preservation methods in this country and some of the more modern types of handling equipment.

During his travels, he contacted egg merchants all over the world and opened up new outlets for eggs and poultry, outside the normally accepted channels, which we otherwise never would have had.

I can only hope that we still will have similar men in the future who can meet difficult times with the same courage and conviction and who will display the same initiative and vision.

*Chairman, S.A. Association of Egg Packers,
Johannesburg.*

HUSTLE IS NO WAY TO HEALTH

(continued from page 10)

Chicks in all types of brooder should always be spoken to, and some sort of standard warning sound should be given before entry to their houses: such as tapping on the door.

Obviously the birds do not understand what you are saying to them. Some poultrymen whistle or even sing. It does not matter so long as the same sound signal is always used.

If one man whistles but his rebel at holiday time talks, the birds will react against the talker. But the strong silent type will get a reputation that is far from silent.

Similarly chicks should never be approached from the "blind side" of their brooders — they should not only hear but see the approach.

All movements in the brooder house should be deliberate and the hustling type of operator is a menace on any chick rearing unit. In fact, all along the line, hustle and health just don't go together.

COLLECT QUIETLY

Never tear round the laying shade egg-collecting with noisy trucks or battons, especially in the type of house where the birds cannot see what is happening. Birds on wire are rather more highly tensed than similar flocks on deep litter or in cages.

The reason would seem to be in the unfamiliar environment, lack of personal privacy and the bullying that goes on, especially in big flocks.

Never slam the food into the hoppers as if your life depended upon the operation. Never hang about with brooms and shovels without making sure the birds know what it is all about.

Never hang a bird by the legs. The person who slings birds about by the legs is lazy and careless.

Dragging a laying hen by the feet may rupture the oviduct, will cause distress and actual pain. Any bird so treated has had a severe shock, and reduced efficiency is inevitable for some days after. Any poultryman who yanks a bird out of a cage and dangles it carelessly by the legs, will commit many of the other crimes I have mentioned.

BROILERS DOWN-GRADED

Even broilers, crammed into crates, bumped and chased and bruised into a state when they lose moisture are generally a grade poorer than when they were picked up. If you get down-grading slips from your packer, take a look at the way the birds are handled from the time they are caught on your farm, in the hutches, and at the killing line.

There is far too much needless rush, too much labour saving that is so costly in the inevitable depreciation of reduced production. I would not worry if a man could not read or write so long as he understood how to treat his stock at all times.

"Poultry World".

MORE EGGS WITH "MEADOW"



DIE **4** SLEUTELS

Die basiese benodighede vir Boerdery en wisselgewend en natuurlik is wens kan vergelyk word met 'n deur waarvoor vier sleutels benodig word, naamlik:

1. GEÏNDE TELING.
2. GEBALANSEERDE VOEDING.
3. BEKWAME BESTUUR.
4. GOEIE REMARKING.

Indien enige van die sleutels nie pas nie of verkeerd toek, sal die wasser sadelig betreë word.

Die verskeidenheid van EPOL-voedselstowwe betreflik het 'n diepe hand van die toekomsbaarheid van 'n goeie resultaat. Voorkoste belang neem as 60% van die totale produksiekoste. Dit is nie die prys per ton vee wat sal sê, maar die wens wat daarop gesaak word. Goedkoop vee is altyd 'n minderwaardige vee, en kan enige eksperimentele resultate bewerkstellig. Dit moet weliswaar sê, dat hier slegs 'n belangrike benodigde voorwaarde, en dat die WIER nog meer die van die vee die faktor. EPOL-voedselstowwe met beide uitgeskeide kennis en onderbouing is toe 'n deure van doeltreffende bestuur te bewoos. Om te sien op EPOL-voedsel, kennis, danks en onderbouing, die 4 Sleutels wat die lewende EPOL-voedselstowwe gegee het.

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ROSLANDEN: General Feed & Oil Mills (Edms.) Bpk., Postbus 6/8.
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Are these men super-men? Don't believe it. They are ordinary fellows, like you and I. But they used their brains. They didn't follow the well-paved path of routine; they had the ability to think for themselves.

Many people will tell you there's nothing in poultry. Do you believe South Africa's poultry farmers are working for charity? Many of them are well-to-do men. They all started from scratch. As hobbyists, as back-yard farmers. With two things in common: a love for independent outdoor life, and an interest in poultry. And some brains, of course, some common sense.

Ten years ago South Africa had no dressed-poultry industry worth mentioning. And today? The greater part of the 20 million chicks taken from the incubators every year are three months after birth on show in the shops. "Dressed".

Yes, 12 million chicks are reared as broilers.

But how, my friends, attention please. Here comes the snag! How many of those birds were really bred to become broilers? Very few. I can tell you. They are just common New Hampshires, Reds or Crosses. The so-called dual-purpose birds.

Let's come to the point. Why can one man make a success of dressed-poultry, and why does the other fellow finish up in the red himself? Because the successful man uses his brains. He understands that if you want to make a success of the broiler business you have to start with a chicken that is bred to be a broiler.

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EGG LAYING TESTS EIERLETOETSE

FEDERAL RHODESIAN/FEDERALE
RHODESIE

(11th Period/11de Periode)
(10 Birds/10 Hens)

Heavy Breeds/Swaar Rasse

	A	B	C
1. Levings R.I.R. Stad P. Farm (R.I.R.)	2,211	15	2
2. G. Scully (B.A.)	2,070	4	7
3. Hybrid P. Farm (Pvt.) Ltd. (B.A.)	1,634	152	35
4. D. Gill (Pvt.) Ltd. (L.S.)	1,601	277	94
5. C. P. Harris (B.A.)	1,391	176	25

Light Breeds/Ligte Rasse

1. Irvine's D/O Chis (Pvt.) Ltd. (W.L.)	224	2	1
2. Hybrid P. Farm (Pvt.) Ltd. (W.L.)	183	47	6
3. Truzman's Faircross P. Stud (W.L.)	178	1	1
4. C. P. Harris (W.L.)	171	—	—
5. E. R. Crankshaw (W.L.)	159	11	—

BETER ROOSTERKUIKENS . . .

(vervolg van Maatj 9)

'n Ras wat ontwikkel is volgens die beginsels in die voorgaande deel vervat, sou ook as 'n swaar ras gebruik kan word, mits die hanteer genoeg sien is om die vereiste getal roosterkuikens te lewer. Aangesien 'n swaar ras wat nie vir kruisteling bedoel is nie, nie dominant wit heef te wees nie, kan die Wit Leghorn, wat stadig groei, geheet en al uitgetakel word. Dit sou heelwat tyd bespaar, aangesien van die feit dat die dominante wit eierskap 'n onderdrukkende uitwerking op grootte kan hê.

Ongelukkig is die getal remsierwitte wit rasse baie beperk aangesien die Wit Australorp en die Wit Sussex die enigste rasse is wat van ekonomiese betekenis in Suid-Afrika is. Die Ligte Sussex met sy Columbia-kleurepatroon sou ook 'n geskikte aanlegras wees. Die beswerm van enigens van hierdie wit of silwerkleurige rasse sal deur seleksie of deur die inbring van die Wit Korsiese ras verbeter moet word. Indien die Wit Rocks van die Verenigde State beskikbaar word, sou hulle met voordeel vir die verbetering van ons roosterkuikele gebruik kan word.

TABEL 1

Rasse wat gebruik moet word vir ontwikkeling van manlike lyn	Rasse wat gebruik moet word vir vroulike lyn
1. Wit Leghorn x Korsiese ras x Australorp	Sussex, New Hampshire, Rhode Island Red
2. Wit Leghorn x Korsiese ras x Ligte Sussex	Australorp, New Hampshire, Rhode Island Red
3. Wit Leghorn x Korsiese ras x Rhode Island Red	Australorp, New Hampshire, Ligte Sussex

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WESTERN PROVINCE—WESTELIKE PROVINSIE
COMMERCIAL SECTION/KOMMERSIELE SEKSIE

30 Pens of 6 Birds each/30 Tonne van 6 Henne elk

Position	Pen No.	Breed	Owner	Total number of eggs				Egg Weight		Food Conversion per doz. eggs lbs.	
				A.	B.	C.	Total	lbs.	ozs.		
1	31	WL/BA	Silversands Poultry Farm	—	945	2	5	952	133	41	6.8
2	7	WL/BA	Rambrandt Poultry Farm	—	980	5	5	990	133	—	6.2
3	37	WL/BA	Rambrandt Poultry Farm	—	944	3	1	948	131	15	6.4
4	13	WL/BA	Rambrandt Poultry Farm	—	886	—	10	896	128	94	7.1
5	40	WL/BA	Rambrandt Poultry Farm	—	886	3	2	891	127	2	6.4

WESTERN PROVINCE/WESTELIKE PROVINSIE

(8th Period/8ste Periode)
(5 Birds/5 Henne)

Heavy Breeds/Swaar Rasse

	A.	B.	C.
1. I. F. Merrifield (W.A.)	897	15	6
2. Dandaraach Poultry Farm (R.I.R.)	830	3	3
3. Dandaraach Poultry Farm (R.I.R.)	826	4	4
4. T. B. Wright (W.A.)	815	1	5
5. Hamlet Farms (R.I.R.)	797	13	3

Light Breeds/Ligte Rasse

1. B. W. D. Moodie (W.L.)	745	80	39
2. Columbia Poultry Farm (W.L.)	699	3	1
3. Hartenberg Estates (Pty.) Ltd. (W.L.)	670	48	52
4. Hartenberg Estates (Pty.) Ltd. (W.L.)	654	37	12
5. B. W. D. Moodie (W.L.)	650	89	106

EAST RAND/OOS RAND

(9th Period/9de Periode)
(5 Birds/5 Henne)

Heavy Breeds/Swaar Rasse

	A.	B.	C.
1. Glenholm P.P. (R.I.R.)	—	—	—
2. Groothuis L.K./C.A. (W.A.)	1,104	—	3
3. Redwing P.P. (R.I.R.)	945	56	21
4. Glenholm P.P. (R.I.R.)	944	6	8
5. Glenholm P.P. (R.I.R.)	937	6	9

Light Breeds/Ligte Rasse

1. Dan Jacobs (W.L.)	896	3	1
2. Dan Jacobs (W.L.)	877	—	2
3. P. J. Serfontein (W.L.)	859	29	30
4. Redwing P.P. (W.L.)	856	13	4
5. Mrs./Mev. A. M. Roscher (W.L.)	856	12	2

3rd COMMERCIAL EGG LAYING TEST—MATOPOS 1961-1962

11th PERIOD 6/12/61—2/1/62

Pen positions at the end of the 11th Period. These are calculated on the value of eggs over and above the cost of food consumed.

* Deceased Birds.

Pen Positions, Egg Production, Food Consumed and Income to date

Pen No.	Birds	Owner	Breed	No. of Birds			Food Consumed	Egg Production		Egg Value	Food Cost	Net Income	
				Alive	Dead	Total		Produced	Value				
3	1	Hybrid Poultry Farm, (Sby.)	BL	1,733	702	29	2,464	900.75	3.89	4.38	331/104	48/11	380/95
* 9	2	Irvin's Day Old Chicks (Pvt.) Ltd., (Sby.)	BL x NH	1,751	543	26	2,320	1,012.50	4.57	5.24	310/111	31/21	342/11
**2	3	Hybrid Poultry Farm, (Sby.)	LS	1,850	117	96	2,063	1,027.25	4.90	5.91	261/11	23/14	284/5
* 7	4	Hybrid Poultry Farm, (Sby.)	WL	1,615	246	54	1,915	868.25	3.92	5.44	190/4	56/104	247/21
**3	5	Eddystone Stud Poultry Yards, (Bys.)	BA x WL	1,803	23	31	1,877	952.75	4.51	6.21	209/51	36/64	245/111

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