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Isa brown management guide 2024

ISA will not be liable for any losses or damages whatsoever, whether in contract, tort or otherwise arising from reliance on information contained in this product guide. These highly favourable genetic characteristics can only be fully realized when layers are supported with good management practices, which include, but are not limited to, good quality feed, housing and constant attention to the birds behaviour and welfare. Some key points:- ISA Browns have 98% livability in rearing and 95% in lay, reach 50% production at 146 days, and peak at 96% production. Therefore do not hesitate to use your own experience in conjunction with the guidelines in this guide. THE STORY OF ISA In 1975, the Ministry of Agriculture in France were determined to develop a poultry sector which would be able to compete internationally. =2,205 lbs. The information supplied in this guide is based on many actual flock results obtained under good environment and managing conditions. Our nutritionists have updated the feed recommendations, addressing the nutritional requirements, feeding techniques and much more Our veterinarians have included a chapter on bird health and welfare, and a chapter on vaccination strategies. 1. 10210-2 16. 1 ltr. no. 1 cm. 1 cub. INTRODUCTION Many years of investment in genetic research and development have resulted in layers with excellent performance traits such as livability, production and egg quality. 1 kg. PRODUCTION TABLE 1 PER HEN DAY ISA BROWN 8 PRODUCE GUIDE Age in weeks % Lay Egg weight (g) Egg mass per day (g) Feed intake per day (g) Feed conversion per week 18 3.8 42.3 1.6 84 52.33 19 16.9 46.1 7.8 89 11.45 20 40.1 49.3 19.8 97 4.90 21 63.8 52.0 33.2 104 3.14 22 82.1 54.2 44.5 110 2.48 23 92.4 56.0 51.7 112 2.17 24 95.4 57.4 54.8 112 2.05 25 96.1 58.6 56.3 112 1.99 26 96.1 59.5 57.2 112 1.96 27 96.0 60.2 57.8 112 1.94 28 96.0 60.8 58.4 112 1.92 29 96.0 61.2 58.8 112 1.91 30 95.9 61.6 59.1 112 1.90 31 95.9 61.9 59.3 112 1.89 32 95.8 62.1 59.5 112 1.89 33 95.7 62.3 59.6 112 1.89 34 95.6 62.5 59.7 112 1.89 35 95.4 62.7 59.8 112 1.88 36 95.3 62.9 59.9 112 1.88 37 95.2 63.1 60.0 113 1.87 38 95.0 63.2 60.0 113 1.87 39 94.8 63.3 60.0 113 1.87 40 94.6 63.4 60.0 113 1.88 41 94.4 63.4 59.9 113 1.88 42 94.2 63.5 59.8 113 1.88 43 94.0 63.5 59.7 113 1.89 44 93.7 63.5 59.5 113 1.89 45 93.5 63.5 59.4 113 1.90 46 93.2 63.6 59.2 113 1.90 47 92.9 63.6 59.1 113 1.91 48 92.6 63.6 58.9 113 1.91 49 92.3 63.6 58.7 113 1.92 50 92.0 63.7 58.5 113 1.93 51 91.6 63.7 58.4 113 1.93 52 91.3 63.7 58.2 113 1.94 53 90.9 63.7 58.0 113 1.95 54 90.5 63.8 57.7 113 1.96 55 90.2 63.8 57.5 113 1.96 56 89.8 63.8 57.3 113 1.97 57 89.4 63.8 57.1 113 1.98 58 89.0 63.9 56.8 113 1.99 59 88.5 63.9 56.6 113 2.00 9. The ISA Brown has proven more than 40 years of excellent performance as the best brown laying hen in the world. PRODUCTION SUMMARY isa-poultry.com 5 Laying Period 18-100 weeks Livability 93 % Age at 50% production 144 days Peak of production 96 % Average egg weight 63.1 g Eggs hen housed 466 Egg mass hen housed 29.4 kg Average feed intake 111 g/day Cum. Besides, the cost of chicken feed accounts for some 65 to 75% of the cost of producing an egg. 1 lb. Producing high numbers of first quality eggs, per hen housed, the ISA Brown is a reliable and versatile layer with excellent feed conversion which adapts well to differing climates and housing systems. % Livability Body weight (g) 18 10 0 0 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 Average egg weight Age in weeks Laying rate Body weight Livability 13. Good nutrition plays a major role in attaining the modern laying hens' genetic potential for egg production, egg quality and animal welfare. No implied or explicit guarantees are given by ISA as to the accuracy and completeness of the provided information in this product guide. THE ISA BROWN TODAY The ISA Brown is recognized globally for its exceptional feed conversion, which makes it one of the most efficient, proven and profitable brown egg layers in the world. 2 PRODUCE GUIDE 3. We are constantly seeking to develop our breeding program and welcome feedback from the field. Decades of intensive selection have resulted in very good livability whilst maintaining excellent persistency in egg production. The information supplied in this publication is based on the analysis of extensive research and field results, produced over time and with many years of experience. isa-poultry.com 13 PRODUCTION GRAPH ISA BROWN 0 50 100 150 200 250 300 350 400 450 500 20 25 30 35 40 45 50 55 60 65 70 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 1.70 1.85 2.00 2.15 2.30 2.45 2.60 2.75 2.90 3.05 3.20 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 Age in weeks Cum. We believe that our management guides will make a positive contribution to the ... The ISA Brown is well known and globally recognized for its strong and reliable results, also renowned as the Global super star in performance. 4 PRODUCE GUIDE ISA BROWN 5. foot =0.093 sq. Some key points:- ISA Browns have 98% livability in rearing and 95% in lay, reach 50% production...Download as pdf or txtSaveSave ISA Brown Management Guide For Later100%100% found this document useful, undefined The ISA Brown has proven more than 40 years of excellent performance as the best brown laying hen in the world. =0.394 inches 1 inch =2.54 cm. 10 PRODUCE GUIDE PRODUCTION TABLE 2 PER HEN DAY ISA BROWN Age in weeks % Lay Egg weight (g) Egg mass per day (g) Feed intake per day (g) Feed conversion per week 60 88.1 63.9 56.3 113 2.01 61 87.7 63.9 56.1 113 2.02 62 87.2 64.0 55.8 113 2.03 63 86.8 64.0 55.5 113 2.04 64 86.3 64.0 55.3 113 2.05 65 85.9 64.0 55.0 113 2.06 66 85.4 64.1 54.7 113 2.07 67 84.9 64.1 54.4 113 2.08 68 84.4 64.1 54.1 113 2.09 69 84.0 64.1 53.9 113 2.10 70 83.5 64.2 53.6 113 2.11 71 83.0 64.2 53.3 113 2.13 72 82.5 64.2 53.0 113 2.14 73 82.0 64.2 52.7 113 2.15 74 81.5 64.3 52.4 113 2.16 75 81.0 64.3 52.1 113 2.18 76 80.6 64.3 51.8 113 2.19 77 80.1 64.3 51.5 113 2.20 78 79.6 64.4 51.2 113 2.21 79 79.1 64.4 51.0 113 2.23 80 78.7 64.4 50.7 114 2.24 81 78.2 64.4 50.4 114 2.25 82 77.8 64.5 50.1 114 2.27 83 77.3 64.5 49.8 114 2.28 84 76.8 64.5 49.6 114 2.29 85 76.3 64.5 49.3 114 2.31 86 75.8 64.6 49.0 114 2.32 87 75.4 64.6 48.7 114 2.34 88 74.9 64.6 48.4 114 2.35 89 74.4 64.6 48.1 114 2.36 90 73.9 64.7 47.8 114 2.38 91 73.4 64.7 47.5 113.8 2.40 92 72.9 64.7 47.2 113.8 2.41 93 72.5 64.7 46.9 113.8 2.43 94 72.0 64.8 46.6 113.9 2.44 95 71.5 64.8 46.3 113.9 2.46 96 71.0 64.8 46.0 113.9 2.47 97 70.6 64.8 45.8 113.9 2.49 98 70.1 64.9 45.5 114.0 2.51 99 69.6 64.9 45.2 114.0 2.52 100 69.1 64.9 44.9 114.0 2.54 11. Our collection of management guides covers the most relevant topics that might have your concerns. mtr. Extensive field testing with the ISA Brown shows that the ISA Brown has exceptional feed conversion and is capable of laying up to 500 first quality eggs. From barn systems to free range and organic, all housing systems will be addressed.The guide starts with a chapter on biosecurity, addressing effective measures to take with respect to biosecurity, cleaning and disinfection of the poultry houses, feed conversion rate 2.14 kg/kg Body weight 2005 g Shell strength 4100 g/cm2 Shell colour 17.0 Lab Hauth units 82 ISA BROWN 6. 14, 2022 Following the publication of our new breed standards in September, a complete set of updated management guides have now been published. Followed by the different stages during the life of the chickens: brooding, rearing, transfer and the productive life.All tips and tricks to get the genetic potential of egg production out of your laying hens. (g) Body weight (g) Minimum Maximum Minimum Maximum Minimum Maximum 1 0-7 10 12 70 84 64 67 2 8-14 16 18 182 210 132 139 3 15-21 24 26 350 392 211 221 4 22-28 31 33 567 623 296 312 5 29-35 36 38 819 889 388 408 6 36-42 41 43 1,106 1,190 485 510 7 43-49 45 47 1,421 1,519 584 614 8 50-56 49 51 1,764 1,876 685 720 9 57-63 53 55 2,135 2,261 786 826 10 64-70 57 59 2,534 2,674 886 932 11 71-77 60 62 2,954 3,108 984 1,034 12 78-84 63 65 3,395 3,563 1,079 1,134 13 85-91 66 68 3,857 4,039 1,169 1,229 14 92-98 69 71 4,340 4,536 1,255 1,319 15 99-105 72 74 4,844 5,054 1,335 1,404 16 106-112 75 77 5,369 5,593 1,409 1,481 17 113-119 78 80 5,915 6,153 1,476 1,552 18 120-126 83 85 6,497 6,749 1,537 1,615 7. Extensive field testing with the ISA Brown ... The document provides guidelines for the management of ISA Brown laying hens, including performance targets for body weight and feed intake during the rearing and laying periods, as well as expected egg production rates and feed ... The document provides performance data and management guidelines for ISA Brown laying hens. Led by Alain Audubert, an independent appraisal of the poultry breeding sector in France concluded that future international success should be based on excellence, innovation and research. The purpose of this product guide is to help producers to gain the best possible results from their investment. 1 bird per square metre =10.76 square feet per bird 3 birds per square metre =3.59 square feet per bird 4 birds per square metre =2.69 square feet per bird 5 birds per square metre =2.15 square feet per bird 7 birds per square metre =1.54 square feet per bird 11 birds per square metre =0.98 square feet per bird 13 birds per square metre =0.83 square feet per bird 1 cubic meter/kilogram/hour =16,016 cubic feet/lb./hour 1 cubic foot/lb./hour =0.0624 cubic meter/kilogram/hour F ° =9/5 °C+32 °C =5/9 (°F-32) 45 °C =113 °F 22 °C =72 °F 10 °C =50 °F 40 °C =104 °F 20 °C =68 °F 8 °C =46 °F 35 °C =95 °F 18 °C =64 °F 6 °C =43 °F 30 °C =86 °F 16 °C =61 °F 4 °C =39 °F 27 °C =81 °F 14 °C =57 °F 2 °C =36 °F 24 °C =75 °F 12 °C =54 °F 0 °C =32 °F 1 Joule per second = 1 Watt = Volt x Ampere 1 KJ =1000J 1 MJ =1000KJ 1 MJ =239 Kcal 1 Kcal =4.2 KJ 1 KWh =3.6MJ - 860 Kcal 1 BTU =1055J Warranty Disclaimer This product guide for layers has been prepared by Institut de Sélection Animale B.V. and its affiliates ("ISA") with the greatest possible care and dedication to inform and assist ISA's customers on the various manners of production to improve their production results while using ISA products. Therefore, the poultry nutrition and feeding program is critical in determining the overall profitability and success of your poultry business.It all start with feeding properly the day-old chicks, this will allow them develop into healthy, good-quality pullets with sufficient body reserves to sustain the high demands of today's egg production. Keep an eye on our website, as we will add technical papers on specific poultry diseases in the coming months.Download the Commercial management guide for alternative housing systems. isa-poultry.com 15 CONVERSION TABLE 1 mtr. inch =6.45 sq.cm. Published on Feb. Next to technical and management aspects with respect to housing systems, equipment and lighting, we also address the nutritional aspects. REARING TABLE ISA BROWN 6 PRODUCE GUIDE Age in weeks Age in days Feed intake per bird per day (g) Feed intake per bird cum. isa-poultry.com 3 A reliable and economic winner Proven worldwide High production and excellent persistency The efficient brown egg layer Market leader in egg numbers 4. Egg mass cum. The ISA Brown laying hens are able to adapt well to different climates, poultry management styles and housing systems. This will be achieved by providing conditions in which the layers can thrive. =0.035 ozs. % Livability Body weight (g) 60 258 16.0 32.7 2.05 96.5 1.975 61 264 16.3 33.5 2.05 96.4 1.976 62 270 16.7 34.3 2.05 96.3 1.978 63 276 17.1 35.0 2.05 96.2 1.980 64 281 17.5 35.8 2.05 96.1 1.981 65 287 17.8 36.5 2.05 96.1 1.982 66 293 18.2 37.3 2.05 96.0 1.984 67 299 18.6 38.1 2.05 95.9 1.985 68 304 18.9 38.8 2.05 95.8 1.986 69 310 19.3 39.6 2.05 95.7 1.987 70 315 19.6 40.3 2.05 95.7 1.988 71 321 20.0 41.1 2.05 95.6 1.989 72 327 20.4 41.9 2.06 95.5 1.990 73 332 20.7 42.6 2.06 95.4 1.991 74 337 21.1 43.4 2.06 95.3 1.991 75 343 21.4 44.1 2.06 95.2 1.992 76 348 21.8 44.9 2.06 95.2 1.993 77 354 22.1 45.6 2.07 95.1 1.993 78 359 22.4 46.4 2.07 95.0 1.994 79 364 22.8 47.1 2.07 94.9 1.995 80 369 23.1 47.9 2.07 94.8 1.996 81 374 23.4 48.6 2.07 94.8 1.996 82 380 23.8 49.4 2.08 94.7 1.996 83 385 24.1 50.2 2.08 94.6 1.997 84 390 24.4 50.9 2.08 94.5 1.997 85 395 24.8 51.7 2.09 94.4 1.998 86 400 25.1 52.4 2.09 94.3 1.998 87 405 25.4 53.2 2.09 94.3 1.999 88 410 25.7 53.9 2.10 94.2 1.999 89 415 26.0 54.7 2.10 94.1 2.000 90 420 26.4 55.4 2.10 94.0 2.000 91 424 26.7 56.2 2.11 93.9 2.000 92 429 27.0 56.9 2.11 93.9 2.001 93 434 27.3 57.6 2.11 93.8 2.001 94 439 27.6 58.4 2.12 93.7 2.002 95 443 27.9 59.1 2.12 93.6 2.002 96 448 28.2 59.9 2.12 93.5 2.003 97 453 28.5 60.6 2.13 93.4 2.003 98 457 28.8 61.4 2.13 93.4 2.004 99 462 29.1 62.1 2.14 93.3 2.004 100 466 29.4 62.9 2.14 93.2 2.005 12. inch 1 sq. The ISA Brown is well known and globally recognized for its strong and reliable results, also renowned as the Global super star in performance. =28.35 g =0.155 sq. 1 g. foot =0.028317 cub. isa-poultry.com 11 PER HEN HOUSED PRODUCTION TABLE 2 ISA BROWN Age in weeks Eggs per bird cum. of eggs per H/H Feed conversion/g Egg mass in g/day Feed conversion kg/kg 14. However, specific circumstances at the farm of the customer may impact the usability and reliability of the statements and information mentioned in this product guide. The new guides can be downloaded from this article, and your area technical sales representative will be happy to provide hard copies. isa-poultry.com P.O. Box 114 5830 AC Boxmeer The Netherlands-EU +31 485 319 111 isa@hendrix-genetics.com Backed by a strong portfolio of leading brands, Hendrix Genetics provides expertise and resources to producers globally, with operations and joint ventures in 24 countries. All this combined with an excellent feed conversion ratio results in reliable performance for commercial egg producers when they are working with the ISA Brown laying hens. In this new guide you will be able to find the latest recommendations and insights in how to manage your laying hens in alternative housing systems. feet 1 sq. cm. All this combined with an excellent feed conversion ratio results in reliable performance for commercial egg producers when they are working with the ISA Brown laying hens.The ISA Brown today:A reliable and economic winnerProven worldwideHigh production and excellent persistencyMarket leader in egg numbers Good nutrition plays a major role in attaining the modern laying hens' genetic potential for egg production, egg quality and animal welfare. =3,282 feet 1 foot =0.305 mtr. isa-poultry.com 7 REARING GRAPH ISA BROWN Feed consumption in g Age in weeks Bodyweight in g 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 200 400 600 800 1000 1200 1400 1600 1800 0 10 20 30 40 50 60 70 80 90 100 110 Feed consumption in g Age in weeks Body weight in g 8. =35.316 cub. Try to overcome making mistakes during the rearing period, and do not see the rearing of your flock as a cost, but try to see it as an investment. =0.22 gallons 1 gallon =4.54 ltr. And of course, do not hesitate to consult our distributors who will be happy to help in any way they can. (kg) Feed intake cum. Better Breeding Today - Brighter Life Tomorrow Published on Feb. 100%(3)100% found this document useful (3 votes)7K views18 pagesThe document provides performance data and management guidelines for ISA Brown laying hens. This position has remained ever since. =10,76 sq. Please send your technical results to layinghens@hendrix-genetics.com. 14 PRODUCE GUIDE NOTES 15. The ISA Brown has proven more than 40 years of excellent performance as the best brown laying hen in the world. A commitment to excellence in breeding, innovative research techniques and constant improvements in pursuit of the perfect expression of the breeds genetic potential lies behind the success of the ISA Brown. feet 1 cub. PRODUCE GUIDE ISA BROWN CAGE PRODUCTION SYSTEM 2. =0.454 kg. m. It does not constitute a guarantee or warranty of performance in any way. As a result, by the mid 1980s, the ISA Brown had become a global brand and worldwide leader in the world brown egg market. PER HEN HOUSED isa-poultry.com 9 PRODUCTION TABLE 1 ISA BROWN Age in weeks Eggs per bird cum. 1 oz. Mistakes that are made during the growing period are difficult to correct during the egg laying period.Learn more about guidelines on diet formulation and feeding strategies. We do recognize that many egg producers have developed their own management programs, as a result of their experience with specific housing types, climate, feed, market conditions.

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