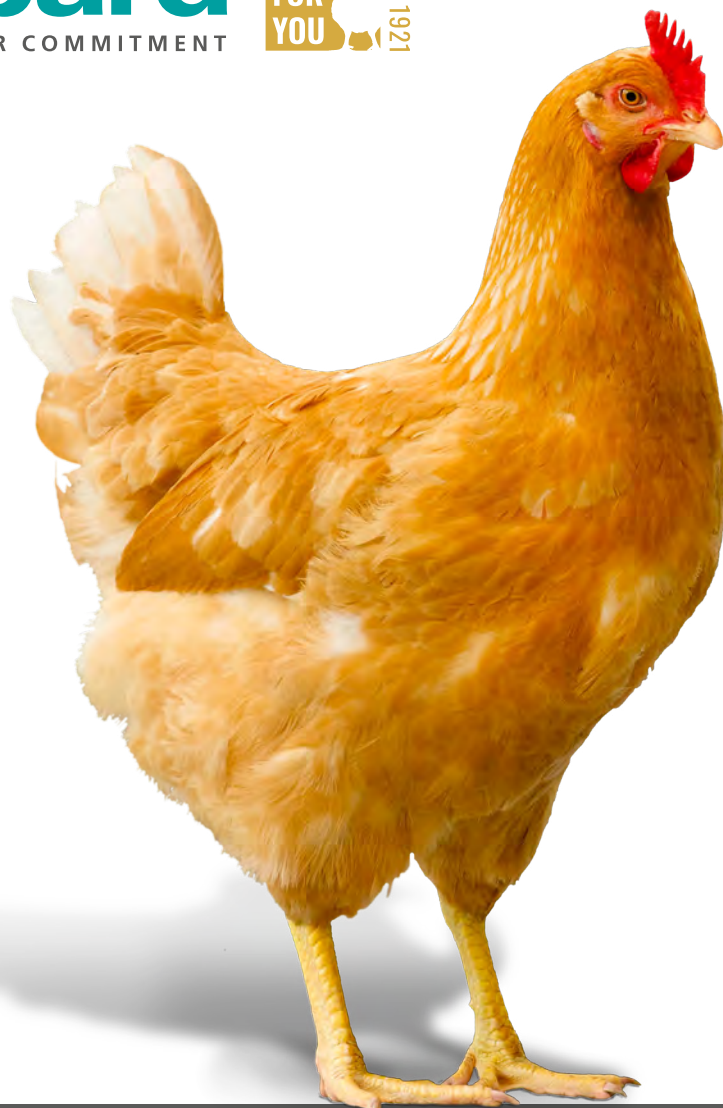




PERFORMANCE OBJECTIVES
OBJECTIFS DE PERFORMANCE
OBJETIVOS DE RESULTADOS

REDBRO

PARENT STOCK FEMALE

FEMELLE PARENTALE

HEMBRA REPRODUCTORA



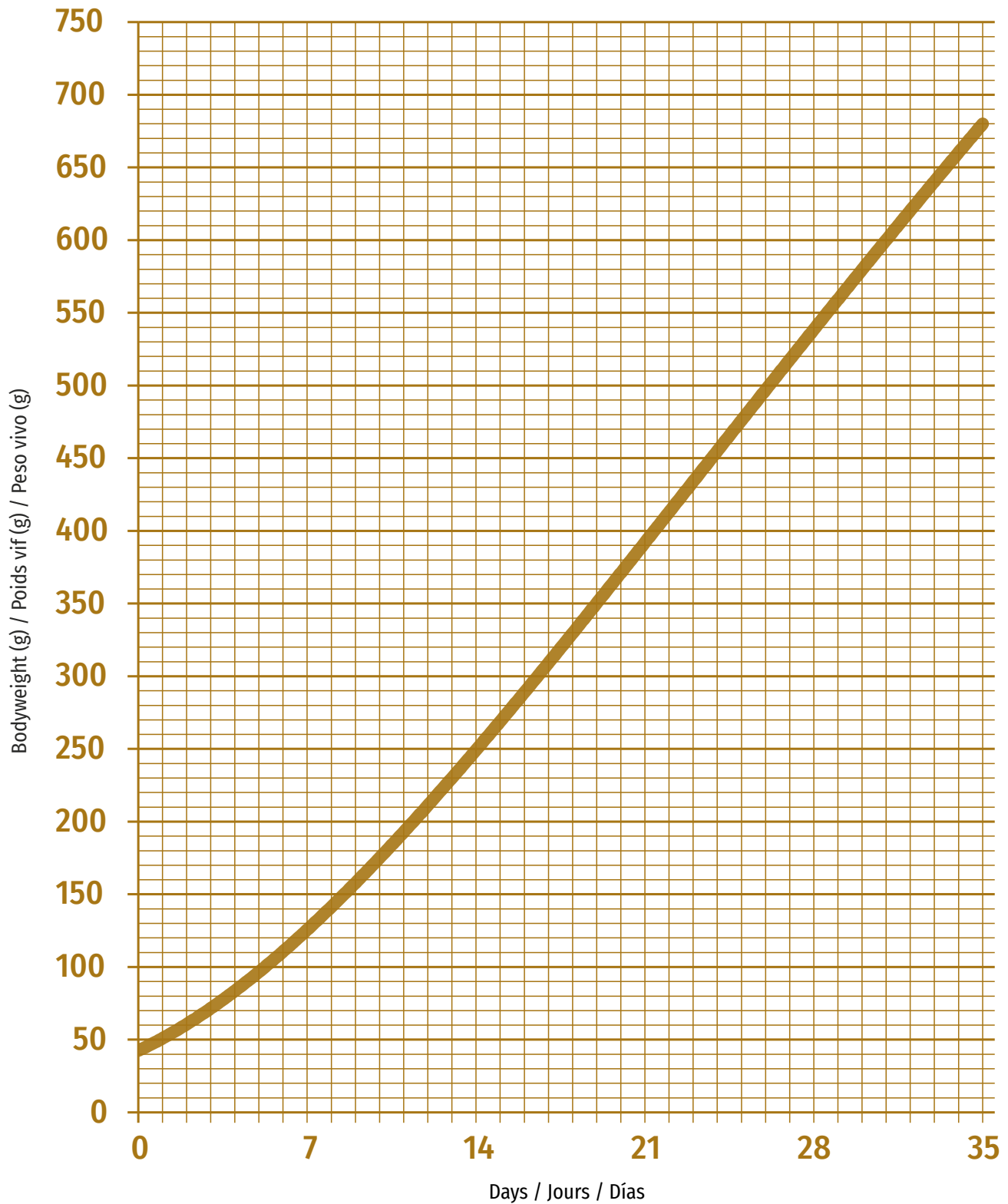
PULLET FEEDING AND BODYWEIGHT OBJECTIVES – REARING PERIOD
OBJECTIFS DE RATION ET POIDS DE LA REPRODUCTRICE – PÉRIODE D'ÉLEVAGE
OBJETIVOS DE RACIÓN Y PESO DE LA REPRODUCTORA – PERÍODO DE RECRÍA

The primary objective to consider is the bodyweight. The composition of the feed may differ from the values shown below.
 Le seul objectif à prendre en compte est le poids. La ration alimentaire peut être différente des données mentionnées ci-dessous.
 El único objetivo a tener en cuenta es el peso. La ración de alimentación puede ser diferente de los datos abajo mencionados.

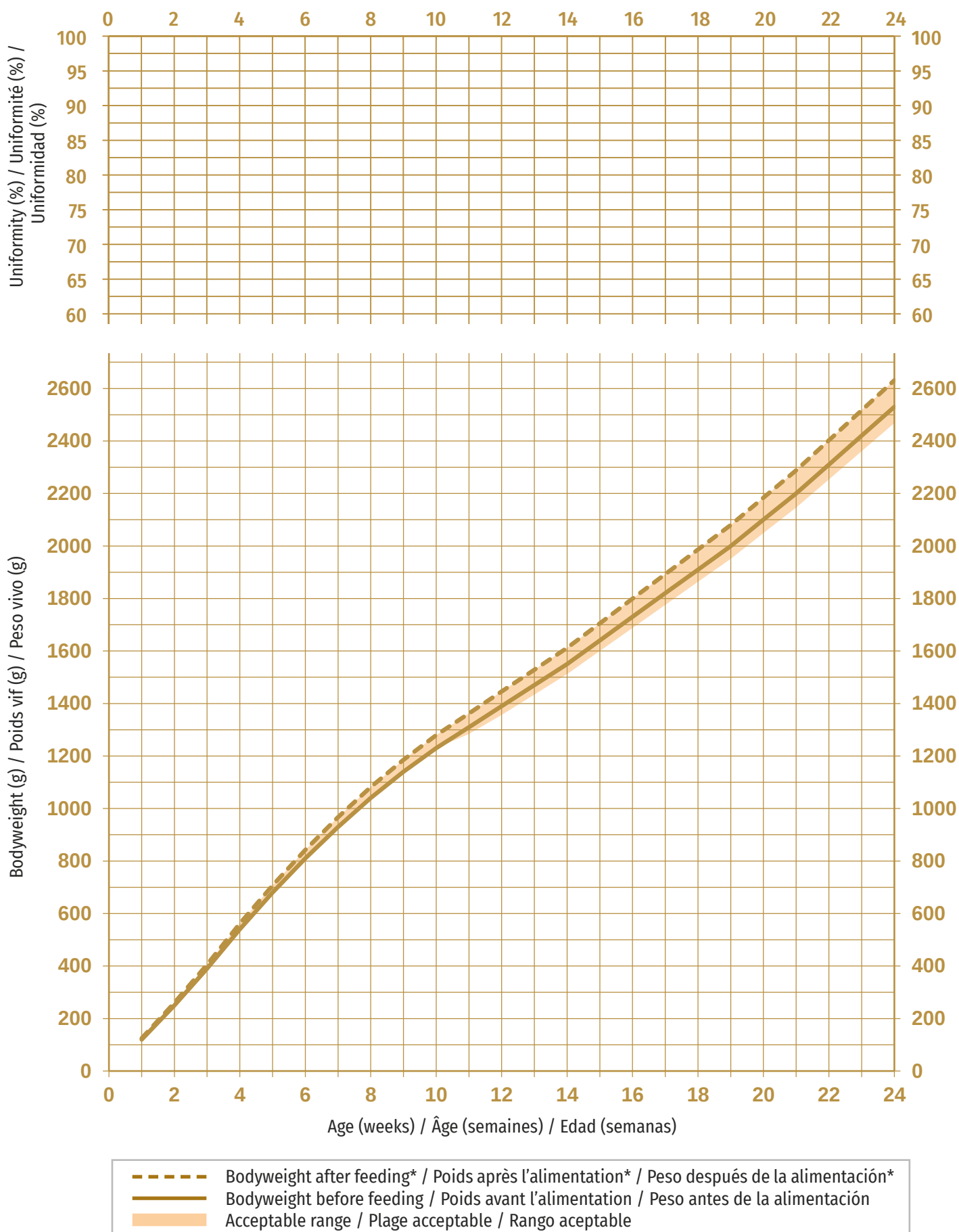
Age / Âge / Edad		Bodyweight (g)* Poids vif (g)* Peso vivo (g)*	Growth (g) Croissance (g) Incremento (g)	Ration (g/day) Ration (g/jour) Ración (g/día)	ME (kcal/day) EM (kcal/jour) EM (kcal/día)
Weeks Semaines Semanas	Days Jours Días				
Pre-Starter feed / Aliment pré-démarrage/ Alimento pre-inicial (2850 kcal ME/kg)					
0	0			Ad libitum	
1	7	120		Ad libitum (20)	
2	14	250	130	31	88
3	21	390	140	36	104
4	28	540	150	42	121
Starter feed / Aliment démarrage / Alimento iniciador (2750 kcal ME/kg)					
5	35	680	140	47	130
6	42	810	130	50	139
7	49	930	120	53	146
8	56	1040	110	56	153
Grower feed / Aliment croissance / Alimento de crecimiento (2650 kcal ME/kg)					
9	63	1140	100	60	158
10	70	1230	90	62	163
11	77	1310	80	63	167
12	84	1390	80	66	174
13	91	1470	80	68	181
14	98	1550	80	71	189
15	105	1640	90	75	200
16	112	1730	90	79	209
17	119	1820	90	82	217
18	126	1910	90	85	225
Transition feed / Aliment transition / Alimento de transición (2700 kcal ME/kg)					
19	133	2000	90	87	235
20	140	2100	100	90	243
21	147	2200	100	95	256
22	154	2310	110	100	269
23	161	2420	110	Please refer to page 9 / Merci de se référer à la page 9 / Gracias por consultar la página 9	
24	168	2530	110		

*Bodyweight before feeding / Poids avant l'alimentation / Peso antes de la alimentación

PARENT STOCK FEMALE DAILY GROWTH CURVE – REARING PERIOD
 COURBE DE CROISSANCE JOURNALIÈRE DE LA FEMELLE PARENTALE – PÉRIODE D'ÉLEVAGE
 CURVA DE CRECIMIENTO DIARIO DE LA HEMBRA REPRODUCTORA – PERÍODO DE RECRÍA
 0-5 WEEKS / SEMAINES / SEMANAS

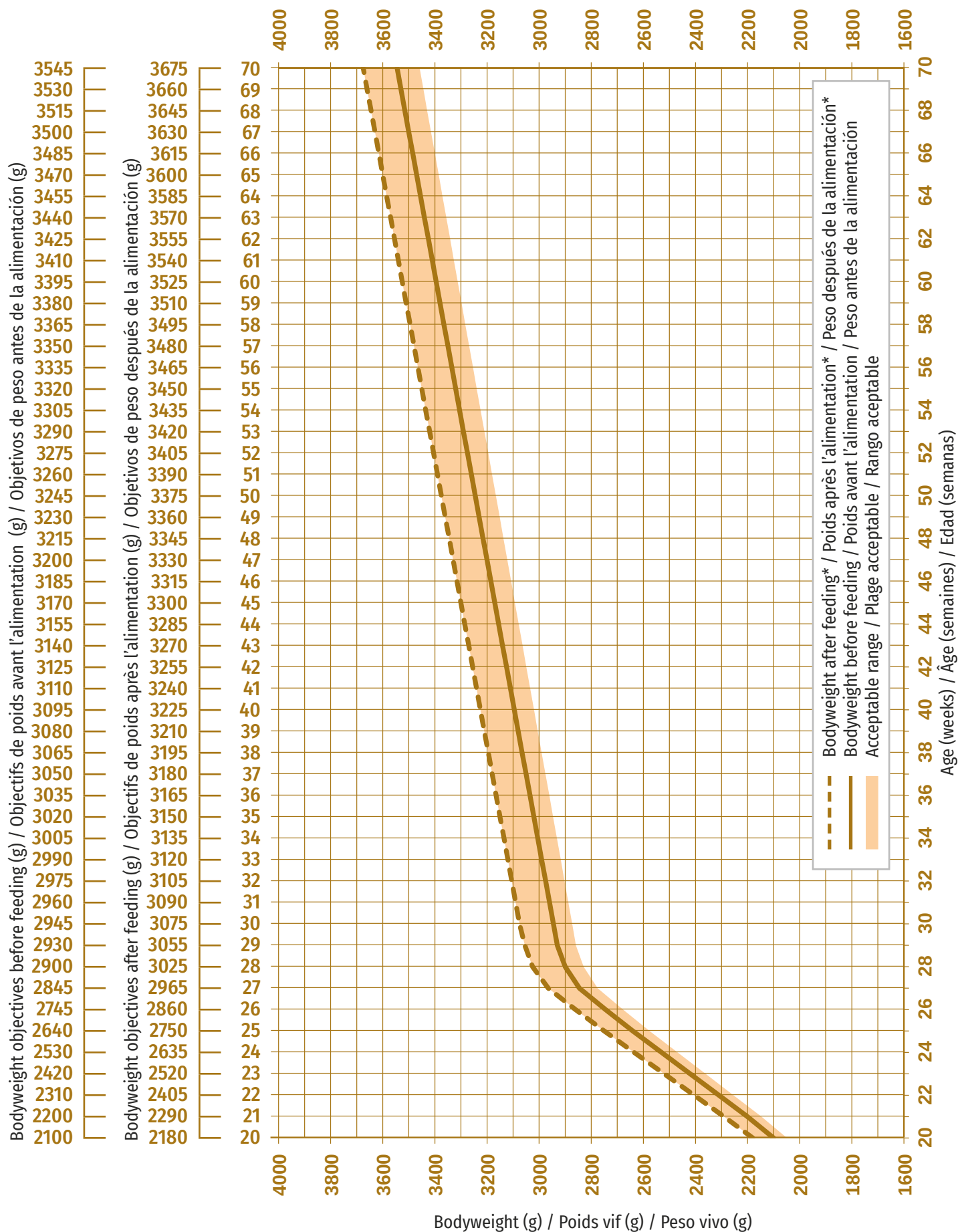


PARENT STOCK FEMALE GROWTH CURVE – REARING PERIOD
COURBE DE CROISSANCE DE LA FEMELLE PARENTALE – PÉRIODE D'ÉLEVAGE
CURVA DE CRECIMIENTO DE LA HEMBRA REPRODUCTORA – PERÍODO DE RECRÍA



* 4-6h after feeding / 4-6h après l'alimentation / 4-6h después la alimentación

PARENT STOCK FEMALE GROWTH OBJECTIVES – PRODUCTION PERIOD
 OBJECTIFS DE CROISSANCE DE LA FEMELLE PARENTALE – PÉRIODE DE PRODUCTION
 OBJETIVOS DE CRECIMIENTO DE LA HEMBRA REPRODUCTORA – PERÍODO DE PUESTA



* 4-6h after feeding / 4-6h après l'alimentation / 4-6h después la alimentación

PARENT STOCK FEMALE PRODUCTION OBJECTIVES

OBJECTIFS DE PRODUCTION DE LA FEMELLE PARENTALE

OBJETIVOS DE PRODUCCIÓN DE LA HEMBRA REPRODUCTORA

Age Âge Edad	Prod.	Total eggs (TE) Œufs totaux (OT) Huevos totales (HT)				Hatching eggs (HE) ** Œufs à couvrir (OAC) ** Huevos incubables (HI) **			Chicks / Poussins / Pollitos***								
		Conventional Conventionnel Convencional			Intermediate growth Croissance intermédiaire Crecimiento diferenciado			Slow growth Croissance lente Crecimiento lento									
Weeks Semaines Semanas		% prod./ HW-PP- HS *	Weekly Sem.	Cum.	Egg weight Poids d'oeuf Peso del huevo (g)	% HE/TE % OAC/OT % HI/HT	Weekly Sem.	Cum.	% hatch % écl. % nac. ***	Weekly Sem.	Cum.	% hatch % écl. % nac. ***	Weekly Sem.	Cum.	% hatch % écl. % nac. ***	Weekly Sem.	Cum.
23	1	5.0	0.4	0.4	48.0		0.0										
24	2	20.5	1.4	1.8	49.0	25.0	0.4	0.4	78.0	0.3	0.3	79.0	0.3	0.3	80.0	0.3	0.3
25	3	50.9	3.6	5.3	51.0	50.0	1.8	2.1	80.0	1.4	1.7	81.0	1.4	1.7	82.0	1.5	1.7
26	4	75.0	5.2	10.6	53.1	75.0	3.9	6.1	81.9	3.2	4.9	82.9	3.3	5.0	83.9	3.3	5.0
27	5	86.5	6.0	16.6	55.0	85.0	5.1	11.2	83.9	4.3	9.2	84.9	4.3	9.3	85.9	4.4	9.4
28	6	88.5	6.1	22.7	56.2	90.0	5.5	16.7	85.5	4.7	13.9	86.5	4.8	14.1	87.5	4.8	14.3
29	7	89.5	6.2	28.9	57.1	94.0	5.8	22.5	86.8	5.1	19.0	87.8	5.1	19.2	88.8	5.2	19.4
30	8	90.0	6.2	35.2	57.7	96.0	6.0	28.5	88.0	5.3	24.3	89.0	5.3	24.5	90.0	5.4	24.8
31	9	90.0	6.2	41.4	58.2	97.5	6.1	34.6	89.0	5.4	29.7	90.0	5.5	30.0	91.0	5.5	30.4
32	10	89.5	6.2	47.6	58.7	98.0	6.1	40.6	89.8	5.4	35.1	90.8	5.5	35.5	91.8	5.6	35.9
33	11	88.8	6.1	53.7	59.2	98.0	6.0	46.6	90.5	5.4	40.5	91.5	5.5	41.0	92.5	5.5	41.5
34	12	88.1	6.1	59.7	59.6	98.0	5.9	52.6	90.9	5.4	45.9	91.9	5.5	46.4	92.9	5.5	47.0
35	13	87.4	6.0	65.7	60.1	98.0	5.9	58.5	91.0	5.4	51.3	92.0	5.4	51.9	93.0	5.5	52.4
36	14	86.7	5.9	71.7	60.5	98.0	5.8	64.3	91.0	5.3	56.6	92.0	5.4	57.2	93.0	5.4	57.9
37	15	86.0	5.9	77.6	61.0	98.0	5.8	70.1	90.7	5.2	61.8	91.7	5.3	62.5	92.7	5.3	63.2
38	16	85.3	5.8	83.4	61.4	98.0	5.7	75.8	90.4	5.2	67.0	91.4	5.2	67.7	92.4	5.3	68.5
39	17	84.6	5.8	89.2	61.8	98.0	5.7	81.4	90.1	5.1	72.1	91.1	5.2	72.9	92.1	5.2	73.7
40	18	83.9	5.7	94.9	62.2	98.0	5.6	87.0	89.8	5.0	77.1	90.8	5.1	78.0	91.8	5.1	78.8
41	19	83.1	5.7	100.6	62.5	98.0	5.5	92.6	89.4	5.0	82.1	90.4	5.0	83.0	91.4	5.1	83.9
42	20	82.3	5.6	106.1	62.9	98.0	5.5	98.0	89.1	4.9	86.9	90.1	4.9	87.9	91.1	5.0	88.9
43	21	81.5	5.5	111.7	63.2	98.0	5.4	103.5	88.7	4.8	91.7	89.7	4.9	92.8	90.7	4.9	93.8
44	22	80.7	5.5	117.1	63.6	98.0	5.4	108.8	88.2	4.7	96.5	89.2	4.8	97.5	90.2	4.8	98.6
45	23	79.8	5.4	122.5	63.9	98.0	5.3	114.1	87.7	4.6	101.1	88.7	4.7	102.2	89.7	4.7	103.4
46	24	78.9	5.3	127.8	64.2	98.0	5.2	119.3	87.2	4.6	105.6	88.2	4.6	106.8	89.2	4.7	108.0
47	25	78.0	5.3	133.1	64.5	98.0	5.2	124.5	86.7	4.5	110.1	87.7	4.5	111.3	88.7	4.6	112.6
48	26	77.1	5.2	138.3	64.8	98.0	5.1	129.5	86.2	4.4	114.5	87.2	4.4	115.8	88.2	4.5	117.1
49	27	76.2	5.1	143.4	65.0	98.0	5.0	134.6	85.7	4.3	118.8	86.7	4.3	120.1	87.7	4.4	121.5
50	28	75.3	5.0	148.5	65.3	98.0	4.9	139.5	85.2	4.2	123.0	86.2	4.3	124.4	87.2	4.3	125.8
51	29	74.4	5.0	153.4	65.5	97.5	4.9	144.4	84.7	4.1	127.1	85.7	4.2	128.6	86.7	4.2	130.0
52	30	73.5	4.9	158.4	65.7	97.5	4.8	149.2	84.2	4.0	131.1	85.2	4.1	132.6	86.2	4.1	134.1
53	31	72.6	4.8	163.2	65.9	97.5	4.7	153.9	83.6	3.9	135.1	84.6	4.0	136.6	85.6	4.0	138.2
54	32	71.7	4.8	168.0	66.1	97.5	4.7	158.5	83.1	3.9	139.0	84.1	3.9	140.5	85.1	4.0	142.1
55	33	70.7	4.7	172.7	66.3	97.5	4.6	163.1	82.5	3.8	142.7	83.5	3.8	144.4	84.5	3.9	146.0
56	34	69.8	4.6	177.3	66.4	97.0	4.5	167.6	82.0	3.7	146.4	83.0	3.7	148.1	84.0	3.8	149.8
57	35	68.8	4.6	181.9	66.6	97.0	4.4	172.1	81.4	3.6	150.0	82.4	3.6	151.8	83.4	3.7	153.5
58	36	67.9	4.5	186.4	66.7	97.0	4.4	176.4	80.9	3.5	153.6	81.9	3.6	155.3	82.9	3.6	157.1
59	37	66.9	4.4	190.8	66.8	97.0	4.3	180.7	80.3	3.4	157.0	81.3	3.5	158.8	82.3	3.5	160.6
60	38	66.0	4.4	195.2	66.9	97.0	4.2	184.9	79.8	3.4	160.4	80.8	3.4	162.2	81.8	3.5	164.1
61	39	65.0	4.3	199.4	67.0	96.5	4.1	189.1	79.2	3.3	163.7	80.2	3.3	165.5	81.2	3.4	167.4
62	40	64.1	4.2	203.6	67.1	96.5	4.1	193.1	78.7	3.2	166.8	79.7	3.2	168.8	80.7	3.3	170.7
63	41	63.1	4.1	207.8	67.1	96.5	4.0	197.1	78.1	3.1	170.0	79.1	3.2	171.9	80.1	3.2	173.9
64	42	62.2	4.1	211.9	67.2	96.5	3.9	201.1	77.6	3.1	173.0	78.6	3.1	175.0	79.6	3.1	177.0
65	43	61.2	4.0	215.9	67.2	96.5	3.9	204.9	77.0	3.0	176.0	78.0	3.0	178.1	79.0	3.1	180.1
66	44	60.3	3.9	219.8	67.2	96.5	3.8	208.7	76.5	2.9	178.9	77.5	2.9	181.0	78.5	3.0	183.1
67	45	59.3	3.9	223.7	67.2	96.0	3.7	212.4	75.9	2.8	181.7	76.9	2.9	183.9	77.9	2.9	186.0
68	46	58.4	3.8	227.5	67.3	96.0	3.6	216.1	75.4	2.8	184.5	76.4	2.8	186.6	77.4	2.8	188.8
69	47	57.4	3.7	231.2	67.4	96.0	3.6	219.7	74.8	2.7	187.2	75.8	2.7	189.4	76.8	2.8	191.6
70	48	56.5	3.7	234.9	67.4	96.0	3.5	223.2	74.3	2.6	189.8	75.3	2.6	192.0	76.3	2.7	194.2

* HW: Hen per Week / PP: Poule Présente / HS: Hembra por Semana

** Hatching egg: minimum 50 g / Œufs à couvrir : minimum 50 g / Huevo incubable: mínimo 50 g

*** Hatchability: based on eggs stored for less than 7 days / Éclosion: basée sur une durée de stockage des œufs inférieure à 7 jours / Nacimiento: basado en una duración de almacenamiento de los huevos inferior a 7 días

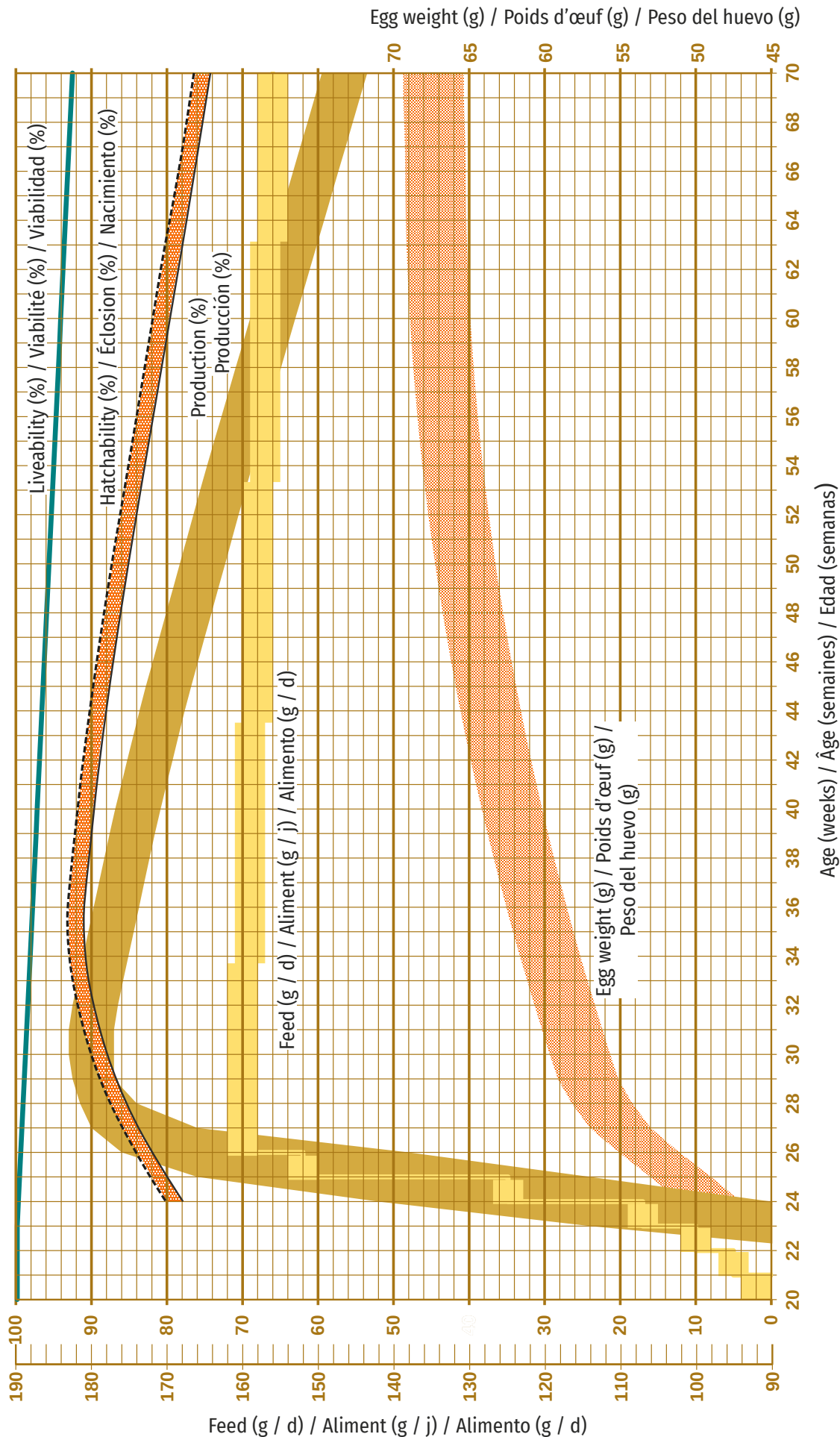
Male types / Types de mâles / Tipos de machos

1: M77, M99

2: ColorYield, Redbro, New Hampshire, Tricolor, Redbro Naked Neck / Redbro Cou Nu, Master Grey / Master Gris, Grey Barred / Gris Barré, S88L

3: I66, G66N, S77, S77N, S88, RIR

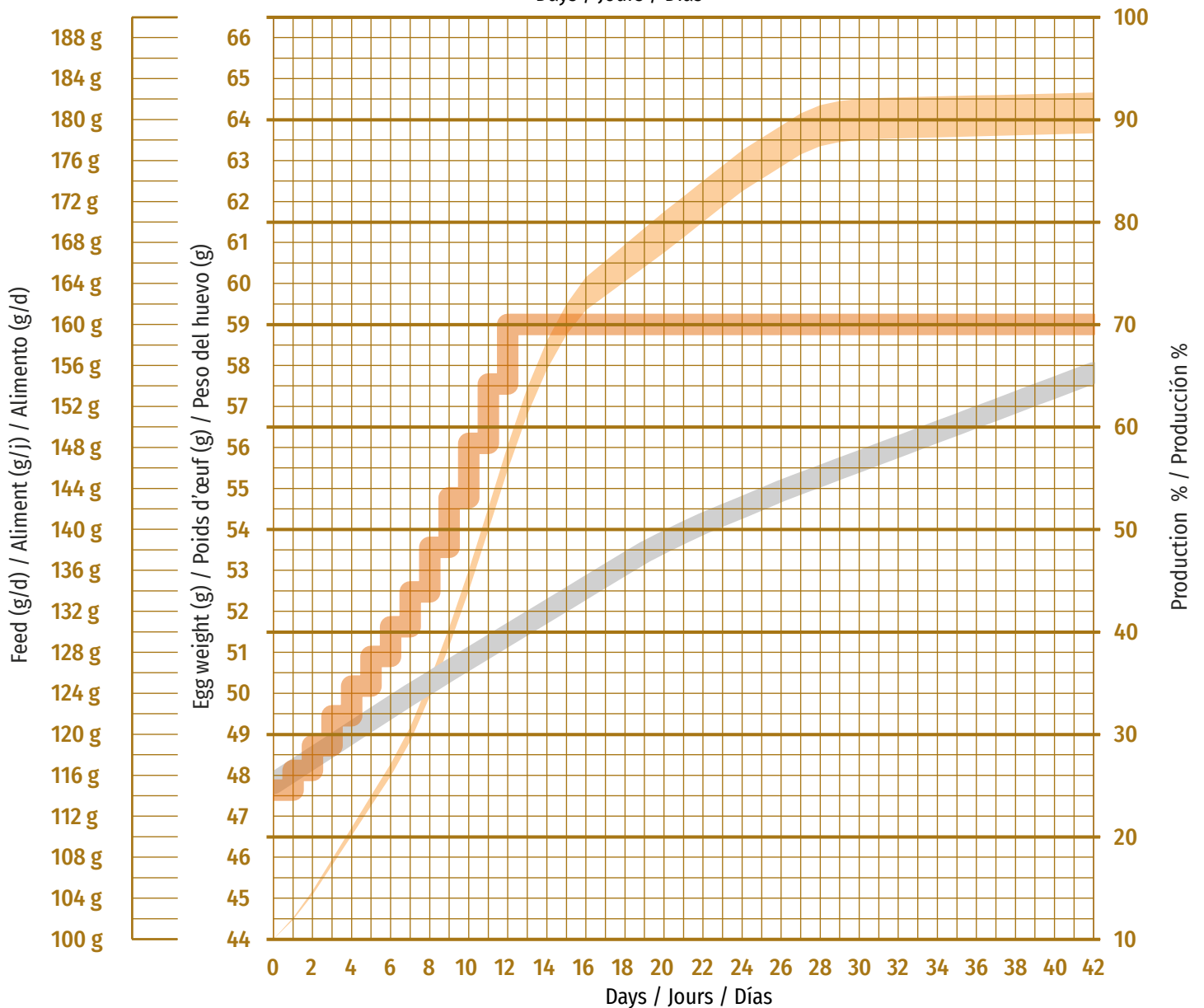
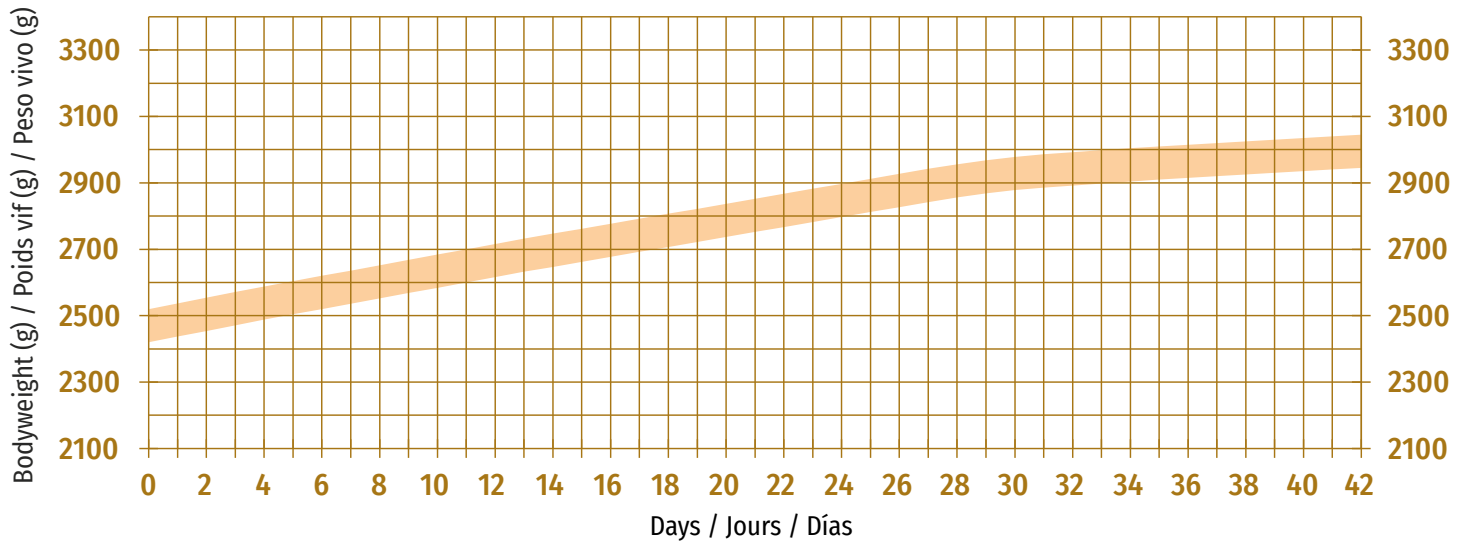
PARENT STOCK FEMALE PERFORMANCE OBJECTIVES
OBJECTIFS DE PERFORMANCE DE LA FEMELLE PARENTALE
OBJETIVOS DE RESULTADO DE LA HEMBRA REPRODUCTORA



Hatchability / Éclosion / Nacimiento

- Slow growth / Croissance lente / Crecimiento lento
- Intermediate growth / Croissance intermédiaire / Crecimiento intermedio
- Conventional / Conventionnel / Convencional

PARENT STOCK FEMALE DAILY FEEDING AT ONSET OF PRODUCTION
ALIMENTATION JOURNALIÈRE DE LA FEMELLE PARENTALE À L'ENTRÉE EN PONTE
ALIMENTACIÓN DIARIA DE LA HEMBRA REPRODUCTORA AL INICIO DE PUESTA



D0 corresponds to 10 % daily production
J0 correspond à 10 % de ponte journalière
D0 corresponde a 10 % de puesta diaria

Production (%) / Producción (%)
Feed (g/d) / Aliment (g/j) / Alimento (g/d)
Egg weight (g) / Poids d'œuf (g) / Peso del huevo (g)

PARENT STOCK FEMALE DAILY FEEDING AT ONSET OF PRODUCTION
ALIMENTATION JOURNALIÈRE DE LA FEMELLE PARENTALE À L'ENTRÉE EN PONTE
ALIMENTACIÓN DIARIA DE LA HEMBRA REPRODUCTORA AL INICIO DE PUESTA

Floor / Sol / Piso					
Production Ponte Producción	Age (weeks) Âge (semaines) Edad (semanas)	20°C - Feed / Aliment / Alimento 2750 Kcal/kg		25 - 28°C - Feed / Aliment / Alimento 2850 Kcal/kg	
		ME kcal - EM kcal / day / jour / día	Ration g - Ración g / day / jour / día	ME kcal - EM kcal / day / jour / día	Ration g - Ración g / day / jour / día
1%		294	107	294	103
5%		306	111	306	107
10%		315	115	315	111
10-60%			+ min 4 g / day / jour / día*		+ min 3-4 g / day / jour / día **
> 60%		440	160	440	154
90%	30	440	160	440	154
84%	40	436	159***	436	153***
75%	50	434	158***	434	152***
66%	60	432	157***	432	151***
57%	70	430	156***	430	150***

* Typical increase in feed is 0.8 - 1 g per 1% increase in daily egg production. / L'augmentation généralement observée est de 0,8 - 1 g d'aliment pour 1 % de gain de production d'œuf quotidien. / El aumento típico de alimento es de 0.8 - 1 g por cada 1% de aumento en la producción diaria de huevos.

** Typical increase in feed is 0.6 - 0.8 g per 1% increase in daily egg production. / L'augmentation généralement observée est de 0,6 - 0,8 g d'aliment pour 1 % de gain de production d'œuf quotidien. / El aumento típico de alimento es de 0.6 - 0.8 g por cada 1% de aumento en la producción diaria de huevos.

*** The feeding program above is given as an indication. The level of feed ration should be adjusted at any time according to the performance level, the bird's environment and management conditions. / Le programme d'alimentation ci-dessus est proposé à titre indicatif. Le niveau de ration doit être à tout moment ajusté en fonction des performances observées et des conditions d'élevage. / El programa de alimentación arriba mencionado es sólo una guía. La cantidad de ración debe ajustarse en todo momento de acuerdo con el rendimiento, condiciones ambientales y de manejo de las aves.

ESTIMATED FEED EFFICIENCY PER HATCHING EGG AND CHICK
INDICE DE CONSOMMATION ESTIMÉ PAR ŒUF À COUVER ET POUSSIN
ÍNDICE DE CONSUMO ESTIMADO POR HUEVO INCUBABLE Y POLLITO

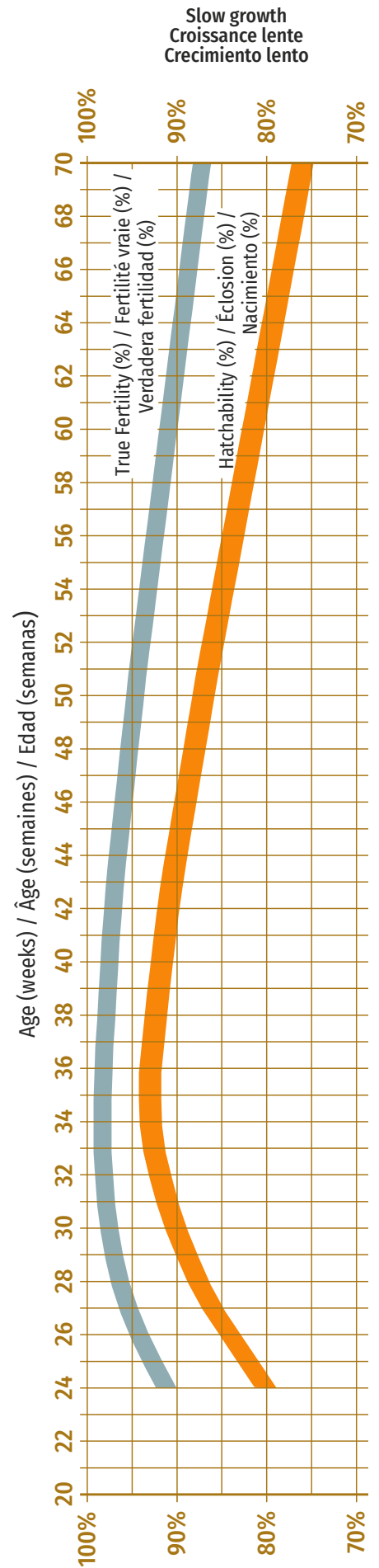
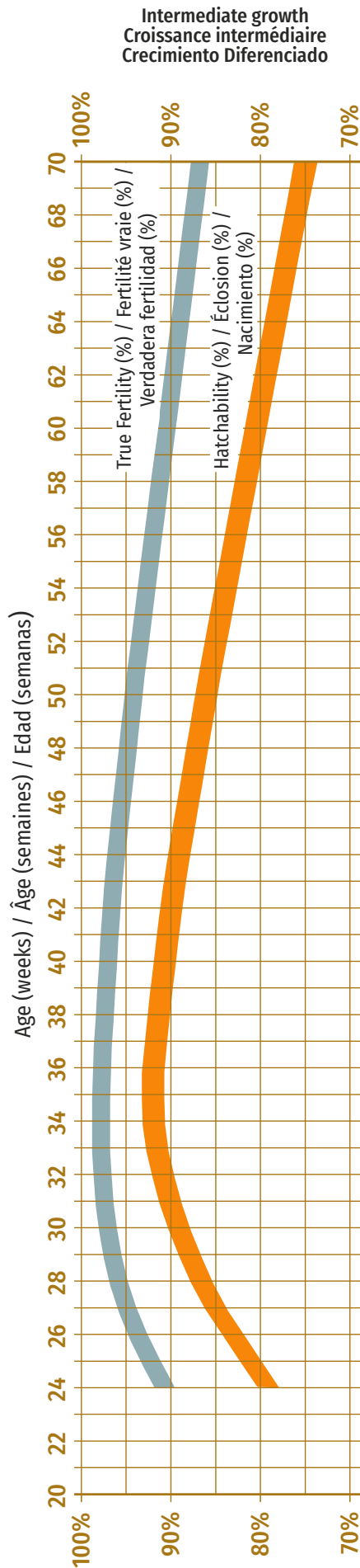
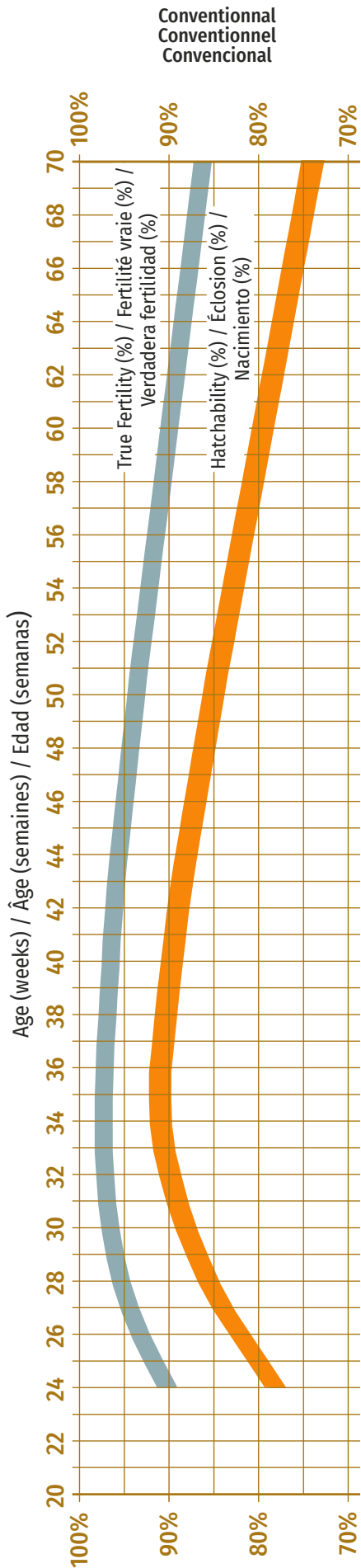
Indicator Indicateur Indicador	Period Période Período	Male type / Type de mâle / Tipo de macho		
		Conventional Conventionnel Convencional	Intermediate growth Croissance intermédiaire Crecimiento intermedio	Slow growth Croissance lente Crecimiento lento
g/hatching egg g/œuf à couvrir g/huevo incubable	22-64 weeks / 22-64 sem.	221		
	0-64 weeks / 0-64 sem.	271		
g/chick g/poussin g/pollito	22-64 weeks / 22-64 sem.	257	254	251
	0-64 weeks / 0-64 sem.	315	311	308

Feed amounts expressed in the table do not include male feed allocations. / Les quantités d'aliment indiquées dans le tableau n'incluent pas la ration d'aliment des mâles. / Las cantidades de alimento mencionadas en la tabla no incluyen la ración de alimento de los machos.

PARENT STOCK FEMALE HATCHABILITY AND FERTILITY PERFORMANCE OBJECTIVES

OBJECTIFS D'ÉCLOSION ET DE FERTILITÉ DE LA FEMELLE PARENTALE

OBJETIVOS DE NACIMIENTO DE LA HEMBRA REPRODUCTORA





EMBRYONIC LOSS - PARENT STOCK FEMALE MATED WITH CONVENTIONAL MALES PERTE EMBRYONNAIRE - LA FEMELLE PARENTALE CROISÉE AVEC DES MÂLES CONVENTIONNELS PÉRDIDAS EMBRIONARIAS - LA HEMBRA REPRODUCTORA CRUZADO CON MACHOS CONVENCIONALES

Weeks Semaines Semanas	True Fertility Fertilité vraie Verdadera fertilidad %	Embryonic loss % / Perte embryonnaire % / Pérdidas embrionarias %					Hatch of Fertile Eclosabilité Nacimiento de huevos fértiles %	Hatch of Set Eclosion Nacimiento %
		Period of incubation / Période d'incubation / Período de incubación						
		0-4 days / jours / días	5-10 days / jours / días	11-18 days / jours / días	19-21 days / jours / días	Total 0-21 days / jours / días		
24	90.1	5.3	0.9	0.9	5.0	12.1	86.6	78.0
25	91.7	5.3	0.9	0.9	4.7	11.7	87.2	80.0
26	93.1	5.2	0.8	0.8	4.4	11.2	88.0	81.9
27	94.3	4.9	0.7	0.7	4.1	10.4	88.9	83.9
28	95.3	4.7	0.6	0.6	3.9	9.8	89.7	85.5
29	96.0	4.5	0.5	0.5	3.6	9.2	90.4	86.8
30	96.5	4.2	0.5	0.5	3.4	8.5	91.2	88.0
31	96.9	4.0	0.4	0.4	3.1	7.9	91.8	89.0
32	97.1	3.7	0.4	0.4	2.9	7.3	92.5	89.8
33	97.3	3.5	0.3	0.3	2.7	6.8	93.0	90.5
34	97.3	3.3	0.3	0.3	2.6	6.4	93.4	90.9
35	97.3	3.2	0.3	0.3	2.5	6.3	93.5	91.0
36	97.2	3.2	0.3	0.3	2.5	6.2	93.6	91.0
37	97.1	3.3	0.3	0.3	2.6	6.4	93.4	90.7
38	96.9	3.3	0.3	0.3	2.6	6.5	93.3	90.4
39	96.8	3.4	0.3	0.3	2.7	6.7	93.1	90.1
40	96.6	3.5	0.3	0.3	2.8	6.8	93.0	89.8
41	96.4	3.6	0.3	0.3	2.8	7.0	92.7	89.4
42	96.2	3.6	0.3	0.3	2.9	7.1	92.6	89.1
43	96.0	3.7	0.3	0.3	3.0	7.3	92.4	88.7
44	95.7	3.8	0.3	0.3	3.0	7.5	92.2	88.2
45	95.4	3.8	0.4	0.4	3.1	7.7	92.0	87.7
46	95.0	3.9	0.4	0.4	3.2	7.8	91.7	87.2
47	94.7	4.0	0.4	0.4	3.3	8.0	91.5	86.7
48	94.4	4.1	0.4	0.4	3.4	8.2	91.3	86.2
49	94.1	4.1	0.4	0.4	3.5	8.4	91.1	85.7
50	93.8	4.2	0.4	0.4	3.6	8.6	90.9	85.2
51	93.4	4.3	0.4	0.4	3.7	8.7	90.6	84.7
52	93.1	4.3	0.4	0.4	3.8	8.9	90.4	84.2
53	92.7	4.4	0.4	0.4	3.9	9.1	90.2	83.6
54	92.3	4.5	0.4	0.4	4.0	9.3	89.9	83.1
55	92.0	4.5	0.4	0.4	4.1	9.5	89.7	82.5
56	91.6	4.6	0.4	0.4	4.2	9.7	89.5	82.0
57	91.2	4.7	0.4	0.4	4.3	9.8	89.2	81.4
58	90.9	4.7	0.5	0.5	4.4	10.0	89.0	80.9
59	90.5	4.8	0.5	0.5	4.5	10.2	88.7	80.3
60	90.1	4.9	0.5	0.5	4.6	10.4	88.5	79.8
61	89.8	4.9	0.5	0.5	4.7	10.6	88.2	79.2
62	89.4	5.0	0.5	0.5	4.8	10.7	88.0	78.7
63	89.0	5.0	0.5	0.5	4.9	10.9	87.7	78.1
64	88.6	5.1	0.5	0.5	5.0	11.1	87.5	77.6
65	88.3	5.2	0.5	0.5	5.1	11.3	87.2	77.0
66	87.9	5.2	0.5	0.5	5.2	11.5	87.0	76.5
67	87.5	5.3	0.5	0.5	5.3	11.6	86.7	75.9
68	87.2	5.4	0.5	0.5	5.4	11.8	86.4	75.4
69	86.8	5.5	0.5	0.5	5.5	12.0	86.2	74.8
70	86.4	5.5	0.5	0.5	5.5	12.2	85.9	74.3



EMBRYONIC LOSS - PARENT STOCK FEMALE MATED WITH INTERMEDIATE GROWTH MALES
PERTE EMBRYONNAIRE - LA FEMELLE PARENTALE CROISÉE AVEC DES MÂLES CROISSANCE INTERMÉDIAIRE
PÉRDIDAS EMBRIONARIAS - LA HEMBRA REPRODUCTORA CRUZADO CON MACHOS CRECIMIENTO INTERMEDIO

Weeks Semaines Semanas	True Fertility Fertilité vraie Verdadera fertilidad %	Embryonic loss % / Perte embryonnaire % / Pérdidas embrionarias %					Hatch of Fertile Eclosabilité Nacimiento de huevos fértiles %	Hatch of Set Eclosion Nacimiento %
		Period of incubation / Période d'incubation / Período de incubación						
		0-4 days / jours / días	5-10 days / jours / días	11-18 days / jours / días	19-21 days / jours / días	Total 0-21 days / jours / días		
24	90.6	5.1	0.9	0.9	4.8	11.6	87.2	79.0
25	92.2	5.0	0.8	0.8	4.5	11.2	87.8	81.0
26	93.6	4.9	0.8	0.8	4.2	10.7	88.6	82.9
27	94.8	4.7	0.7	0.7	3.9	9.9	89.5	84.9
28	95.8	4.5	0.6	0.6	3.7	9.3	90.3	86.5
29	96.5	4.2	0.5	0.5	3.4	8.7	91.0	87.8
30	97.0	4.0	0.4	0.4	3.2	8.0	91.8	89.0
31	97.4	3.7	0.4	0.4	2.9	7.4	92.4	90.0
32	97.6	3.4	0.3	0.3	2.7	6.8	93.0	90.8
33	97.8	3.2	0.3	0.3	2.5	6.3	93.6	91.5
34	97.8	3.0	0.3	0.3	2.4	5.9	94.0	91.9
35	97.8	3.0	0.3	0.3	2.3	5.8	94.1	92.0
36	97.7	2.9	0.2	0.2	2.3	5.7	94.2	92.0
37	97.6	3.0	0.3	0.3	2.4	5.9	94.0	91.7
38	97.4	3.1	0.3	0.3	2.4	6.0	93.8	91.4
39	97.3	3.1	0.3	0.3	2.5	6.2	93.7	91.1
40	97.1	3.2	0.3	0.3	2.6	6.3	93.5	90.8
41	96.9	3.3	0.3	0.3	2.6	6.5	93.3	90.4
42	96.7	3.4	0.3	0.3	2.7	6.6	93.1	90.1
43	96.5	3.4	0.3	0.3	2.8	6.8	92.9	89.7
44	96.2	3.5	0.3	0.3	2.8	7.0	92.7	89.2
45	95.9	3.6	0.3	0.3	2.9	7.2	92.5	88.7
46	95.5	3.7	0.4	0.4	3.0	7.3	92.3	88.2
47	95.2	3.7	0.4	0.4	3.1	7.5	92.1	87.7
48	94.9	3.8	0.4	0.4	3.2	7.7	91.9	87.2
49	94.6	3.9	0.4	0.4	3.3	7.9	91.7	86.7
50	94.3	4.0	0.4	0.4	3.3	8.1	91.4	86.2
51	93.9	4.0	0.4	0.4	3.4	8.2	91.2	85.7
52	93.6	4.1	0.4	0.4	3.5	8.4	91.0	85.2
53	93.2	4.2	0.4	0.4	3.6	8.6	90.8	84.6
54	92.8	4.2	0.4	0.4	3.7	8.8	90.5	84.1
55	92.5	4.3	0.4	0.4	3.8	9.0	90.3	83.5
56	92.1	4.4	0.4	0.4	4.0	9.2	90.1	83.0
57	91.7	4.4	0.4	0.4	4.1	9.3	89.8	82.4
58	91.4	4.5	0.4	0.4	4.2	9.5	89.6	81.9
59	91.0	4.6	0.4	0.4	4.3	9.7	89.3	81.3
60	90.6	4.6	0.4	0.4	4.4	9.9	89.1	80.8
61	90.3	4.7	0.4	0.4	4.5	10.1	88.9	80.2
62	89.9	4.7	0.4	0.4	4.6	10.2	88.6	79.7
63	89.5	4.8	0.5	0.5	4.7	10.4	88.4	79.1
64	89.1	4.9	0.5	0.5	4.8	10.6	88.1	78.6
65	88.8	4.9	0.5	0.5	4.9	10.8	87.9	78.0
66	88.4	5.0	0.5	0.5	5.0	11.0	87.6	77.5
67	88.0	5.1	0.5	0.5	5.1	11.1	87.3	76.9
68	87.7	5.2	0.5	0.5	5.2	11.3	87.1	76.4
69	87.3	5.2	0.5	0.5	5.2	11.5	86.8	75.8
70	86.9	5.3	0.5	0.5	5.3	11.7	86.6	75.3



EMBRYONIC LOSS - PARENT STOCK FEMALE MATED WITH SLOW GROWTH MALES
PERTE EMBRYONNAIRE - LA FEMELLE PARENTALE CROISÉE AVEC DES MÂLES CROISSANCE LENTE
PÉRDIDAS EMBRIONARIAS - LA HEMBRA REPRODUCTORA CRUZADO CON MACHOS CRECIMIENTO LENTO

Weeks Semaines Semanas	True Fertility Fertilité vraie Verdadera fertilidad %	Embryonic loss % / Perte embryonnaire % / Pérdidas embrionarias %					Hatch of Fertile Eclosabilité Nacimiento de huevos fértiles %	Hatch of Set Eclosion Nacimiento %
		Period of incubation / Période d'incubation / Período de incubación						
		0-4 days / jours / días	5-10 days / jours / días	11-18 days / jours / días	19-21 days / jours / días	Total 0-21 days / jours / días		
24	91.1	4.9	0.8	0.8	4.6	11.1	87.8	80.0
25	92.7	4.8	0.8	0.8	4.3	10.7	88.5	82.0
26	94.1	4.7	0.7	0.7	4.0	10.2	89.2	83.9
27	95.3	4.4	0.6	0.6	3.7	9.4	90.1	85.9
28	96.3	4.2	0.6	0.6	3.5	8.8	90.9	87.5
29	97.0	4.0	0.5	0.5	3.2	8.2	91.5	88.8
30	97.5	3.7	0.4	0.4	3.0	7.5	92.3	90.0
31	97.9	3.5	0.4	0.4	2.7	6.9	93.0	91.0
32	98.1	3.2	0.3	0.3	2.5	6.3	93.6	91.8
33	98.3	2.9	0.3	0.3	2.3	5.8	94.1	92.5
34	98.3	2.8	0.2	0.2	2.2	5.4	94.5	92.9
35	98.3	2.7	0.2	0.2	2.1	5.3	94.6	93.0
36	98.2	2.7	0.2	0.2	2.1	5.2	94.7	93.0
37	98.1	2.8	0.2	0.2	2.2	5.4	94.5	92.7
38	97.9	2.8	0.2	0.2	2.2	5.5	94.4	92.4
39	97.8	2.9	0.2	0.2	2.3	5.7	94.2	92.1
40	97.6	3.0	0.2	0.2	2.3	5.8	94.1	91.8
41	97.4	3.1	0.3	0.3	2.4	6.0	93.8	91.4
42	97.2	3.1	0.3	0.3	2.5	6.1	93.7	91.1
43	97.0	3.2	0.3	0.3	2.6	6.3	93.5	90.7
44	96.7	3.3	0.3	0.3	2.6	6.5	93.3	90.2
45	96.4	3.3	0.3	0.3	2.7	6.7	93.1	89.7
46	96.0	3.4	0.3	0.3	2.8	6.8	92.9	89.2
47	95.7	3.5	0.3	0.3	2.9	7.0	92.7	88.7
48	95.4	3.6	0.3	0.3	3.0	7.2	92.4	88.2
49	95.1	3.6	0.4	0.4	3.0	7.4	92.2	87.7
50	94.8	3.7	0.4	0.4	3.1	7.6	92.0	87.2
51	94.4	3.8	0.4	0.4	3.2	7.7	91.8	86.7
52	94.1	3.9	0.4	0.4	3.3	7.9	91.6	86.2
53	93.7	3.9	0.4	0.4	3.4	8.1	91.3	85.6
54	93.3	4.0	0.4	0.4	3.5	8.3	91.1	85.1
55	93.0	4.1	0.4	0.4	3.6	8.5	90.9	84.5
56	92.6	4.1	0.4	0.4	3.7	8.7	90.7	84.0
57	92.2	4.2	0.4	0.4	3.8	8.8	90.4	83.4
58	91.9	4.3	0.4	0.4	3.9	9.0	90.2	82.9
59	91.5	4.3	0.4	0.4	4.0	9.2	90.0	82.3
60	91.1	4.4	0.4	0.4	4.2	9.4	89.7	81.8
61	90.8	4.5	0.4	0.4	4.3	9.6	89.5	81.2
62	90.4	4.5	0.4	0.4	4.4	9.7	89.2	80.7
63	90.0	4.6	0.4	0.4	4.5	9.9	89.0	80.1
64	89.6	4.6	0.4	0.4	4.6	10.1	88.7	79.6
65	89.3	4.7	0.4	0.4	4.7	10.3	88.5	79.0
66	88.9	4.8	0.5	0.5	4.8	10.5	88.2	78.5
67	88.5	4.8	0.5	0.5	4.8	10.6	88.0	77.9
68	88.2	4.9	0.5	0.5	4.9	10.8	87.7	77.4
69	87.8	5.0	0.5	0.5	5.0	11.0	87.5	76.8
70	87.4	5.1	0.5	0.5	5.1	11.2	87.2	76.3





Hubbard

YOUR CHOICE, OUR COMMITMENT



HUBBARD PREMIUM
the natural choice!

HUBBARD PREMIUM
le choix naturel !

HUBBARD PREMIUM
¡la elección natural!

VISIT OUR WEBSITE FOR MORE DOCUMENTS

CONSULTEZ NOTRE SITE INTERNET POUR PLUS DE DOCUMENTS

VISITE NUESTRA PÁGINA WEB PARA MÁS DOCUMENTOS

www.hubbardbreeders.com



! The performance data contained in this document was obtained from results and experience from our own research flocks and flocks of our customers. In no way does the data contained in this document constitute a warranty or guarantee of the same performance under different conditions of nutrition, density or physical or biological environment. In particular (but without limitation of foregoing) we do not grant any warranties regarding the fitness for purpose, performance, use, nature or quality of the flocks, nor any warranty regarding compliance with local legislation regarding health, welfare, or other aspects of animal production. Hubbard makes no representation as to the accuracy or completeness of the information contained in this document.

! Les données de performances fournies dans ce document ont été établies à partir de notre expérience et des résultats obtenus de nos propres animaux d'expérimentation et des animaux de notre clientèle. Les données de ce document ne sauraient en aucun cas garantir l'obtention des mêmes performances dans des conditions de nutrition, de densité ou d'environnement physique ou biologique différentes. En particulier (mais sans limitation de ce qui précède), nous ne donnons aucune garantie d'adéquation au but, à la performance, à l'usage, à la nature ou la qualité des animaux, ni aucune garantie de conformité avec les réglementations locales relatives à la santé, au bien-être, ou autres aspects des productions animales. HUBBARD ne fait aucune déclaration quant au caractère précis ou complet des informations contenues dans ce document.

! Las cifras de rendimiento suministradas en este documento han sido establecidas a partir de resultados y experiencias obtenidos de nuestras crías o de crías de nuestra clientela. En ningún caso estas cifras podrán constituir una garantía para la obtención de los mismos rendimientos bajo condiciones de nutrición, de densidad o de medio ambiente físico o biológico distintas. En particular (y sin limitación de lo anterior), no otorgamos ninguna garantía con respecto a la aptitud para el propósito, rendimiento, uso, naturaleza o calidad de los lotes. HUBBARD no se hace responsable ni de la exactitud y lo completo de la información contenida en este documento.

AMERICAS
HUBBARD LLC
123 Gallus Rd
PIKEVILLE, TN 37367 – U.S.A.
TEL. +1 (423) 447 6224
contact.americas@hubbardbreedersusa.com

EUROPE, MIDDLE EAST, AFRICA
HUBBARD S.A.S.
Mauguérand
22800 LE FOEIL – FRANCE
TEL. +33 2 96 79 63 70
contact.emea@hubbardbreeders.com

ASIA
HUBBARD S.A.S.
Mauguérand
22800 LE FOEIL – FRANCE
TEL. +33 2 96 79 63 70
contact.asia@hubbardbreeders.com

Hubbard is a registered trademark of Hubbard in the US and other countries.
All other brands and trademarks are the trademarks of their respective owners.

© 2026 Hubbard