



Nombre del alumno:

Carlos Alberto Trujillo Díaz

Nombre del profesor:

Carlos Sandoval Mancio

Licenciatura:

Medicina Veterinaria y Zootecnia

Materia:

PASIÓN POR EDUCAR

Zootecnia de porcinos

Nombre del trabajo:

Dieta

Ocosingo, Chiapas a 30 de junio de 2020

Salvado de Trigo	PC	EM
Chicharo	25.6%	3.86%
Avena	12.9%	3.11%
Maiz en grano	29.8%	3.44%
Salvado de Trigo	17.6%	2.21%

MEZCLA 1:

$$\begin{array}{r} \text{Chicharo: } 25.6\% \quad \swarrow \quad \text{0.3} \\ \text{Avena: } 12.9\% \quad \searrow \quad \text{12.4} \\ \hline \text{13.2\%} \quad \text{12.7} \end{array}$$

MEZCLA 2:

$$\begin{array}{r} \text{Maiz } 29.8\% \quad \swarrow \quad \text{4.4} \\ \text{Salvado } 17.6\% \quad \searrow \quad \text{16.6} \\ \hline \text{13.2\%} \quad \text{21} \end{array}$$

Chicharo $(0.3 \times 100) \div 12.7 = 2.36\%$
 Avena $(12.4 \times 100) \div 12.7 = 97.63\%$
 99.99%

Maiz $(4.4 \times 100) \div 21 = 20.95\%$
 Salvado $(16.6 \times 100) \div 21 = 79.04\%$
 99.99%

Aporte energetico:

MEZCLA 1:
 Chicharo $(3.86 \text{ Mcal/kg} \times 2.36\%) \div 100 = 0.09 > 3.12 \text{ Mcal/kg}$
 Avena $(3.11 \text{ Mcal/kg} \times 97.63\%) \div 100 = 3.03$

MEZCLA 2:
 Maiz $(3.44 \text{ Mcal/kg} \times 20.95\%) \div 100 = 0.72 > 2.86 \text{ Mcal/kg}$
 Salvado $(2.21 \text{ Mcal/kg} \times 79.04\%) \div 100 = 2.14$

MEZCLA 1: $3.12 \text{ Mcal/kg} > 3.26 \text{ Mcal/kg}$
 MEZCLA 2: $2.86 \text{ Mcal/kg} > 2.91$

$$\begin{array}{r} 0.4 \quad (0.4 \times 100) = 0.51 = 74.07 \\ 0.14 \quad (0.14 \times 100) = 0.51 = 25.92 \\ \hline 0.51 \quad 99.99\% \end{array}$$

Chicharo	Avena	Maiz	Salvado
100%	100%	100%	100%
74.07	74.07	25.92%	25.92%
2.36%	97.63%	20.95%	79.04%
1.74	72.31	5.43%	20.43%
99.98			

Precio de los productos

29

1- Chicharo	\$ 69 kg	50.25
2- Avena	\$ 25 kg	17.51
3- Maiz	\$ 5.50 kg	12.55
4- Salvado Trigo	\$ 35 kg	10.51

[Faint handwritten notes and calculations, including mathematical expressions like $1.2 \times 15 = 18$ and $1.5 \times 15 = 22.5$, and other illegible scribbles.]