



**Nombre del alumno: Pablo Einer
Sántiz Ruíz**

**Nombre del profesor: MVZ. Carlos
Sandoval Mancio**

**Nombre del trabajo: Elaboración de
una dieta**

Materia: Zootecnia de porcinos

Grado: 6to. Cuatrimestre

Grupo: A

Ocosingo, Chiapas a 30 de junio de 2020.

ZOOTECNIA DE PERSONAS

Ejercicio.

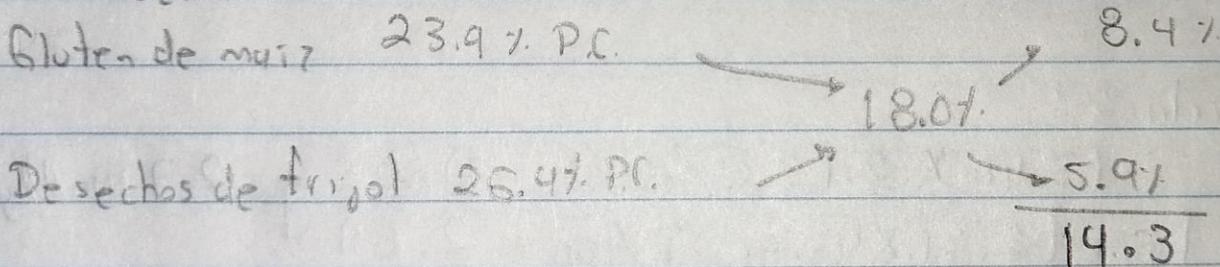
• Etapa de destete:

* Requerimientos : - E.M. : 3.265 kcal/kg
 - P.C. : 18.0%

* Ingredientes:

	E.M.	P.C.
• Gluten de maiz:	3.322	23.9%
• Desechos de frijol:	3.600	26.4%
• Linaza	3.400	37.3%
• Salvado de trigo	2.719	17.6%

Mezcla 1

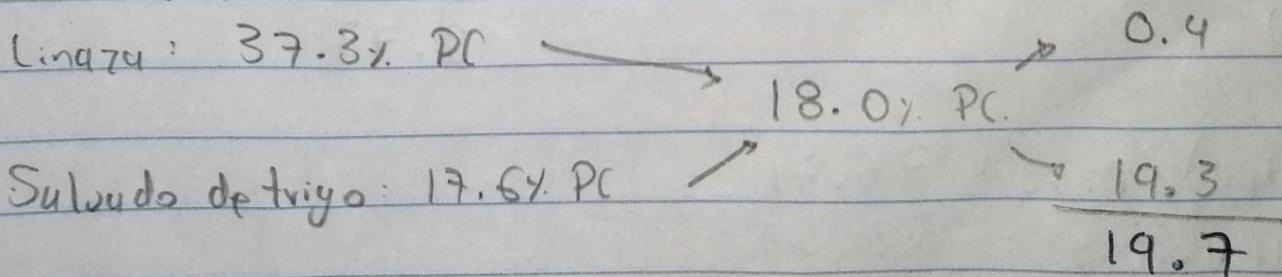


* Gluten de maiz $(8.4 \times 100) / 14.3 = 58.74$

* Desechos de frijol $(5.9 \times 100) / 14.3 = 41.25$

99.99

Mezcla 2



$$\begin{aligned}
 * \text{Linaza} & (0.4 \times 100) / 19.7 = 2.03 \\
 * \text{Salvado de trigo} & (19.3 \times 100) / 19.7 = \underline{97.96} \\
 & \underline{99.99}
 \end{aligned}$$

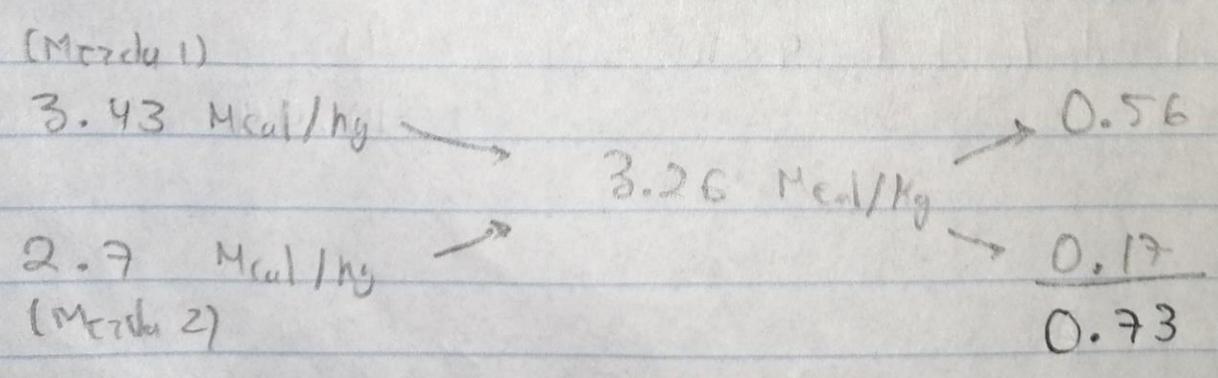
= Aporte energetico =

"Mezcla 1"

$$\begin{aligned}
 * \text{Gluten de maiz} & (3.32 \times 58.74\%) / 100 = 1.95 \\
 * \text{Desechos de frijol} & (3.60 \times 41.25\%) / 100 = 1.48 \\
 & \left. \begin{array}{l} 1.95 \\ 1.48 \end{array} \right\} 3.43 \text{ Mcal/kg}
 \end{aligned}$$

"Mezcla 2"

$$\begin{aligned}
 * \text{Linaza} & (3.40 \times 2.03\%) / 100 = 0.06 \\
 * \text{Salvado de trigo} & (2.71 \times 97.96\%) / 100 = 2.69 \\
 & \left. \begin{array}{l} 0.06 \\ 2.69 \end{array} \right\} 2.7 \text{ Mcal/kg}
 \end{aligned}$$



$$\begin{aligned}
 (0.56 \times 100) / 0.73 & = 76.71 \\
 (0.17 \times 100) / 0.73 & = \underline{23.28} \\
 & \underline{99.99}
 \end{aligned}$$

Gluten de maiz : 100% ——— 76.71%
 58.74% ——— x = 45.05%

Desechos de frijol 100% ——— 76.71%
 41.25% ——— x = 31.64%

Linaza 100% ——— 23.28
 203% ——— x = 0.47%

Salvado de trigo 100% ——— 23.28
 97.96% ——— x = 22.80%

$$45.05\% + 31.64\% + 0.47\% + 22.80\% = 99.96.$$