



TRISOJA® COOKING TIME REPORT

To set the comparative cooking time cost between TRISOJA and rice, we have to consider the following variables:

- 10kg Carafe, capacity 5lts. of LPG (.Liquefied petroleum gas)
- Cost of carafe 10kg. U\$S 8.
- Medium-size Stove, consumption 1450 kcal./hs. (Norm Iram 2092-1:96)
- Gas LPG, calorific power 6200 kcal./lts.
- TRISOJA® cooking time: 5 minutes.
- Rice cooking time: 20 minutes.

Amount of Kcal. to cook the TRISOJA®

To cook 1 kg. of TRISOJA® we will need approximately 5 minutes; considering the use of a medium-size Stove, which its consumption is 1450 kcal/hs and its calorific power of the LPG contained in a carafe is 6200 kcal. per hour, we deduce the follow:

60 min. _____ 1.450 kcal.
5 min. _____ X_t

$X_t=120,83$ kcal.

It is required 120,83 kcal to cook one kilo of TRISOJA®, using a medium-size stove.

Amount de Kcal. To cook the Rice

To cook 1 kg. of Rice we will need approximately 20 minutes; considering the use of a medium-size Stove, which its consumption is 1450 kcal/hs and its calorific power of the LPG contained in a carafe is 6200 kcal. per hour, we deduce the follow:

60 min. _____ 1.450 kcal.
20 min. _____ X_a

$X_a=483,33$ kcal.

It is required 483,33 kcal to cook one kilo of Rice, using a medium-size stove.



Amount of Kcal containing in a carafe of 10kg (5lts of LPG)

On a 10kg. carafe, it is contained 5 liters of LPG, considering that the calorific power of the LPG is 6.200 for each liter.

1 lts. _____ 6.200 kcal.

5 lts.. _____ X_g

$X_g=31.000$ kcal.

On a 10kg carafe it is contained 31.000 kilocalories available to use.

Cost per Kcal contained on a 10kg carafe (5lts of LPG)

The cost approximately of a 10kg.carafe is U\$ 8 and the estimate cost per calorie is the follow:

31.000kcal. _____ U\$ 8.

1kcal. _____ X_s

$X_s=$ U\$ 0,00026

The cost per calorie is \$ 0,00026

Cost of Enery to cook 1 kg. of TRISOJA®

Because it is needed 120,83 kcal. to cook 1 kg. of TRISOJA® and the cost of 1 kcal. is U\$ 0,00026, the cost to cook 1 kg. of TRISOJA® is estimated as follows:

1kcal. _____ U\$ 0,00026

120,83kcal. _____ $X_{T\$}$

$X_{T\$}=$ U\$ 0,031

The cost to cook 1 Kg. of TRISOJA® is U\$ 0,031

Cost of energy to cook 1 kg. of Rice

Because it is needed 483,33 kcal. to cook 1 kg. of Rice and the cost of 1 kcal. is U\$ 0,00026, the cost to cook 1 kg. of Rice is estimated as follows:



1kcal. _____ U\$S 0,00026
483,33kcal. _____ X_{A\$}

X_{A\$} = U\$S 0,13

The cost of cooking 1 Kg. of Rice is U\$S 0,13

Save energy value expressed in U\$S

If we calculate the different between the cooking cost of the Rice (U\$S 0,13) and the cooking cost of 1kg. of TRISOJA® (U\$S 0,031), we can obtain a save value expressed in U\$S:

U\$S 0,13 U\$S-0,031= U\$S 0,10

Save Energy Value = 0,10 U\$S/kg