

# Fuel Projection Worksheet

**Directions:** Use this worksheet to project how much of each fuel you may use during one week then multiply by 12 (3 month's period). Keep a record of your inventory in the "Amount on Hand" column.

▶ Consider that you may use two or more types of fuel for one meal. For example, you may use charcoal to bake the main dish while using sterno to heat a vegetable.

▶ Check the manufacturer's recommendations when calculating fuel for heating devices.

**Sterno** – Sterno canisters may last between 2-6 hours. If used conservatively, each may heat approximately 5-6 meals

Item	Used During <u>One Week's</u> Period	Amount Needed for 3 Months (family)	Amount On Hand
Sterno		(X12)	
		(X12)	

**Propane (LPG)** – The amount of propane used during a meal may vary greatly. This projection depends upon how much food you will be cooking, how many BTU's you need (cooking on low/medium/high), and how much cooking space you plan to use. As a rule of thumb, a 1 lb canister lasts approximately 3-4 hours when used at a medium to medium-high temperature level. Therefore, a 20lb tank may last 60+ hours for cooking. Check the manufacturer's recommendations for heating calculations.

Item	Used During <u>One Week's</u> Period	Amount Needed for 3 Months (family)	Amount On Hand
1 lb Propane canister		(X12)	
20 lb Propane tank		(X12)	
Propane for heating		(X12)	

**Charcoal** – By using a charcoal chimney to light the briquettes, you have greater control over the amount of charcoal to be used in a recipe. Be sure to calculate how much lighter fluid or newspaper you may need for starting the charcoal.

Item	Used During <u>One Week's</u> Period	Amount Needed for 3 Months (family)	Amount On Hand
Charcoal		(X12)	

**Wood** – Estimates for the amount of wood needed for a full year vary greatly and depend upon the climate and whether or not you will use it only for heating (winter) or heating and cooking (all year). The best estimates give a range of 3-6 cords per year.

Item	Used During <u>One Week's</u> Period	Amount Needed for 3 Months (family)	Amount On Hand
Wood		(X12)	

**Kerosene** – See manufacturer's recommendations for estimated fuel usage.

Item	Used During <u>One Week's</u> Period	Amount Needed for 3 Months (family)	Amount On Hand
Kerosene		(X12)	

**Gasoline** – See manufacturer's recommendations for estimated fuel usage.

Item	Used During <u>One Week's</u> Period	Amount Needed for 3 Months (family)	Amount On Hand
Gasoline		(X12)	