

Radiation Protection Levels

Single protection level amounts:

36 inches of wheat

24 inches of rice

18 inches of wood

12 inches of magazines, books or stacked newspaper

8 inches of loose gravel

4 inches of dirt, sand, water, or compacted gravel

3 inches of concrete, glass, or aluminum

1 inch of steel or iron

$\frac{3}{4}$ inch of lead (very expensive)

Some protection is better than no protection.

Every protection level cuts the radiation in half. So stack them up to cut the radiation level to acceptable levels.