

## WEIGHTS, MEASURES, AND CONVERSION FACTOR

### A. Weights and Measures

1 kilo (kg)	= 2.2046 pounds (lbs)
1 metric ton	= 2204.6 lbs
	= 22.046 cwt (hundred weight)
	= 1000 kilograms
1 lb	= 0.4536 kg
1 hectare	= 2.4710 acre
1 acre	= 0.40469 hectares
lb per acre x 1.121	= kg per hectare

### B. Rough Rice Factors

1 cwt (hundred weight)	= 100 lbs = 0.0453 metric tons = 2.22 bushels
1 bushel	= 0.45 cwt = 0.0204 metric tons
1 metric ton	= 48.992 bushel = 22.046 cwt
1 cwt rough rice	= 0.032659 metric ton milled rice
1 metric ton milled rice	= 30.6198 cwt rough rice

### C. Milling Rates ( from 100 lbs of rough rice, according to RMA)

Rough to brown	= 80 lbs
Rough to milled	= 70 lbs (Head rice=55 lbs, Broken rice=15 lbs)

## TYPES OF U.S. RICE

	Length-to-Width Ratio		
	<u>Long grain</u>	<u>Medium grain</u>	<u>Short grain</u>
Rough Rice	: 3.4 to 1 and more	: 2.3 – 3.3 to 1	: 2.2 to 1 and less
Brown Rice	: 3.1 to 1 and more	: 2.1 – 3.0 to 1	: 2.0 to 1 and less
Milled Rice	: 3.0 to 1 and more	: 2.0 – 2.9 to 1	: 1.9 to 1 and less