

APPENDIX II.

U.S. CUSTOMARY-SI CONVERSION FACTORS

To Convert	To	Multiply by
A. LENGTH		
inches (in.)	millimeters (mm)	25.40
inches (in.)	centimeters (cm)	2.540
inches (in.)	meters (m)	0.0254
feet (ft)	meters (m)	0.3048
yards (yd)	meters (m)	0.9144
miles	kilometers (km)	1.609
B. AREA		
square inches (sq in.)	square centimeters (cm ²)	6.45
square feet (sq ft)	square meters (m ²)	0.093
square yards (sq yd)	square meters (m ²)	0.836
acres (acre)	hectares (ha)	0.4047
square miles (sq miles)	square kilometers (km ²)	2.59
C. VOLUME		
cubic inches (cu in.)	cubic centimeters (cm ³)	16.39
cubic feet (cu ft)	cubic meters (m ³)	0.02832
cubic yards (cu yd)	cubic meters (m ³)	0.765
acre-feet (acre-ft)	cubic meters (m ³)	1233.5
gallons (gal)	liter (L)	3.79
D. WEIGHT AND YIELDS		
pounds (lb)	kilogram (kg)	0.4536
tons (ton)	megagram (Mg)	0.9072
pounds per acre (lb/acre)	kg per hectare (kg/ha)	1.121
E. VELOCITY		
feet per second (ft/sec)	meters per second (m/sec)	0.3048
mile per day (mile/day)	kilometers per day (km/day)	1.61