

# Helpful Conversions

## Weight

1 tonne = 2,204.622 lbs.

1 bushel

= 60 lbs. of Wheat & Soybeans

= 56 lbs. of Corn, Sorghum & Rye

## Yields

Wheat: bu/acre \* .06725 = tonnes per hectare

Corn, rye: bu/acre \* .06277 = tonnes per hectare

1 Tonne (metric ton)

= 36.7437 bushels of Wheat or Sorghum

= 39.3683 bushels of Corn, Sorghum, or Rye

## Area Measurement

1 acre = 43,560 ft<sup>2</sup> = .040694 [hectares?]

1 hectare = 2.4710 acres = 10,000 m<sup>2</sup>

640 acres = 1 square mile = 259 hectares

## Soybean Crush

1 bu of soybeans yields

11 lbs. of soybean oil

44 lbs. of 48% protein soybean meal

4 lbs. hulls

1 lb. waste

## Ethanol

1 bu of corn produces: about 2.8 gal ethanol & 18 lbs. dried distillers grains

1 tonne corn produces: about 110.2 gal ethanol & 661 lbs. dried distillers grains

## Biodiesel

1 bu soybeans produces about 1.5 gal of biodiesel

## Crude Oil

1 barrel = 42 US gallons = 0.136 tonne (approx.)

## Natural Gas

1 Decatherm = 10 Therms = 1 million Btu (MMBtu)

## Crack Spreads

2:1:1 Crack: 2 barrels Crude Oil vs. 1 barrel gasoline vs. 1 barrel Heating Oil

2:1:1 Crack (\$/bbl) = gasoline price (\$/gal) \* 21 + Heating oil price (\$/gal) \* 21 -

Crude Oil price (\$/bbl)

## Contract Sizes

Crude Oil, Brent: 1,000 bbl

Corn: 5,000 bu

Soybean Meal: 100 short tones

Wheat, Chi SRW: 5,000 bu

Natural Gas, UK: 1,000 therms/day

Soybeans: 5,000 bu

Soybean Oil: 60,000 lbs

## Monthly Symbols

F = January

G = February

H = March

J = April

K = May

M = June

N = July

Q = August

U = September

V = October

X = November

Z = December

