

## ASBC Approved Methods Brewers' Grains – 5 (1)

1. Wet brewers' grains – On sample after preliminary drying  
Calculate soluble extract of wet brewers' grains by the following formulas,

Soluble extract in wet brewers' grains, dry basis, %

$$= \frac{100P \times (1,600 + M_d)}{(100 - P) \times (100 - M_d)}$$

Soluble extract in wet brewers' grains, as-is basis, %

$$= \frac{E \times (100 - M_w)}{100}$$

### Soluble Extract – On Sample After Prelim. Drying

P = °Plato (g extract in 100 g wort)

M<sub>d</sub> = moisture in air-dried grains, %

M<sub>w</sub> = moisture in wet grains, %

#### Results

Soluble extract, dry-basis (E) %

Soluble extract, as-is basis

Soluble extract, dry basis, %

$$= \frac{100 \times [0.141 \times (1,600 + 14.7)]}{(100 - 0.141) \times (100 - 14.7)}$$
$$= 2.7$$

Soluble extract, as-is basis, %

$$= \frac{2.7 \times (100 - 84.7)}{100}$$
$$= 0.41$$