

**Conversions using Dry-Matter%**

$$\text{predicted a\%} = \frac{(\text{current a\%}) \times (\text{ending dry-matter\%})}{(\text{current dry-matter\%})}$$

**Example: current a% = 1.7%, current dry-matter% = 22.2%,  
desired ending dry-matter% = 90%**

$$(\text{predicted a\%}) = \frac{(1.7\%) \times (90\%)}{(22.2\%)} = 6.95\%$$

**Conversions using Moisture%**

$$(\text{predicted a\%}) = \frac{(\text{current a\%}) \times (100\% - \text{ending moisture\%})}{(100\% - \text{current moisture\%})}$$

**Example: current a% = 1.7%, current moisture% = 77.8%,  
desired ending moisture% = 10%**

$$(\text{predicted a\%}) = \frac{(1.7\%) \times (100\% - 10\%)}{(100\% - 77.8\%)} = 6.95\%$$