

$$F1 = 0 \text{ lbs}$$

$$F2 = \frac{34}{100} \times \frac{15}{X} \times = 44.117 \text{ lbs/A of } 34-0-0$$

C1 5.5mph @ 1200 RPM

$$F3 = \frac{34}{100} \times \frac{30}{X} \times = 88.235 \text{ lbs/A of } 34-0-0$$

C3

$$F4 = \frac{34}{100} \times \frac{45}{X} \times = 132.352 \text{ lbs/A of } 34-0-0$$

B4

$$F5 = \frac{34}{100} \times \frac{60}{X} \times = 176.471 \text{ lbs/A of } 34-0-0$$

B3

$$F6 = \frac{34}{100} \times \frac{75}{X} \times = 220.588 \text{ lbs/A of } 34-0-0$$

B2

$$F7 = \frac{34}{100} \times \frac{90}{X} \times = 264.705 \text{ lbs/A of } 34-0-0$$

B2

$$F8 = \frac{34}{100} \times \frac{110}{X} \times = 323.529 \text{ lbs/A of } 34-0-0$$

A4

$$F9 = \frac{34}{100} \times \frac{130}{X} \times = 382.352 \text{ lbs/A of } 34-0-0$$

A3