

ERRATA

Page No.

- 51 Table 2.1 1823 kg @ 11.00-24sl, 250 kPa should be **1454**
- 57 Table 2.6 Grain Harvesting Energy or Work should read **kW·hr/t [HP· hr/T]**
- 60 Prob. 2.9 line 9, delete “and 1.1m [43in] and 0.76m [30in] tire diameters since tractor rolling resistance is to be excluded.”
- Prob.2.9a replace ”firm soil” with “**tilled, settled soil**”
- 88 Col. 1 line 15: replace last entry 0.0221 with **0.022i**
line 16: replace last entry, 0.231 wit **0.023i**
- 207 Prob. 13.4 add to prob. statement: “**Apply page 51 adjustments for speeds**”
- 225 Col. 1 line 12 change H_2O_2 to H_2O
- 338 Prob. 1.6 add label to last line : **c.**
Prob. 1.7 answers should read:

$$\frac{6.67 \text{ km}}{\text{hr}} \approx \frac{20 \text{ bales}}{60 \text{ min}} \dots\dots\dots$$

$$\frac{4.125 \text{ miles}}{\text{hr}} \approx \frac{20 \text{ bales}}{60 \text{ min}} \dots\dots\dots \frac{43560 \text{ ft}}{1 \text{ acre}}$$
- 339 Prob. 1.7 line 1: delete “ ----not have to ----”
- 340 Prob. 1.10 line 3: Equation should read “**21 + X = 4X + 4**”
- 342 Prob. 2.9 lines 9 thru 12 should read as:
From Fig. 2.11: slip = 16.5%, DRAWBAR POWER/AXLEPOWER = 0.62
Drawbar power: $9.51 \times 4/3.6 = 10.56 \text{ kW}$ $2134 \times 2.5/375 = 14.22 \text{ HP}$
Axle power : $10.56/0.62 = 17.03 \text{ kW}$ $1422/0.62 = 22.9 \text{ Hp}$
PTOP: $(17.03/0.96) + 44.46 = 62.20 \text{ kW}$ $(22.9/0.960) + 58.08 = 81.97 \text{ HP}$
- 343 Prob.4.3 line 11: Change “Table 2.4” to **Table 2.5**
 Prob.4.3b Delete “ Custom rates are higher.”
 Prob. 4.4 line 9 answer should read **67H = 17355 + 15.5 H**
 line 10 answer should read **27H = 17355 + 6.32H**
- 344 Prob. 4.7 NEW, line 1: Remove word “fixed”
 Prob. 4.8 line 4: change last entry from “4652” to be “**4050**”
 Prob.4.9 line 4: should read as “**n³ + 125n² - 7269**”
 Prob. 5.1 NEW change [13 in.] to be [14 in.]
- 347 Prob. 10.1 line 2: change “cylinder” to “**wheat plants**”
- 348 Prob. 10.3 line 2: change “lost” to be “**saved**”
- 351 Prob. 12.5 NEW line 2: change “dry shelled corn” to be “**the fan**”