

Just How Fast are Farm Machines?

Rotary Lawn Mower
At 52 Cuts per second

5 Cuts in 0.1 second
10 Cuts in 0.2 second
15 Cuts in 0.3 second
20 Cuts in 0.4 second
26 Cuts in 0.5 second

Belt & Pulley
Travels at 66 feet per second

7 Feet in 0.1 second
13 Feet in 0.2 second
19 Feet in .03 second
26 Feet in 0.4 second
33 Feet in 0.5 second

Power Take-Off
At 540 RPM, pulls in 7 feet
per second

0.7 Foot in 0.1 second
1.4 Feet in 0.2 second
2.1 Feet in 0.3 second
2.8 Feet in 0.4 second
3.5 Feet in 0.5 second

Power Take-Off
At 1,000 RPM, pulls in 13 feet
per second

1.3 Feet in 0.1 second
2.6 Feet in 0.2 second
3.9 Feet in 0.3 second
5.2 Feet in .04 second
6.5 Feet in 0.5 second

Auger Entanglement
A 6-inch auger at 400 RPM
entangles at 10 feet per second

1 Feet in 0.1 second
2 Feet in 0.2 second
3 Feet in 0.3 second
4 Feet in 0.4 second
5 Feet in 0.5 second

Source: Florida Ag Safe



KANSAS FARM BUREAU[®]
The Voice of Agriculture[®]

www.kfb.org