

Florida Orchard

Orlando, FL – A large citrus grove in central Florida recently incorporated FreeWave Technologies' s-HY%o& E sL L%o) } } Y~B> , ~%YoY , ~%>%YH%, N>Y", ~, } , Y%>B", ~% sLHN ^} , E s-n , ..L^> , ~%pL%>B", ^%LHL%~LH", NY~B , ~s>} Y CLpBLB>L%L%L } "p>B~AL, ..L^>LHAY<

...B> , ~%o "pLpL>^", N>Y", } >LH, ^Bp>H"L%o~n~>H LCL~Y> s } ...L} L~> , ~s~pY~H'LH%oNBS^Y%o n, CL%L: >CL%L L L%o) } } Y~B> , ~ s-N>%YB^Y^L ~3Y..L^CS%o^B ~^, ~, N} Y ..L^ >Y", ~, } , Y%CLpBL%L^YsL%~ , AY%o) } } Y~B> , ~%L%L } B>..AL, N^L>Bps-n> ..>^%o , N"pL, ^Bp>H~L sA %>~H%BY^L %>~>%o s ~n data at high speeds. The system uses two types , N} L%oL%L ^NY~B , ~>s%Yo> ~L> } LH>> transmissions that are sent in pulses and empower "pL%L^CS%o^", >E>%ALs~B, ~^, ~, N"pL CLpBL^

when necessary; and large data transmissions, mainly N ^s } >nL%ap>...^, CLHLB ~"L^", "pL, ..L^> , ~H>> allowing the supervisor to quickly detect why the vehicle stopped working.

5, >BB } } , H>L~pL~E, HQL^L~"%.L%oNH>"> " >~%o s%o~%>HY> B } } Y~B> , ~%L%L } E >% } ...L} L~LH^s~pL~L%o ^Bp>H, ~L^>, E A>~HE \$"pAY"psnp a

)) ~L"E, ^y"p>^>~%oS% } >nL%o..L^> ~n , ~> } z | NL^YL~B% ^LL: >CL%o) } B } } Y~B> , ~%YoY , ~%B~ALHL..., %LH^s~"ps%o %o ~nE s"p>~s%o > , ~, N>^, EL^>^>A>%o %o , ~"p>^%o...^"%A, "p~pL) z |>~H } z | NL^YL~B%o ..L^> ~n, ~A, "pNL^YL~B%oHL> for an autonomous agricultural system – especially an orchard that contains large trees and excess foliage E s"p~pL... "L~ >^", H%Y...psnp %dLH~L"E, ^y%o } z |>~H>A, CL

Outcomes

~Y^L~" %~L%o~n, N"pL>Y", ~, } , Y%>B", ~ HL..., %} L~^s~B^Y%o^, CL%L%o ^ALS-n~L%LH Preliminary results indicate that the FreeWave M2M B } } Y~B> , ~%N>%YB^Y^L^ s-s-n~pL%oL ^L..L>L^~, EL^, N } NL" %% } B~^", B, CL~L>^ % "pL~L~ ^L^ >B^L^, CL } } > HL>H", ~L%p>CL

