

# RTK SAVINGS

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Created by PPN

## Pass-to-Pass Savings

- By investing in greater precision we can widen out our implement widths to the full width in almost all applications
- The Image below shows a 60' drill that would pick up 9" every pass from SF1 and 3" every pass from SF2
- These savings are for **ONE** application only
- The John Deere/PPN system can easily be moved to other vehicles for additional savings throughout the crop season

## Time Savings

- If we are able to widen out our implement with more precise guidance, then we will save inputs but also will save time
- The image to the bottom shows a typical seeding application
- Passes SAVED would be TWO for every section field
- Acres SAVED in this example would total 14.55
- Time SAVED in this operation would be 26 minutes

Acres	<input type="text" value="5000"/>	acres
Implement Width	<input type="text" value="60"/>	feet
Input Costs	<input type="text" value="200"/>	\$ per acre
Application Speed	<input type="text" value="4.5"/>	miles per hour

Single Application Pass to Pass Savings with RTK		Single Application (per 1 section) Time Savings with RTK	
Versus SF1	\$12,500.00	Passes Saved	2
Versus SF2	\$4,166.67	Acres Saved	14.55
		Time Saved	0 Hr 26 Min

## RTK Upgrade Return on Investment

- If we were to take this information and times it by 3 years of use and MINUS our upgrade costs and network subscription costs – see figure to the right
- This example shows a huge payback from SF1 and a slight payback for SF2. Keep in mind this does not calculate the repeatability savings that RTK allows

Three Year ROI	
Versus SF1:	\$18,500.00
Versus SF2:	\$1,000.01

These Figures Represent Potential RTK Payback. Calculate for your own operation at

[www.prairieprecision.com/payback.html](http://www.prairieprecision.com/payback.html)

## First Step to Precision Ag



- Along with savings, RTK is also a very good step that allows you to move into Precision Ag
- Inter-Row Seeding forces you to document your AB lines and you then start with Data Management
- Boundary Management is possible with RTK as these boundaries will not move year over year

With these increased accuracy benefits the Road to FULL Precision Ag Starts with RTK!!!

[www.prairieprecision.com](http://www.prairieprecision.com)