210 BALER

Improved Productivity & Profitability

	Traditional Baler (State of Art)	Marcrest 210 Baler High capacity	Marcrest 210 Baler High Density
Bales/hr	700	1000	850
Bale weight (kg)	20	20	32
Tonnes/hr	14	20	27
Additional Tonnes/hr		**43%**	**94%**
Baling Dollar Cost/Tonnes	0.071	0.050	0.037
Reduced Baling Cost/Tonnes		**30%**	**49%**

Reduced Labour Costs

	Traditional Baler (State of Art)	Marcrest 210 Baler High Capacity	Marcrest 210 Baler High Density bales
Bales/hr	700	1000	850
Bale wt. (kg)	20	20	32
Tonnes/hr	14	20	27
Dollar Cost/Tonnes	0.071	0.050	0.037
Reduced Labour Cost/Tonnes		**30%**	**49%**

Reduced Transportation Costs

	Traditional Baler (State of Art)	Marcrest 210 Baler High capacity	Marcrest 210 Baler High Density bales
Bales/Loads	714	714	714
Bale wt. (kg)	20	20	32
Payload (Tonnes)	14	14	23
Increased Payload		**0%**	**60%**
Dollar Cost/Tonnes	0.070	0.070	0.044
Reduced Cost/Tonnes		**0%**	**38%**

Lower Environmental Footprint

Reduced Fuel Usage per Tonnes of crop	Traditional Baler (State of Art)	Marcrest 210 Baler High capacity	Marcrest 210 Baler High Density
Dollar Cost/Tonnes	0.071	0.050	0.037
Fuel Usage reduction		**30%**	**49%**
Knotter Twine Cutoffs	2	0	0
Plastic Contamination Reduction		**100%**	**100%**

Reduced Twine Usage*	Traditional Baler (State of Art)	Marcrest 210 Baler High Density
Bale Height (m)	0.36	0.36
Bale Length (m)	0.81	0.81
Twine for knot (m)	0.25	0.25
Strands per bale	2	3
Twine per bale (m)	5.23	7.85
Bale wt. (kg)	20	32
Bales/Tonnes	50	31
Twine per tonnes (m)	262	245
Plastic use reduction		**6%**

**based on formula Gt=[(h+l)2+lk]xGsx1.01 for twine usage*