

# Managing sheep on auto-steer

- Basic Operations
- Advanced Operations
- Recommendations

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# Managing sheep on auto-steer

## Body Weighing

	Visual	EID's
Mob size	700	1750
Number / Hour	180	300
Labour Units	3	2
\$ per hour	\$ 16.00	\$ 16.00
Man hours	11.67	11.67
<b>Total Cost</b>	<b>\$ 186.67</b>	<b>\$ 186.67</b>
Cost per Weight	\$ 0.27	\$ 0.11
Percent of original cost	40%	



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## Other Data Recording & Uses

Esc to EXIT or Enter past the last field - Ctrl-D To add PW Data

ID 007374

	Col/S	Col/Y	Style/S	Style/Y	Grade	Rear	Scan
Hogget	3	3	2	2	1		
2 Years	3	3	2	2	1	*	2
3 Years	3	2	1	1	1	Rear	1
4 Years	*	2	*	1	1	Rear	1

	FD	Dev	GFW	GFW%	WT	WT%	WD3	Rank	Index	Rank
Hogget	18.5	-0.74	7.00	133.0	48.5	106.2	11.06	13 of 542	4.96	13 of 537
2 Years	16.8	-1.31	6.70	116.4			0 of 0		0 of 0	
3 Years							0 of 0		0 of 0	
4 Years							0 of 0		0 of 0	

207182 Comments ->Twisted Feet	<-7%DP = 113	14%SS = 122
307043 Comments ->	<-7%DP = 130	14%SS = 127
407781 Comments ->HBC-	<-7%DP = 135	14%SS = 132
507372 Comments ->	<-7%DP = 147	14%SS = 133
507373 Comments ->	<-7%DP = 128	14%SS = 109
607384 Comments ->Fly umbilical cord	<-7%DP = 166	14%SS = 145
607385 Comments ->Bold	<-7%DP = 131	14%SS = 134

Text to Speech, voice controlled data entry

- Walk Over Weighing, Selective Feeding
- Pedigree recording (Pedigree Match Maker)



# Managing sheep on auto-steer

## Pedigree Match Maker

- 189 Ewes
- 230 Lambs
- 2500 Tag reads per day



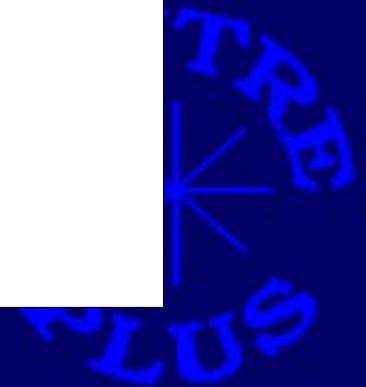
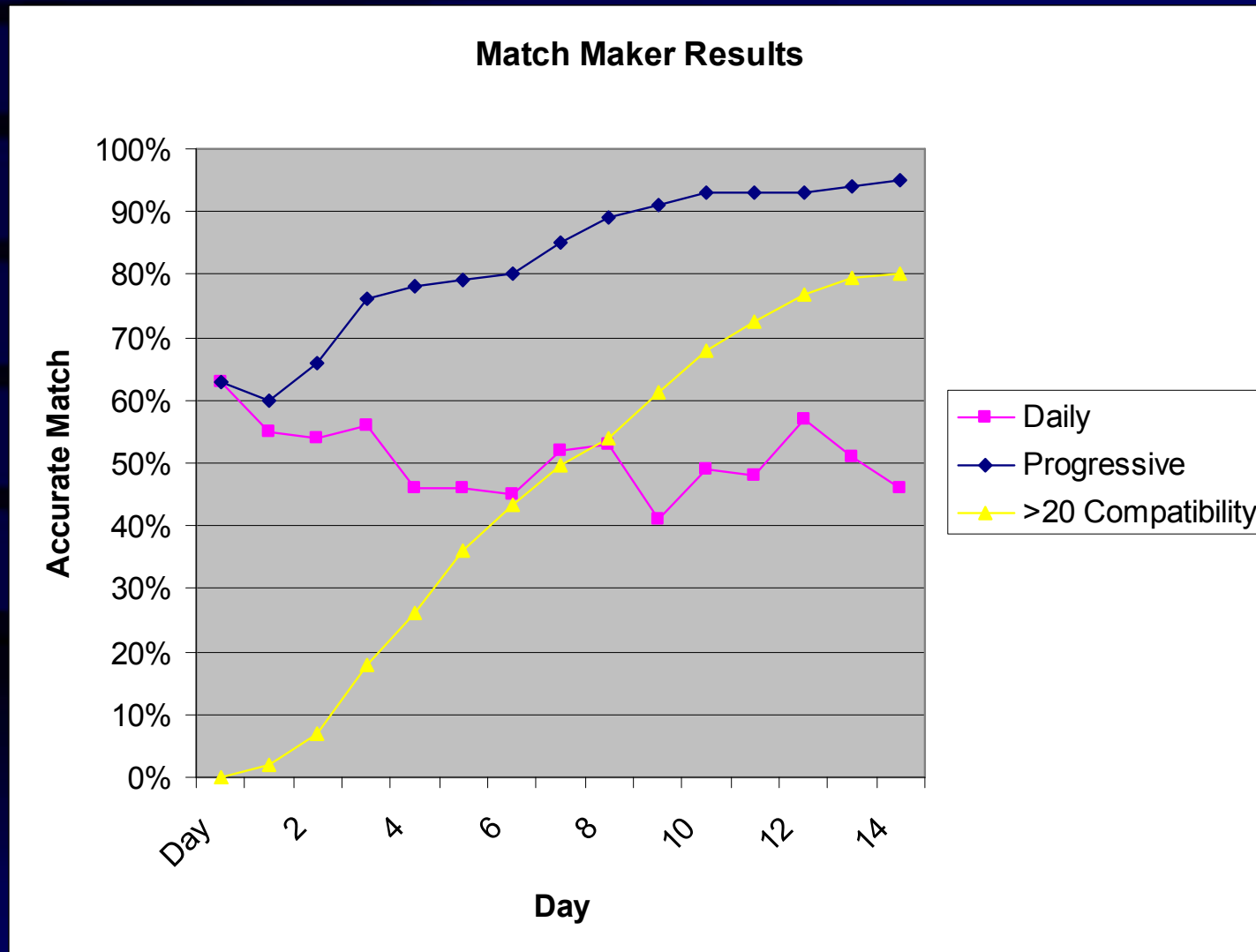
# Managing sheep on auto-steer

## Different Ewes that a lamb followed

Exit		EID		EWE		CHECK	COUNT	AUG POS	PERCENTAGE	AGE
		982	009102402033	982	009103213278	N	4	1.75	292.31	
982	0	982	009102402033	982	009103220724	N	2	1.50	121.21	33
982	0	982	009102402033	982	009103216653	N	2	1.00	109.52	30
982	0	982	009102402033	982	009103197581	N	2	1.50	97.56	25
982	0	982	009102402033	982	009103217732	N	1	1.00	94.44	27
982	0	982	009102402033	982	009103216886	N	1	2.00	69.70	22
982	0	982	009102402033	982	009103213655	N	1	2.00	85.00	20
982	0	982	009102402033	982	009103212468	Y	1	2.00	44.19	18
982	0	982	009102402033	982	009103211671	N	1	2.00	50.00	16
982	0	982	009102402033	982	009103199007	N	1	2.00	58.33	19
982	0	982	009102402033	982	009103197193	N	1	2.00	72.97	18
982	0	982	009102402033	982	009103196487	N	1	1.00	68.57	16
982	0	982	009102402033	982	009103192954	N	1	2.00	53.33	16
982	0	982	009102402033	982	009103191881	N	1	1.00	41.67	18
982	0	982	009102402033	982	009103191035	N	1	1.00	65.12	30
982	0	982	009102402033	982	009102404487	N	1	1.00	75.86	17
982	0	982	009102402033	982	009102403739	N	1	1.00	37.50	30
982	0	982	009102402033	982	009102402911	N	1	2.00	75.00	17
982	0	982	009102402033	982	009102399964	N	1	2.00	70.00	19
982	0	982	009102402033	982	009102399686	N	1	2.00	42.42	17
982	0	982	009102402033	982	009102398047	N	1	2.00	57.14	18
982	0	982	009102402033	982	009102381434	N	1	2.00	33.33	38
982	0	982	009102402033	982	009102379701	N	1	1.00	24.39	
		982	009102402033	982	009102015217	N	1	2.00	44.90	
		982	009102402033	982	009102013006	N	1	1.00	60.87	
		982	009102402033	982	009102010829	N	1	1.00	83.33	



# Managing sheep on auto-steer



# Managing sheep on auto-steer ASBV's on commercial Farms

- One Link Sire (with ASBV's)
- Syndicate mate (Team of Sires with ASBV's)
- 80% Dam Pedigree
  1. Sire and Dam Pedigree.
  2. Birth Type and Rear Type.
  3. Dam age.



# Managing sheep on auto-steer

## Cost Savings

- DNA Pedigree, 90% to 95%, about \$25
- Catch and Tag, 90% to 95%, about \$12
  
- Pedigree Match Maker, 80% of Dams
  - Setup cost \$6500
  - Ongoing costs \$3 to \$4
  
- Break even Point
  - 866 pedigrees Catch and Tag
  - 302 pedigrees DNA



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## Recommendations

- New technology, (No skill base)
- Lots of Data (computer skills)
- Good Service (some one to ring when things go wrong)
  - More important the hard wear
- When working properly, you want go Back

