



AutoSort – A practical perspective

Nigel Woolfenden BVSc MRCVS



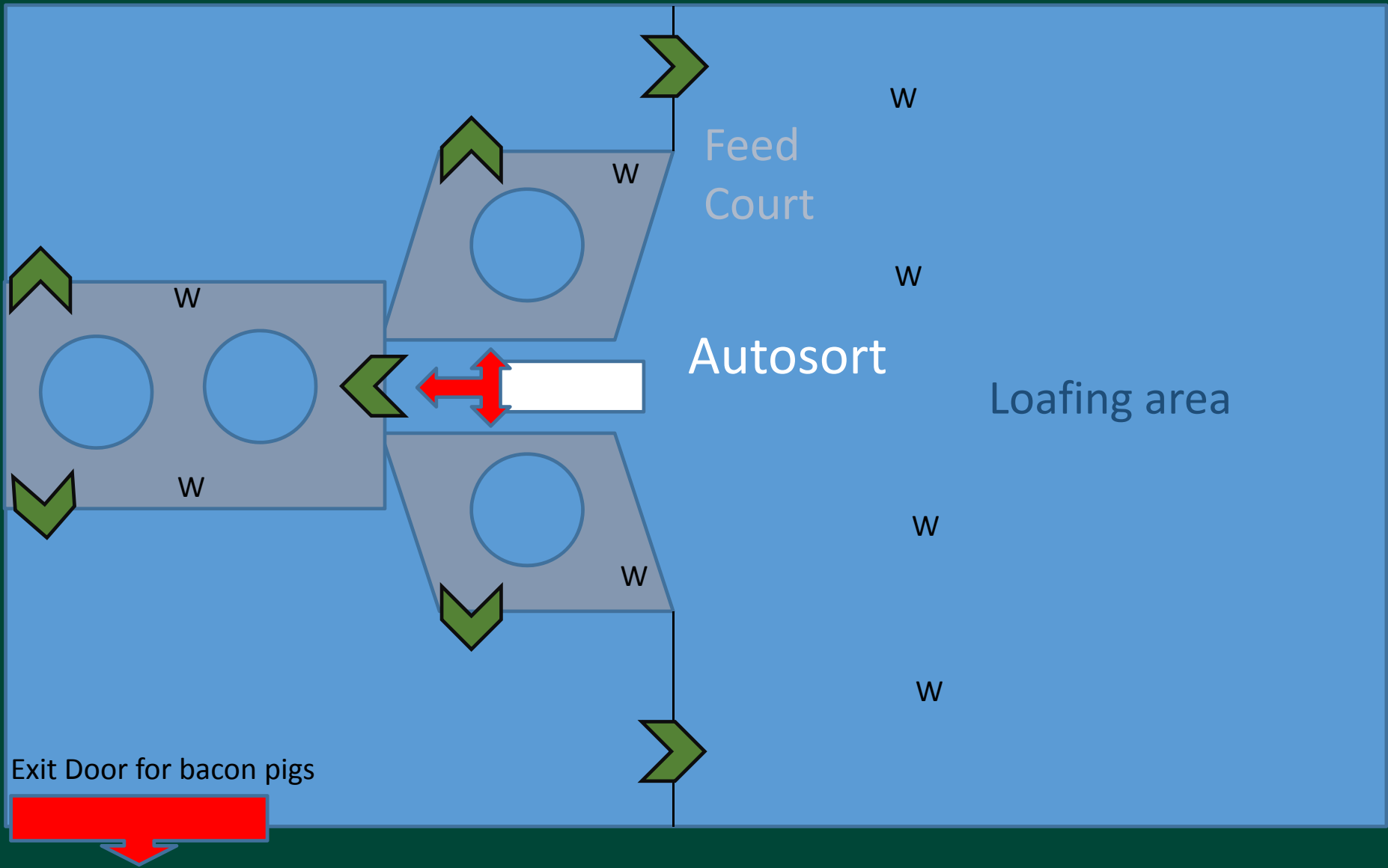
Automatic weighing of finishers.....What?

Been in operation since 2001 – now fifteen years of refinement
Many thousands of finisher spaces in operation in USA and Canada

A fixed weigh crate with automatically operated back gates, front gates and a 2 or 3 way shedding gate
PLUS pigs trained to pass through it

Allows pigs to be weighed and shed in different directions
dependant on their weight







Automatic weighing.....Why?

Increased margin

- Optimises carcase weight/ marketing accuracy
- On going real-time recording of average growth rates
- Better feeding accuracy
- Optimises space per finished pig
- Larger group sizes dilute aggressive encounters
- Less labour for loading
- Big pens=Fewer pen divisions = faster washing

Automatic weighing.....Pros and cons?

Training of the pigs
Moving of gates
Maintenance of system
Walking the pens checking pigs
Individual treatments
Removal of hospital pigs/ deaths
Slapmarking

No weighing
Low stress loading
Feed saving
Improved space use
Humanised pigs
Better recognition of illness
Slapmarking

More precision – More control

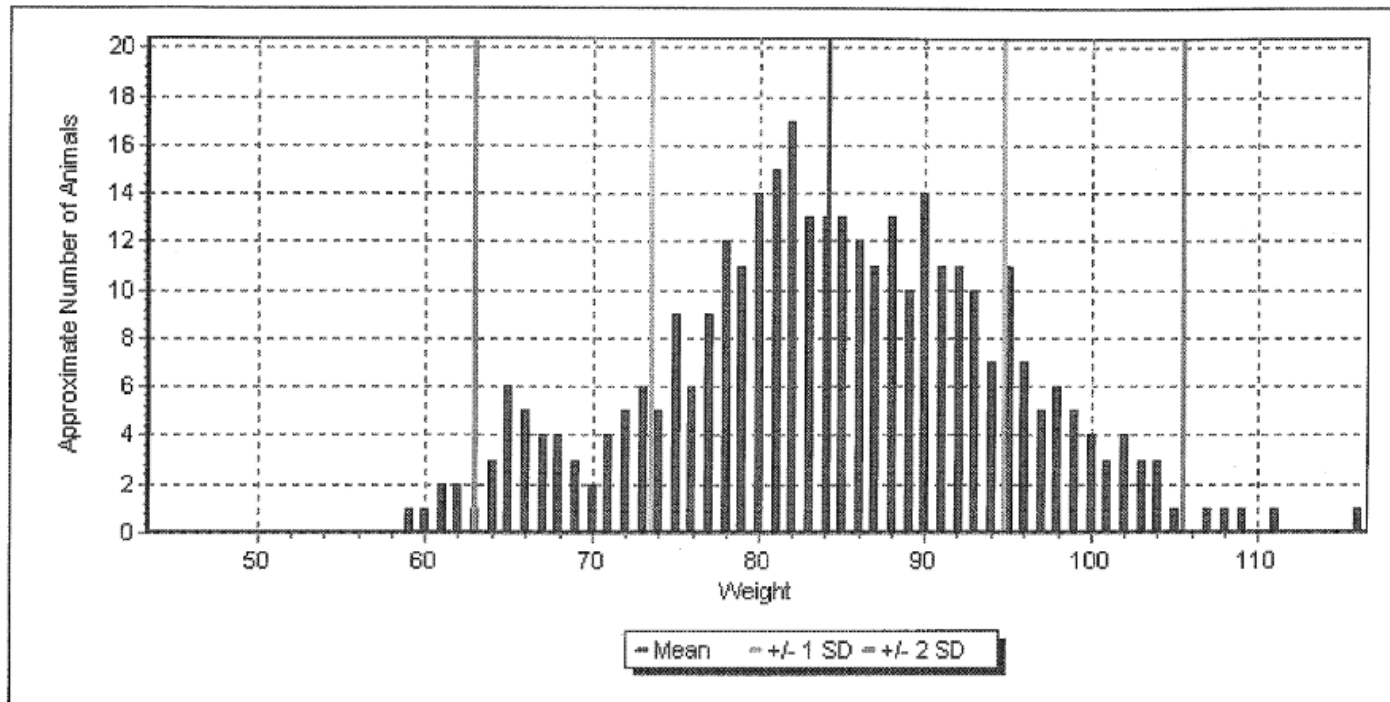
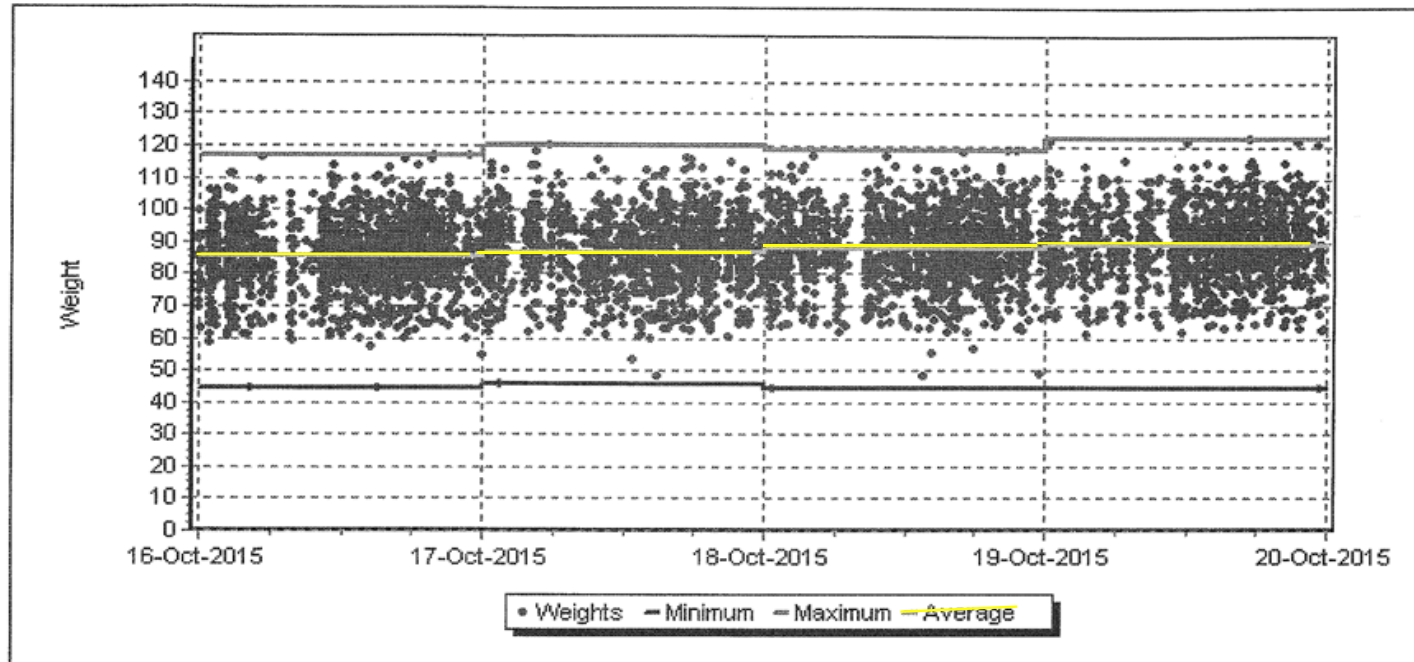


Chart Summary

Total Hits:	1162
Herd Size:	345
Hits Per Animal:	3.7
Minimum Weight:	44.1
Maximum Weight:	116.1
Average Weight:	84.2
Standard Deviation:	10.6

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Date	Total Hits	Herd Size	Hits per Animal	Total Weight	Minimum Weight	Maximum Weight	Average Weight	Standard Deviation	Average Daily Gain
16-Oct-2015	1506	345	4.4	128492.2	44.4	117.0	85.3	10.3	1.11
17-Oct-2015	1335	345	3.9	115499.5	45.6	120.3	86.5	10.7	1.20
18-Oct-2015	1349	345	3.9	118558.5	44.4	118.8	87.9	10.8	1.37
19-Oct-2015	1309	345	3.8	116458.4	44.5	122.3	89.0	10.8	1.08
Summary	5499	--	--	--	44.4	122.3	87.2	--	1.22

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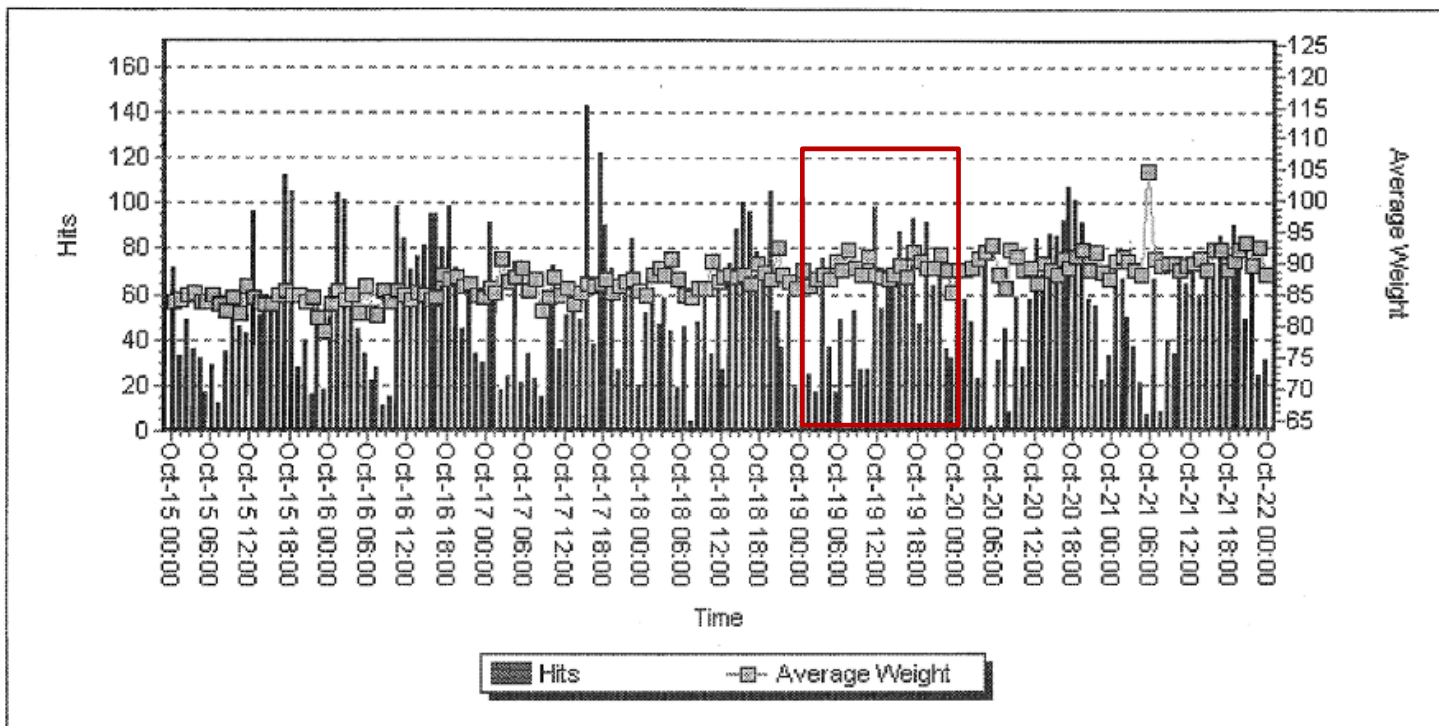


Chart Summary

Total Hits: 9365
Most Active Hour: 17-Oct-2015 15:00 to 16:00 (143.0 hits)
Least Active Hour: 19-Oct-2015 07:00 to 08:00 (1.0 hits)

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Take home messages..... For everyone

Pigs learn fast, and are adaptable

Large groups have no hierarchy, and don't fight unnecessarily

If a pig cannot eat when it wants, it won't replace the meal