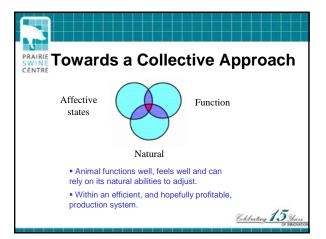
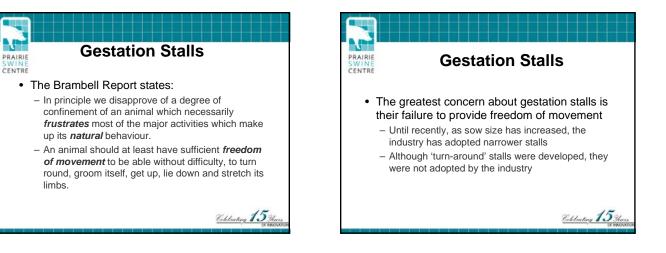
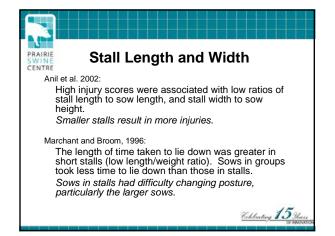
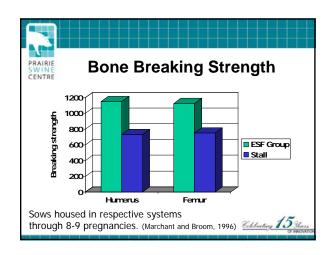


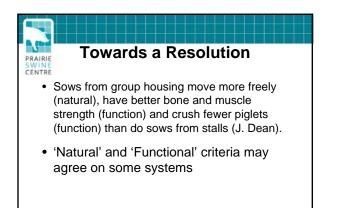
PRAIRIE SWINE CENTRE	Natural
	latural selection has resulted in animals that are est able to cope with natural conditions.
• F	it the farm to the animal, not the animal to the farm.
-	<ul> <li>In the wild, a solitary boar joins a group of females which soon cycle in response to his presence.</li> <li>The boar effect used in commercial mating.</li> </ul>
	<ul> <li>Pigs have an innate drive to be familiar with their environment, and as such discover food sources and shelter.</li> <li>Pigs housed in large groups will visit most feeders every day, rather than using only the nearest one.</li> </ul>
	Celebrating <u>15</u> Teass Concentration



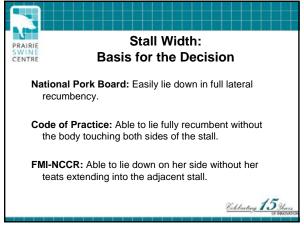


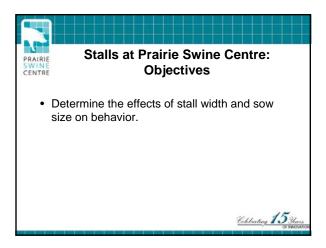


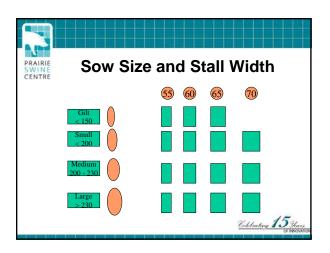


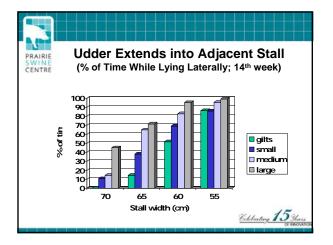


Celebrating 153

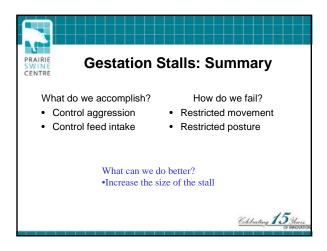




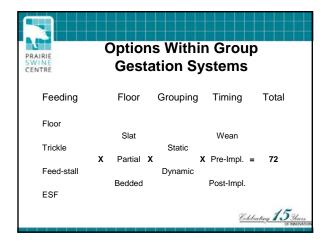


















## Static vs Dynamic Groups In static groups, all sows enter on the

- In static groups, an sows enter on the same day and remain until removed for farrowing (or rebreeding). There is only one day of aggression.
- In dynamic groups, small groups are added at different times. Each new addition results in another day of aggression.

Celebrating 153

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Consecutive vs Staggered
Dynamic Groups

• Consecutive • Staggered

A B C D A E IM

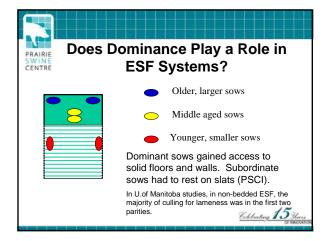
E F G H BF JN

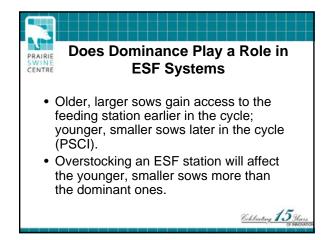
I J K L C G K O

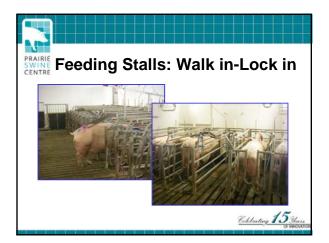
M N O P D H L P
```

PRAIRIE SWINE CENTRE When to	o mix	: Pre	vs Pos	t Imp	lantatic	on
Fa	rrowi	ng Ra	ate (%,	5 сус	les)	
		Pre	-implant	Pos	t-implant	
	Stalls	Static	Dynamic	Static	Dynamic	
1 <sup>st</sup> parity	84.7	81.7	85.6	87.6	86.7	
2 <sup>nd</sup> parity	83.8	81.4	81.7	80.0	89.2	
Mature sows	87.8	83.7	79.5	86.1	88.3	
Adjusted	86.0	82.6	81.6	85.1	88.1	
				2	Celebrating 15	Thans Version

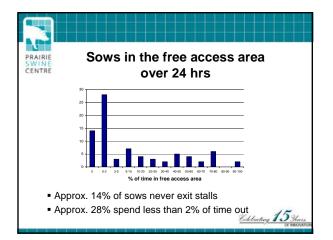
PRAIRIE SWINE CENTRE	Piglet	:s/100	Sows	Bred	(5 cycles)
		Pre	-implant	Pos	t-implant
	Stalls	Static	Dynamic	Static	Dynamic
1 <sup>st</sup> parity	898	874	865	929	910
2 <sup>nd</sup> parity	922	879	956	896	1008
Mature sows	948	898	890	982	980
Adjusted	928	886	899	947	968
					Celebrating 15 Thans



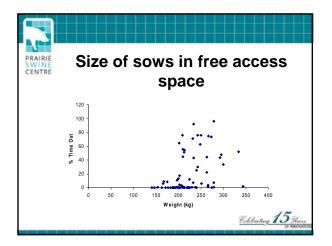


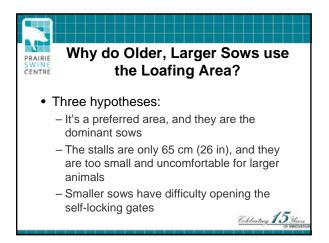




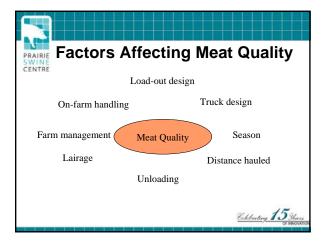


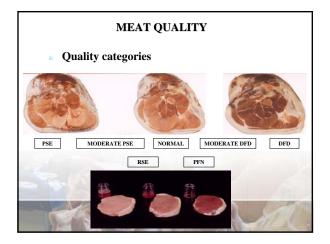




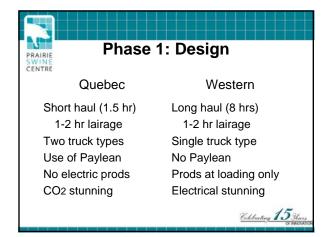


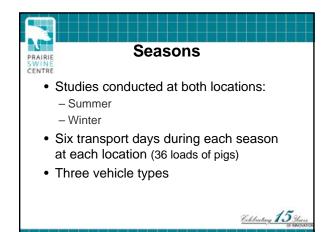




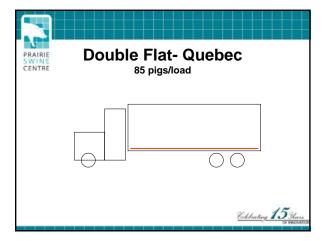


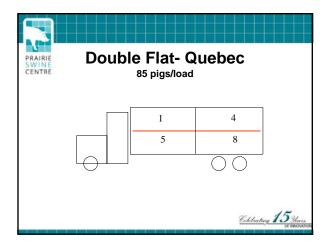
PRAIRIE Meat Qua	lity Duriı	ng Study
CENTRE	Loin	Ham
Normal	63.5%	74.5%
PSE	28.0%	18.0%
DFD	6.5%	8.0%
Approx. 35% of loin an 'normal' range	d 25% of ham s	scored outside of
		Celebrating <u>15</u> Thans

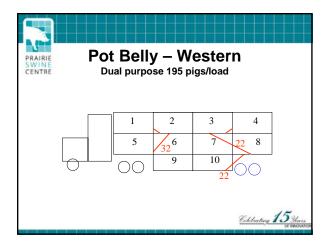


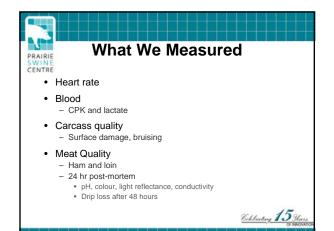


PRAIRIE		Po	t Belly	y — Q pigs/load		C	
	0		1 5	2 6 9	3 7 10	4	)
						<u>Celebrating</u>	<u>15</u> 3kars Ci <b>bel</b> Civerco

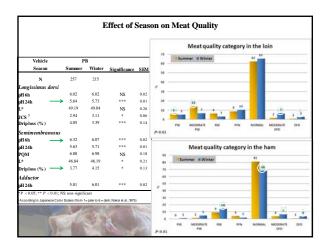


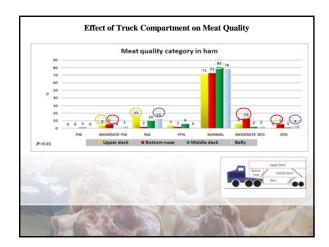


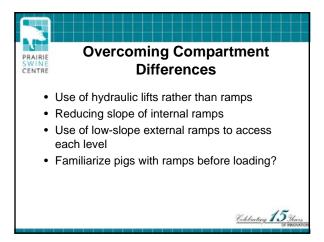


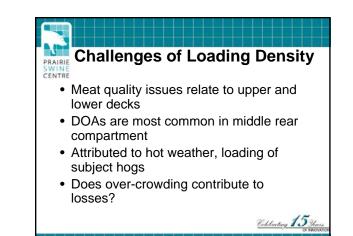












PRAIRIE Sources	of Ove	er-Cr	owd	ling
CENTRE				
	Area	Pigs	Area	Area
			/pig	/100kg
Standard density				
(.36m/100kg)	12.5 sqm	31	.396	.360
Increase to balance	12.5	33	.379	.344
Increase to 120 kg	12.5	33	.379	.316
Increase to 130 kg	12.5	33	.379	.292
Reduce in hot weather	12.5	30	.417	.321
Adjust load size fo	r pig weight a	and load	truck ur	niformiy.
			8	chebrating 15 Than

