

# Performance Research

Crystal Spring® Wet/Dry Wean-to-Finish and  
Water-Space™ Feeders



**CRYSTAL  
SPRING**

HOG EQUIPMENT

Research conducted by  
Gro Master, Inc.  
[gromaster.com](http://gromaster.com)

# Crystal Spring® Adjustable Shelf Feeder Comparison

## SOUTHWEST MINNESOTA PRODUCER

Preliminary data from two turns of nursery pigs at a research farm in Minnesota. Pigs were weaned at 15 days and started eating wet/dry feed during the first week after weaning.

### First Group Results

	Start Weight (lbs)	Interim Weight (lbs)	Total Gain (lbs)	Crystal Spring® Advantage
Dry Feeder	12	66	54	
Crystal Spring® Adjustable Shelf Feeder	12	74	62	8 lbs

### Second Group Results

	Start Weight (lbs)	Interim Weight (lbs)	Total Gain (lbs)	Crystal Spring® Advantage
Dry Feeder	12	32	20	
Crystal Spring® Adjustable Shelf Feeder	12	39	27	8 lbs

\* 2nd group was afflicted with PRRS the week after placement

### Conditions

Pigs per pen	40
Weaning age	15 days
Starting wt.	12 lbs.

Gro Master is committed to helping producers feed pigs in a way that uses the natural feeding behavior of the pig to maximize profit for the producer. We will be conducting ongoing research with young weaned pigs on wet/dry feed.

## UPPER MIDWEST PRODUCER

Study conducted from February-April, 2010

	Crystal Spring® Adjustable Shelf Feeder	Dry Feeder	Crystal Spring® Advantage
Number of Pens	4	2	
Number of Pigs/Pen	29	29	
Number of Pigs Placed	116	58	
Number of Pigs Sold	104	54	
Average Starting Weight (lbs)	10.30	10.60	-0.03
Average Sale Weight (lbs)	38.70	28.70	10.00
Average Gain (lbs)	28.40	18.10	<b>10.30</b>

Average age 20.1 days

# Water-Space™ Nursery Feeder Comparison

## UPPER MIDWEST PRODUCER

	Crystal Spring® Water-Space™ Nursery Feeder	Dry Feeder	Crystal Spring® Advantage
Number of Pens	8	8	
Number of Pigs/Pen	58	58	
Number of Pigs Placed	464	464	
Number of Pigs Sold	462	460	2.00
Average Starting Weight (lbs)	16.08	16.05	0.03
Average Sale Weight (lbs)	65.90	62.51	3.39
Average Gain (lbs)	49.82	46.46	3.36
Average Pig Days	51.75	50.74	0.01
Average Daily Gain (lbs)	0.97	0.90	0.07
Average Feed/Pig (lbs)	77.82	80.20	-2.38
Feed/Gain	1.57	1.73	-0.16

# Water-Space™ Wean-Finish Feeder Comparison

## NEW HORIZON NURSERY FARM

Study conducted from July 29-October 6, 2010

	REPLICATION 1		REPLICATION 2		TOTALS		Crystal Spring® Advantage
	Crystal Spring® Water-Space™ Feeder	Dry Feeder	Crystal Spring® Water-Space™ Feeder	Dry Feeder	Crystal Spring® Water-Space™ Feeder	Dry Feeder	
Number of Pens	8	11	15	4	23	15	
Number of Pigs/Pen	56	56	56	56	56	56	
Number of Pigs Placed	448	616	840	224	1288	840	448
Number of Pigs Sold	433	584	787	210	1220	794	426
Mortality (%)	3.3	5.2	6.3	6.3	5.3	5.5	.02
Average Starting Weight (lbs)	13.7	13.5	13.6	13.5	13.6	13.5	.01
Average Sale Weight (lbs)	84.7	80.9	90.9	84.4	88.7	81.8	6.9
Average Gain (lbs)	70.5	66.7	76.3	69.9	75.1	68.3	6.8
Adjusted Gain equal DOF (lbs)					75.1	69.1	<b>6.0</b>
Average Number of Pig Days	63	63	65	65	64.3	63.5	.08
Average Daily Gain (lbs)	1.12	1.06	1.17	1.08	1.16	1.06	.10

Extra 6 lbs per pig!





# THANK YOU

If you have any question, please contact us:

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