



World Wide Sires – By the Numbers

The numbers are in, and the April 2009 genetic evaluations prove that World Wide Sires (WWS) is the top source of elite genetics available in the global market. Featuring breed leaders for type, production and management traits, the WWS line-up offers bulls that fit any production system and can help meet any breeding goals. While other organizations may talk about their elite genetics and breed leaders, perhaps the best way for WWS to summarize our global success is to look at the numbers.

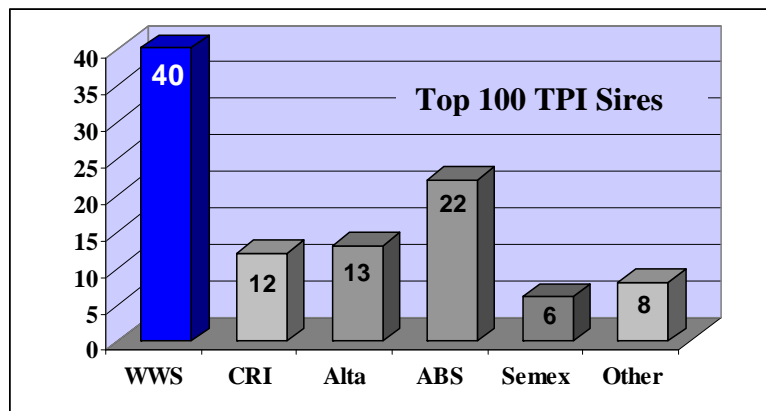
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World Wide Sires leads the industry with more elite sires, in more areas, than any other AI organization. WWS bulls top 10 of the key industry lists, with the number one bulls for:

- **#1 Type:** Sanchez
- **#1 Milk:** Marion
- **#1 US TPI:** Planet
- **#1 Udder Composite:** Blue-Haven
- **#1 Net Merit:** Man-O-Man
- **#1 Red or *RC TPI:** Lion King *RC
- **#1 PTA Protein:** Man-O-Man
- **#1 Daughter Pregnancy Rate:** Paxton
- **#1 Sire Calving Ease:** O Man
- **#1 Sire for Rear Udders:** Sanchez

15

The April 2009 TPI list is dominated by WWS, as 15 of the top 25 bulls are marketed through World Wide Sires. 40% of the top 100 TPI sires are WWS bulls.





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Lifetime Net Merit \$ is an index that is designed to rank bulls based on their expected lifetime productivity. WWS markets the top 3 sires in the breed for this index, and 19 of the top 50!

1. Man-O-Man +779
2. Planet +773
3. O Man +773

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World Wide Sires bulls have long been recognized for siring cows that milk well from exceptional udders. The 5 top bulls in the breed for Udder Composite are WWS bulls. These elite type sires are:

1. Blue-Haven +3.62
2. Muffin +3.62
3. Monument +3.61
4. Eveready +3.60
5. Pontiac +3.58

In addition to these elite sires, World Wide Sires also markets semen from 10 other bulls that are +3.00 UDC or higher.

3

It's not just siring super udders that WWS bulls are known for. WWS has been the home of some of the top overall type bulls in the breed, and today 3 of the top 4 Type bulls in the breed are from WWS, including the elite sire that tops the list:

1. Sanchez +4.32
3. England +3.97
4. Damion +3.96

11

In addition to having the top 5 udder bulls in the breed, and 3 of the top 4 type bulls, World Wide Sires offers semen from 23 bulls that are +3.00 PTAT or above. That is 11 more than our nearest competitor!

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For the producers that market their milk for cheesemaking and rely heavily on milk components for profitability, WWS markets the top two sires for PTA Protein:

1. Man-O-Man +89
2. Planet +85

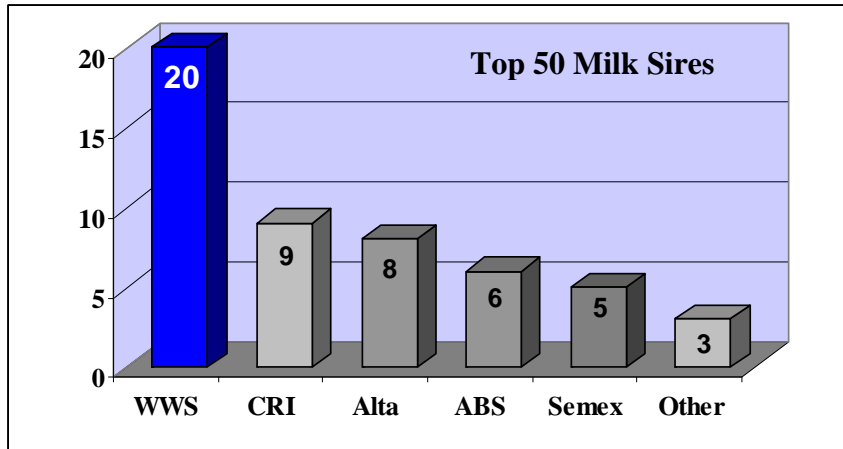
WWS also offers semen from 6 bulls that are +.10 or higher for Protein %. These component specialists are:

- | | |
|------------------|------------------|
| ▪ Fortune .14% | ▪ Arrow-Red .10% |
| ▪ Man-O-Man .11% | ▪ CF Crest .10% |
| ▪ Butch .11% | ▪ Man .10% |



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While some producers are paid for their milk based on solids content, others market their milk in fluid volume markets. For the producers who are looking to increase milk production, and profitability, WWS markets the top bull in the breed for milk, and 6 of the top 11.



Top Milk Sires	
1.	Marion
3.	Planet
4.	River
7.	Spartacus
10.	Lion King
11.	Dotson

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No matter what the production system or breeding goals, milk quality is a high priority for all dairymen around the world. WWS again leads the way in this area, with 20 bulls below 2.65 SCS. That is more than double the next competitor (ABS and CRI each have 7). The WWS leaders for this trait are:

- Morgan 2.45
- Logan Iron 2.52
- Onyx 2.52
- Mendev 2.53
- Plus 2.57
- Sensation 2.58

20

Fertility is a hot-button issue in the dairy industry around the world, and WWS leads the way for Daughter Pregnancy Rate with the top bull in the breed and 20 of the top 50.

