

Summary and Direction

What Have I Heard?

Whole Genome Selection
Discussed further this afternoon.

Dorian Garrick: Transforming technology!

Keep in prospective.
January of 2008
Does it even work?

What Have I Heard?

Information Channels and Information
Sharing.

Rich reservoirs of data.

In the U.S. disconnected segments,
We need to work on this and we have a
preliminary plan to pilot some studies on
this.

What Have I Heard?

Integration of DNA information and
pedigree and phenotypic information

Dorian Garrick: several options of merger.

In the middle of all the options was PEOPLE
with the technical know how.
R&D

What Have I Heard?

Kent warned that the pool of those
people is shrinking!

This demand us maximizing our resource of
time and energy.

What Have I Heard?

Integration of DNA information and
pedigree and phenotypic information

Steve Kachman: Prototype analysis with the
Angus CMP data and MBVs from three
companies.

What Have I Heard?

Model	Phenotypic	Full
Sire	.30	.33
Progeny	.21	.30

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What Have I Heard?

Lots of collaboration
However.....
Some signs of regression.

What Have I Heard?

BIF internal study of the
organization.
CBBC Risk Assessment.
Excellent activities!!!

What Have I Heard?

Large well phenotyped
populations!!!!

ERTs

Direction?

Small steps
towards
.....someday.

Direction?

First: December 8 through 10
Genetic Prediction Workshop
Details of much discussed here BIF

Direction?

BIF Guidelines being revised
An opportunity to define some steps.

Direction?

Projects:
Whole Genome Selection projects
Numerous animals, numerous traits
The much needed populations!
Numerous challenges

Direction?

Funds now invested in technical people to address methodology.
MBVs
Integration

Direction?

Need discussion on databases.
Centralization?

Direction?

Moving “service” of GE to industry.
Means developing the structure to support the programs being used.

Direction?

Increasing activities in research collaborations.

Validation example.

Direction Longer Term

I think on of the most threatening statement I heard this meeting was DNA technology (WGS) has the potential to alter perturb the industry in a very significant way.

I think this uncertainty perturbed some people!

Direction Longer Term

We have a choice in this transition period:

React
Or
Plan