

Sale of Signet Recorded Welsh Mountain Rams,

held in conjunction with the Innovis Open Ram
Sale

Thursday 17th September 2015

Peithyll, Capel Dewi, Aberystwyth, SY23 3HU

Viewing from 11am. Sale begins at 12 noon.

To register a buyers number before the day of sale, please contact
Innovis: 01970 828236



Grŵp Bridio Defaid Mynydd Cymreig

*Cyflwyno'r eneteg orau i ddiwydiant
defaid ucheldir Cymru*

Welsh Mountain Breeding Group

*Delivering superior genetics to
the Welsh hill sheep industry*

For the third year running, the Innovis Open Sale will incorporate high index Signet recorded rams from the Welsh Mountain Breeding Group. These tups are establishing a reputation for quality and performance; all those offered for sale will have figures placing them in the top third of the breed with several falling within the top 5% or even higher.

In what is possibly the biggest collaborative breeding project of its kind in Wales, Welsh Mountain sheep producers from different parts of the country have joined forces to raise the commercial standard of the regional types of hill sheep. The aim is to supply purebred, high index rams that will:

- produce earlier finishing lambs
- improve carcass weights and grades
- breed flock replacements with exceptional maternal ability

The tups offered for sale are all assessed using the Welsh Index which identifies hill sheep with superior breeding potential for maternal ability, lamb growth and carcass quality. The index encompasses two breeding targets, which are weighted equally:

- Maternal Ability - assessed through the performance of a ewe's lambs up to 8 weeks of age.
- The lamb's own potential for growth and carcass composition - determined by scan measurements of fat and muscle depth, together with weight at scanning (20 weeks of age).

Reserve price bands in 2015 for Performance Recorded Welsh Mountain rams are as follows:

Improved Welsh Type

- Category A (top 5%) £700
- Category B (top 10%) £600
- Category C (top 33%) £500

Hill Type

- Category 1 (top 5%) £450
- Category 2 (top 10%) £350
- Category 3 (top 33%) £250

Warranty - Vendors will endeavour to replace or provide a refund for any ram found to be infertile or in any way unfit for purpose within 10 weeks of the date of sale. Any claim under this warranty must be accompanied by a veterinary certificate stating that the problem was likely to have been present at the time of purchase.

2015 Vendors:

Edward Williams - Edd Williams of Upper Wenallt, Talybont-on-Usk has been recording Welsh Mountain sheep since 2010. The ground at Wenallt ranges from 750 ft to 1200 ft on the red sandstone of the Brecon Beacons. His sheep can be described as a Talybont Welsh type with a little colour.

Garry Williams - The flock at Blaencennen is one of the original performance recording flocks that have been recording since 1997. Gary has a nucleus of 200 recorded ewes on a hill farm that is 850 ft on the farmyard, rising to 1100ft.

S & R Lloyd Williams - The Lloyd-Williams family at Moelgolomen farm have been performance recording hardy hill flock Welsh Mountain sheep since 1995. They run 830 ewes, all of which are performance recorded. The farm runs from 600 to 1500 feet above sea level, and much of the land is classified as Severely Disadvantaged. Approximately half the land is rough grazing and half is improved. The farm has full organic status since 1999.

TC & AJ Tyne - Farming at Tyn'y Mynydd i since 1998 the closed flock of approx 200 breeding ewes has been fully performance recorded since 2007. Since then the average index of the flock has more than doubled. Land runs up to 850 ft and although it is not high altitude, the land is mostly exposed, unimproved hill and old quarry workings. It's an environment in which the sheep are expected to work hard.

JT Jones - The Llwyngwern flock of hardy Welsh Mountain has been performance recorded since the early 1990s. The main selection criteria within the flock are maternal ability, 8 week weights, and muscle depths. Because the farm is in a high rainfall area, they also select for a certain amount of fat cover. Lambing is April and the aim is to sell all lambs straight off grass. The farm itself ranges from 850 to 2000 feet of which over two thirds is mountain and unimproved 'ffridd'.

What do all the numbers mean?

The EBVs for Carcase traits will tell you how well a ram's offspring will grow and grade

The EBVs for Ewe Traits tell you how well a Ram's daughters will perform

Welsh Mountain		Carcase traits			Ewe traits			Welsh Index	Grade
LOT	Ram	8 week weight	Scan weight	Muscle depth	Fat depth	Litter size	Matern. ability	Mature size	
Breed Average		0.5	1.1	0.5	-0.1	0.00	0.3	1.7	144
Improved Type									
549	741710:01307	1.7	3.9	1.9	0.4	-0.04	0.8	5.4	A
550	741710:01300	1.7	3.2	1.5	-0.1	0.03	0.2	5.4	B
551	741710:01330	0.8	1.6	0.9	-0.4	-0.03	0.1	2.8	C
552	741710:01378	1.1	1.8	0.8	-0.5	0.02	0.2	3.3	C
553	741710:01386	0.8	1.5	1.2	-0.2	0.02	0.3	3.3	C
554	703116:00504	2.2	5.1	2.3	0.4	-0.01	1.0	7.5	A
555	703116:00524	1.3	2.9	2.2	0.3	-0.01	0.5	5.0	A

8 Week Weight - The breeding potential for lamb growth rates from birth to 8 weeks of age

Scan Weight - The potential for lamb growth rates to 21 weeks of age. The selection of stock with high scan weight EBVs will result in lambs with heavier carcasses.

Muscle Depth - Choosing animals with high muscle depth EBVs will increase lamb muscularity and lean meat yield

Fat Depth - Negative values indicate animals with lower fat content to produce leaner carcasses.

Litter Size - Selection for high EBVs will increase the prolificacy of female replacements

Maternal Ability - This is the maternal component of the 8 week weight figure. The higher this figure, the better a ram's daughters will perform as mothers (milkiness)

Mature Size - Choosing animals with high figures for this trait will increase mature size.

Index - Highlights superior breeding stock for a specific breeding objective.

Welsh Mountain

LOT Ram

Carcass traits

8 week weight Scan weight Muscle depth Fat depth

Ewe traits

Litter size Matern. ability Mature size

Welsh Index

Grade

Vendor

2014 Signet Breed Average EBVs

0.50 1.20 0.60 0.10 0.02 0.40 2.20 150

Hill Type

1	UK0704667 03517	Sh	1.11	2.46	0.32	0.09	-0.02	1.18	2.52	181	3	JT Jones
2	UK0704667 03553	Sh	0.88	2.04	1.20	-0.07	-0.01	0.77	3.52	212	2	JT Jones
3	UK0704667 03671	Sh	-0.06	0.56	0.80	0.09	-0.03	1.28	1.33	178	3	JT Jones
4	UK0704667 03104	2 Sh	0.59	1.54	0.50	-0.08	0.00	0.80	2.24	172	3	JT Jones
5	UK0703116 00717	Sh	1.27	3.36	2.97	0.45	-0.04	0.71	6.35	269	1	TC & AJ Tyne
6	UK0744442 02465	3 Sh	1.57	3.81	2.21	0.47	0.05	-0.33	7.03	215	2	R & S Lloyd-Williams
7	UK0744442 03837	2 Sh	1.23	2.37	1.20	0.16	0.04	0.64	4.19	196	3	R & S Lloyd-Williams
8	UK0744442 03418	2 Sh	2.29	4.27	1.65	0.31	0.25	0.86	9.49	245	1	R & S Lloyd-Williams
9	UK0744442 04302	Sh	1.11	2.26	1.46	-0.08	0.10	0.36	5.68	209	3	R & S Lloyd-Williams
10	UK0744442 04380	Sh	1.67	3.62	2.64	0.25	0.18	0.76	9.41	273	1	R & S Lloyd-Williams
11	UK0744442 04747	Sh	0.96	2.18	0.93	0.19	0.08	1.39	4.48	202	3	R & S Lloyd-Williams
12	UK0744442 04851	Sh	1.55	2.69	1.00	0.15	0.10	0.65	5.01	195	3	R & S Lloyd-Williams
13	UK0744442 04891	Sh	1.32	2.95	0.84	0.56	0.02	1.40	3.84	192	3	R & S Lloyd-Williams

Improved Type

14	UK0726291 00995	Sh	1.55	4.01	3.27	0.56	0.06	1.10	8.85	298	A	Edward Williams
15	UK0726291 01047	Sh	1.01	2.80	1.62	0.50	0.02	0.27	4.90	190	C	Edward Williams
16	UK0726291 01065	Sh	0.08	2.34	1.56	0.35	-0.01	0.49	4.12	194	C	Edward Williams
17	UK0726291 01069	Sh	0.41	1.52	2.07	0.20	-0.02	0.18	3.96	200	C	Edward Williams
18	UK0726291 00951	Sh	0.90	2.63	2.14	0.39	-0.08	0.24	4.09	213	B	Edward Williams
19	UK0726291 01046	Sh	0.86	2.11	1.33	0.27	0.09	0.11	4.96	175	C	Edward Williams
20	UK0726291 01039	Sh	0.43	1.44	1.55	0.17	-0.01	0.36	3.20	185	C	Edward Williams
21	UK0741710 02114	Sh	2.02	3.81	0.83	-0.18	-0.04	0.82	4.31	231	A	Garry Williams
22	UK0741710 02092	Sh	1.81	3.76	1.82	0.18	0.07	0.55	6.85	241	A	Garry Williams
23	UK0741710 02105	Sh	1.92	4.29	1.78	0.32	0.06	0.59	7.20	242	A	Garry Williams

Welsh Mountain

LOT

Ram

Carcase traits

8 week weight

Scan weight

Muscle depth

Fat depth

Litter size

Matern. ability

Mature size

Welsh Index

Grade

Vendor

2014 Signet Breed Average EBVs

Improved Type

		0.5	1.2	0.6	0.1	0.02	0.4	2.2	150			
24	UK0741710 02073	Sh	2.01	4.16	1.53	0.21	0.00	0.91	5.84	246	A	Garry Williams
25	UK0741710 02078	Sh	1.90	3.98	1.38	-0.03	-0.01	0.82	5.64	247	A	Garry Williams
26	UK0741710 02057	Sh	1.30	2.25	1.34	-0.13	0.11	0.28	5.50	205	C	Garry Williams
27	UK0741710 02077	Sh	1.24	3.26	1.26	0.49	-0.06	0.78	3.71	200	C	Garry Williams
28	UK0741710 02021	Sh	1.64	2.70	1.10	-0.01	0.12	0.74	5.49	210	C	Garry Williams
29	UK0741710 02025	Sh	1.14	2.06	1.09	0.02	0.1	0.13	4.75	179	C	Garry Williams
30	UK0741710 02119	Sh	61.00	1.57	1.07	-0.05	-0.10	0.42	1.77	182	C	Garry Williams
31	UK0741710 02094	Sh	1.11	2.69	0.59	0.04	-0.02	0.3	3.19	174	C	Garry Williams
32	UK0712144 00199	Sh	1.95	3.33	0.95	-0.30	0.01	0.78	5.18	232	A	TC & AJ Tyne
33	UK0703116 00754	Sh	1.87	4.30	1.71	0.19	0.01	0.27	6.24	237	A	TC & AJ Tyne
34	UK0703116 00811	Sh	1.57	3.83	1.89	0.63	0.05	0.51	6.57	219	B	TC & AJ Tyne
35	UK0703116 00713	Sh	0.32	1.30	1.40	0.02	-0.09	1.35	2.62	214	B	TC & AJ Tyne
36	UK0703116 00760	Sh	1.05	3.19	2.32	0.57	-0.08	0.45	4.44	226	B	TC & AJ Tyne
37	UK0703116 00738	Sh	1.83	3.35	0.53	0.08	-0.01	0.72	3.63	193	C	TC & AJ Tyne
38	UK0703116 00749	Sh	1.68	4.22	1.75	0.59	0.03	1.11	6.74	240	A	TC & AJ Tyne
39	UK0703116 00743	Sh	1.04	2.55	2.43	0.44	-0.03	1.03	4.84	243	A	TC & AJ Tyne
40	UK0703116 00757	Sh	1.86	4.86	2.58	0.86	0.05	0.39	8.37	248	A	TC & AJ Tyne
41	UK0703116 00831	Sh	1.30	3.29	3.14	0.34	0.06	0.07	7.81	262	A	TC & AJ Tyne