Restoration with Micropropagated (clean) Sphagnum BeadaMOSS - Application Techniques, Trial Results & Costs Unique Sustainable Sphagnum www.beadamoss.co.u Neal Wright, Simon Caporn (Manchester Metropolitan University MMU), Anna Keightley (MMU)

"Pure" Sphagnum species:

With thanks to all who have allowed us to collect small handful from your sites

S. angustifolium	S.	fuscum	S.	pulchrum
S. capillifolium	S.	imbricatum (austinii)	S.	rubellum
S. cuspidatum	S.	inundatum	S.	rusowii
S. denticulatum	S .	magellanicum	S.	squarrosum
S. fallax	S.	palustre	S.	subnitens
S. fimbriatum	S.	papillosum	S.	tenellum



Micropropagated Sphagnum - BeadaMoss® products

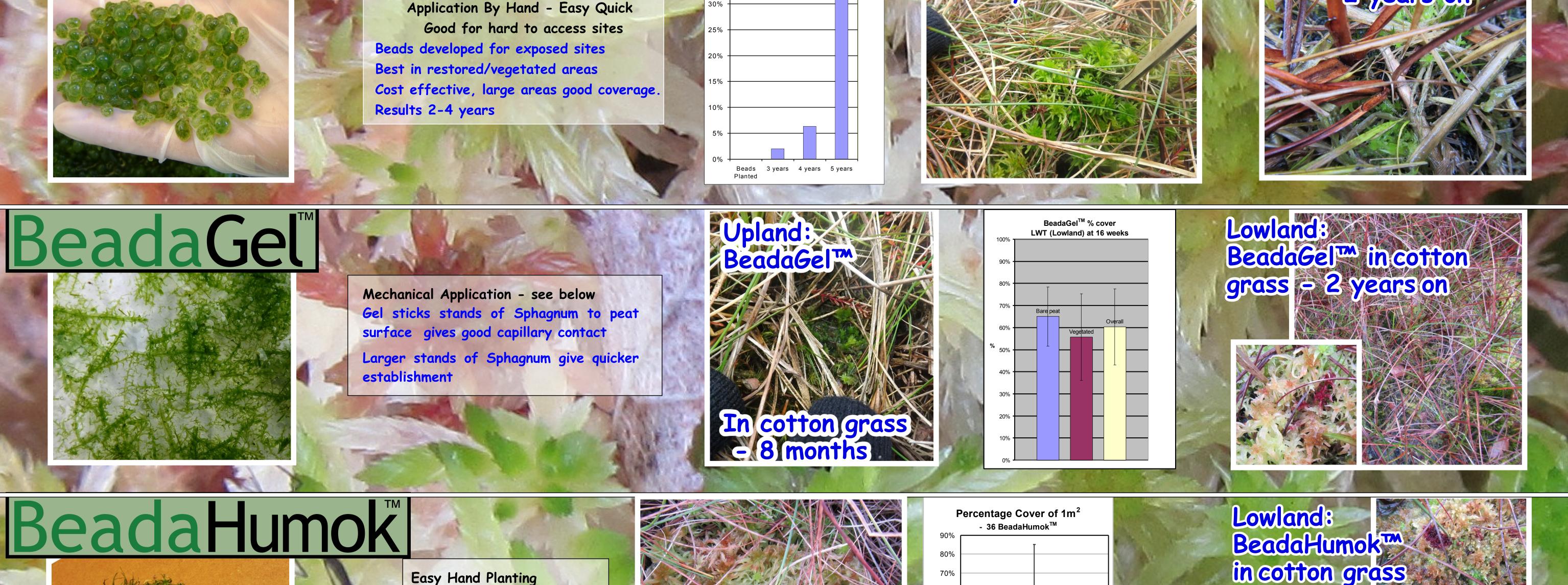
Pure Species or Blend of range of species Known Local Origins UK & Europe No donor site disturbance or potential damage Clean lab production - no Unwanted alien biota



BeadaMoss[™] Percentage Cover Holme Moss Gully Bottom

Upland: BeadaMoss® in cotton grass - 6 years on

Lowland: BeadaMoss® in cotton grass - 2 years on

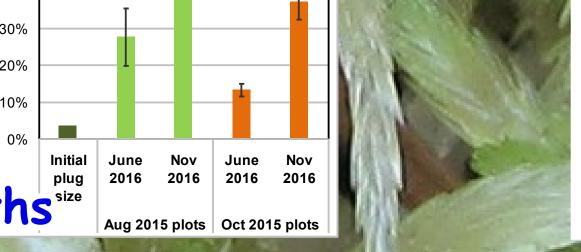


Easy Hand Planting **Instant Result** Quick to establish & spread











- 2 years on







Special form of BeadaGel[™] to coat Leca pellets, which have been previously coated with moorland seeds (Geoff Eyre)





wildlife TRUST

LANCASHIRE MANCHESTER N. MERSEYSIDE

PARTNERSHIP

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Manchester Metropolitan University

Costs BeadaMoss® Products:

BeadaMoss⁻

Hand application allows targeted application @ 35(min)lit/Ha = £350/Ha

BeadaGel

Backpack or machine application @ 35-70lit/Ha from £438-£875/Ha

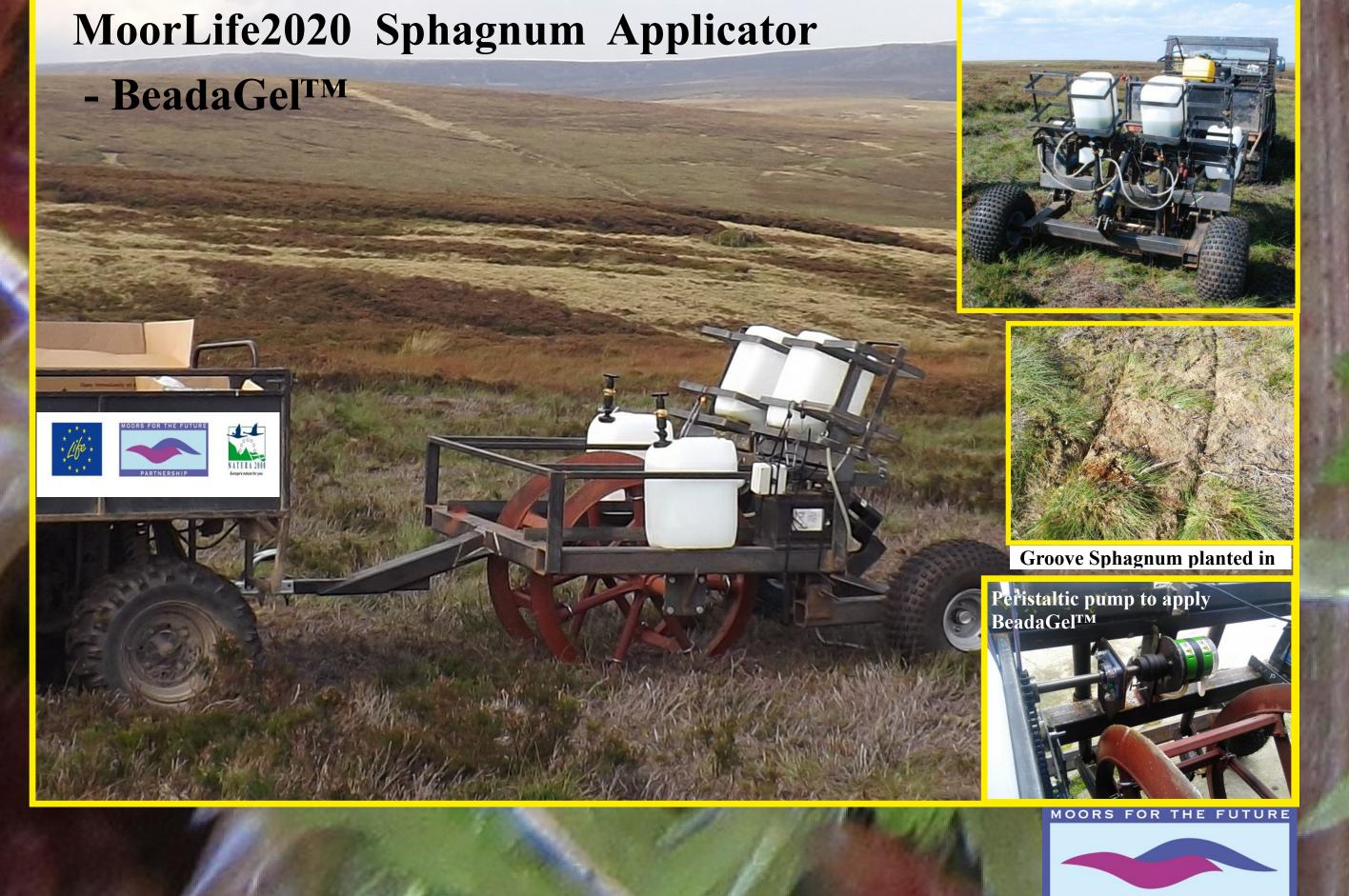
BeadaHumokĭ

Handplanting required @ 1250/Ha from £725/Ha

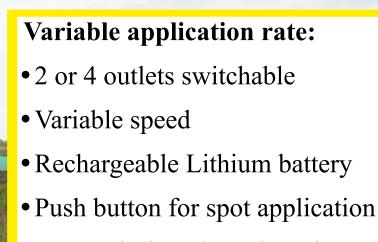
Not including application costs and quantity dependant

Backpack Sphagnum Applicator - BeadaGelTM

Mechanisation of Applicatio



Mark 3: Easier access pumps



• Lance designed to deposit BeadaGel[™] at base of vegetation.

