

Bringing clarity to seed standards across non-combinable crops

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BCPC Weeds Review Conference



Kings Crops

- UK wide coverage providing advice and seed products
- Oversee the non-combinable crops within Frontier Agriculture
 - Green cover
 - Stewardship
 - Forage crops
 - Game cover
 - Wildflowers
 - Amenity



Seed Procurement - UK

- Several crops grown by our own growers in East Anglia
 - Forage and grain rye
 - Wheat, barley, oats, triticale
 - Black oats
 - Camelina
 - Quinoa
 - Borage
- Inspected in the field by our qualified crop inspectors and processed as certified seed at Diss



Seed Procurement – Non-UK



- We work closely directly with key breeder partners in Europe who understand our expectations
- Ensures correct varieties of the required quality - we are key partners to their breeding and multiplication programmes
- 2022 seed has been ordered and deliveries scheduled – 98% direct from breeder
- Availability of key species in 2022 will be tight – legumes especially



Seed Standards

- Most species are on the UK National list (since Brexit) - if species are on the UK list then the variety must be listed to be used in the UK
 - When ordering seed we specify our expectations in advance
 - Seed is thoroughly analysed and tested on arrival at our Diss site within our DEFRA licensed satellite laboratory to the required quality standards
 - Scrutiny applied throughout the process by our operations staff so firewalls across our system – this is critical
 - All intake and carried over stock is fully assessed and recorded in terms of the key areas of
 - Germination
 - Vigour
 - Purity
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Labelling

- Seed mixtures must have a green certification label attached to the bag
 - Adhesive – less than 10kg
 - Stitched - 10kg +
- The green label ensures that all seed is produced under DEFRA/APHA inspection and lists
 - Mixture use
 - Seed lot reference number
 - Weight of bag
 - Month/year sealed
 - Mixture components including species name and variety (in brackets)
 - Percentage of component composition
 - Country of origin of component
 - UK certifying authority - this is the growers visual record that it is all within the system so traceable by PHSI



MIXTURE

Label No: **E8740232**

Seed Mixture of / for
Green Cover

Ref No:
21/5679/852

Month & Year sealed:
10/21

Weight:
25.000 kg NETT

List of Species and Varieties:

KSUPER10 Kings Super 10 Mix

Varieties	Weight	Ctry
Kings Winter Oats (Southwark)	33.33%	GB
Kings Rye (Cossani)	23.33%	GB
Kings Akiro Oil Radish	10.00%	HU
K44 Sunflowers (Peredovic)	6.67%	ES
K4 Buckwheat	6.67%	PL
Kings Vetch (Gravesa 81)	6.67%	ES
KGOP1 Gold of Pleasure	3.33%	GB
K30 Phacelia	3.33%	HU
Berseem Clover (Otto)	3.33%	FR
K41 Sandoval Quinoa	3.33%	GB

UK CERTIFYING AUTHORITY: Defra/NAW/DAERA/SG DEF 1005 (2020)

Evolving Sectors

- **Cover Crops**
 - A key element of Sustainable Farming Initiative and Countryside Stewardship
 - **Catch Crops**
 - Valuable opportunities to capture solar energy in the summer
 - **Companion Crops**
 - Supporting establishment of oilseed rape and wider
 - **Integrated Pest Management Options**
 - Ensuring beneficials can work alongside our cropping systems
 - **Addressing Soil Borne Pests**
 - Using cover crops to work within nematode control programmes
 - **Home Grown Nutrition**
 - Maximising soil-based resources – trapping atmospheric N
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Summary



- Non combinable crops are just as important as combinable crops in all respects!
 - Critical that we set the bar high to exceed the standards wherever possible
 - Growers need seed of the highest quality, formulated correctly not only to meet seed standards but compliance and stewardship expectations
 - As someone who advises growers and sells them seed I need to have full confidence in what we provide and know there is the process and protocols in place
 - Working together with the PHSI, AHPA and DEFRA teams is essential and a great asset for all involved
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Thank You

Please feel free to email any questions

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