



## SUPERIOR RED RICE WITH LOW GLYCAEMIC INDEX

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A single plant grown from single seedling of UKMRC9



Paddy sample of UKMRC9



Dehusked grain of UKMRC9



Grain length of UKMRC9 (G33) and MR219

- Variant G33 derived from an advanced backcross between wild rice accession, *Oryza rufipogon* Griff. (IRGC105491) and Malaysian rice cultivar MR219.
- Filed for IPR as UKMRC9 under NPV Act in Malaysia (Filing No. PVBT039/09).

### Agronomic features of UKMRC9:

- Intermediate plant height
- Intermediate growth duration (~125 days)
- Desired phenotypic appearance
- High grain yield (~ 5.5 t/ha)
- Blast disease resistant
- High percentage of filled rough rice (98.5-99.0%)
- Slender grain



## UKMRC9 classified as Low GI

- ### Biochemical properties of UKMRC9:
- Amylose content 19-20%
  - High Ferric Reducing Ability of Plasma (FRAP)
  - High Total Phenolic Content (TPC)
  - The variant is a rich source of antioxidants



Cooked rice of UKMRC9

- ### Remarks on UKMRC9:
- Stable advanced breeding line
  - Ready to be commercialised



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