

HYGROTECH

SUSTAINABLE SOLUTIONS



Redsimba



- Short day, hybrid red onion/Kitunguu chekundu cha hali ya juu
- Uniform shape and sized bulbs/Vitunguu Vyote vina umbo na ukubwa unao toshana
- Medium to large bulbs/ Vitunguu ni vikubwa
- Very firm bulb with good internal colour development/ Hakibondeki na kinarangi Nzuri hadi ndani
- Good storage potential/ Kinahifadhika vizuri ghalani bila kupoteza ubora wake
- Exceptional yield potential/ Kina uwezo wa wingi wa mazao
- Highly resistant to diseases/ Kina uwezo mkubwa wakustahimili magonjwa.

Redsimba is a medium maturing hybrid short-day red onion. Hybrid onions are good for commercial/large scale farming. This is because of their high yield, good quality, early vigour, disease tolerance and storability. RedSimba is suitable for direct sowing, sets and transplanting.

Redsimba ni kitunguu Chekundu cha ukomaavu wa wastani, Vitunguu vya Hybrid ni vizuri kwa kilimo biashara/ Ukulima mkubwa; hii ni kwa sababu vina mazao mengi, vinakuwa kwa haraka, vinastahimili magonjwa na maisha rufani yake ni marefu. Red Simba ni kizuri kwa kupanda kwa njia ya moja kwa moja ama kupitia kwa chekechea.

CHARACTERISTICS SIFA

KIND / Aina	Onion / Kitunguu (<i>Allium cepa</i> L.)
MATURITY / Kukomaa	±90days/ Siku ±92
BULB SHAPE / Umbo Lake	Flat ound / Duara
BULB UNIFORMITY / Usawasawa	Good / Wakuvutia
FIRMNESS / Kutobondeka	Hard / Hakibondeki
BULB COLOUR / Rangi Yake	Dark red / Wekundu mwingi
FLAVOUR / Harufu	Pungent / zuri
BOLTING / kuota maua	Minimal /kiwango cha chini
DISEASE RESISTANT / Kustahimili Magonjwa	Good / Chajizatiti
SEED COUNT / Hesabu ya mbegu kwa gramu moja	280-300 seeds/ g / Mbegu kwa gramu
SEED RATE / Upanzi	Direct sowing: 700 000 seeds/ha, (280,000-300 000 seeds/acre) / 280,000-300,000 kwa ekari moja Transplant: 300 000/acre / Mbegu elfu mia tatu kwa Ekari moja
SPACING / Kukaribiana kwa mimea	Intra: 8 cm, Inter: 15-20 cm / Mimea katika mstari 8cm, Kati ya mistari; 15-20cm
PLANT DEPTH / Mashimo ya kupanda	1.5 cm / ndani wa ardhi
EXPECTED YIELD / Mazao Tarajiwa	Up to 50 t/ha or 24t/acre / Tani 24 kwakari Moja
STORAGE / Maisha Rufani	3 to 4 months / miezi mitatu hadi tano
WATER REQUIREMENT / Mahitaji ya maji	Medium / Kadri
MARKETS/END USE / Soko	Fresh market and processing / Rejareja na viwanda

GENERAL GROWING GUIDE **MWELEKEZO WA KUPANDA**

FOLIAR FEEDING / Ratiba ya dawa	
Nursery (Tray)	Hygromix – 2kg/tray Fosfaspray – 5g/L water Kicstart – 2ml/L water
Nursery (bed)	Perlka (1Kg/10m ²)– 14 days before sowing
Transplanting	Kic start – 2ml/L water
1st Two weeks	Fosfaspray – 5g/L water Sporekill – 0.5- 1ml/L water
1st Month	Nitrospray – 2ml/L water Sporekill – 0.5- 1ml/L water
2nd Month	Hyperfeed – 5g/L water Hygroboost – 2ml/L water Seamaxx – 2.5ml/L water Liquicop – 0.01ml/1L water
3rd Month	Hyperfeed – 5g/L water Hygroboost – 2ml/L water Seamaxx – 2.5ml/L water Liquicop - 0.01ml/1L water Hygrobuff – 1ml/1L water

Onion diseases Magonjwa		Remedy / Tiba
Nursery	Damping -off	Sporekill
	Fusarium, Pythium Rhizoctonia	Fosfaspray Kic start
	Iris yellow spot virus	www.triachem.com
Soil borne diseases / magonjwa ya matawi		
	Fusarium Basal rot	Perlka
	Pink root	Mustard caliente
	Nematodes	www.triachem.com
	Bacterial soft rot	
Foliar diseases / magonjwa ya matawi		
	Purple blotch	Sporekill
	Downey mildew	Liquicop
	Botrytis leaf blight	Hygroboost Flo
	Rust	www.triachem.com
Post-harvest / wakati wa hifadhi		
	Black and grey mould	Vapour guard
	Neck rot	www.triachem.com
	Smudge	
General Pests / wadudu		
	Thrips	
	Wire worms	Acaricides
	Onion weevil	Chlorantraniliprole
	Leaf miners	www.triachem.com
	Onion fly	
Others		
	Chimera	Good variety
	Weeds	Glyphosate

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