

# HYGROTECH

SUSTAINABLE SOLUTIONS



## RED WAVE

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 kina

rangi 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 wa kustahimili magonjwa.

**Red Wave** 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. **Red Wave** is suitable for direct sowing, sets and transplanting.

**Red Wave** 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

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KIND / Aina	Onion / Kitunguu ( <i>Allium cepa</i> L.)
MATURITY / Kukomaa	±75 days / Siku ±75
BULB SHAPE / Umbo Lake	Round / Duara
BULB UNIFORMITY / Usawasawa	Good / Wakuvutia
FIRMNESS / Kutobondeka	Hard / Hakibondeki
BULB COLOUR / Rangi Yake	Dark red / Wekundu mwingi
FLAVOUR / Harufu	Highly pungent / zuri
BOLTING / kuota maua	Minimal /kiwango cha chini
DISEASE RESISTANT / Kustahimili Magonjwa	Good / kinga zuri
SEED COUNT / Hesabu ya mbegu kwa gramu moja	280-300 seeds in g / Mbegu kwa gramu
SEED RATE / Upanzi	Direct sowing: 700 000 seeds/ha, (300 000 seeds/acre) / Mbegu elfu mia tatu 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 60 t/ha or 27t/acre / Tani 27 kwakari Moja
STORAGE / Maisha Rufani	3 to 5 months / miezi mitatu hadi tano
WATER REQUIREMENT / Mahitaji ya maji	Medium / Kadri
MARKETS/END USE / Soko	Fresh market and processing / Rejareja na viwanda

# GENERAL PRODUCTION GUIDE **MWELEKEZO WA KUPANDA**

FOLIAR FEEDING / <b>Ratiba ya dawa</b>	
<b>NURSERY (Tray)</b>	Hygromix – 2kg/tray Fosfaspray – 5g/L water Kicstart – 2ml/L water
<b>NURSERY (bed)</b>	Perlka (1Kg/10m2)
<b>TRANSPLANTING</b>	Kic start – 2ml/L water
<b>1<sup>st</sup> TWO WEEKS</b>	Fosfaspray – 5g/L water Sporekill – 0.5- 1ml/L water
<b>1<sup>st</sup> Month</b>	Nitrospray – 2ml/L water Sporekill – 0.5- 1ml/L water
<b>2<sup>nd</sup> Month</b>	Hyperfeed – 5g/L water Hygroboost – 2ml/L water Seamaxx – 2.5ml/L water Liquicop – 0.01ml/1L water
<b>3<sup>rd</sup> MONTH</b>	Hyperfeed – 5g/L water Hygroboost – 2ml/L water Seamaxx – 2.5ml/L water Liquicop - 0.01ml/1L water Hygrobuff – 1ml/1L water
<b>4<sup>th</sup> MONTH</b>	Hyperfeed – 5g/L water Calmabon – 2ml/L water Seamaxx – 2.5ml/L water Liquicop - 0.01ml/1L water Hygrobuff – 1ml/1L water

<b>Onion diseases</b> <b>Magonjwa ya vitunguu</b>		<b>Remedy Tiba</b>
<b>Nursery</b>	Damping-off	Sporekill
	Fusarium, Pythium Rhizoctonia	Fosfaspray Kic start
	Iris yellow spot virus	www.triachem.com
<b>Foliar diseases</b>		
	Purple blotch	Sporekill
	Downey mildew	Liquicop
	Botrytis leaf blight	www.triachem.com
	Rust	
<b>Soil borne diseases</b>		
	Fusarium Basal rot	
	Pink root	Perlka
	Nematodes	Mustard caliente
	Bacterial soft rot	
<b>Post-harvest</b>		
	Black and grey mould	Vapourguard
	Neck rot	Avoshine
	Smudge	
<b>General Pests</b>		
	Thrips	
	Wire worms	Acaricides
	Onion weevil	Chlorantraniliprole
	Leaf miners	www.triachem.com
	Onion fly	
<b>Others</b>		
	Chimera	Good variety
	Weeds	2,4D Herbicide

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