

### ONION RED ZURI



- ✓ 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 Zuri F1** is a medium maturing hybrid shortday 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 Zuri F1 is suitable for direct sowing, sets and transplanting

**Red Zuri F1** ni kitunguu chekundu cha ukomavu wa mapema. Vitunguu vya Hybrid ni vizuri kwa kilimo biashara/ukulima mkubwa. Hii ni kwa sababu vina mazao mengi, vinakua kwa haraka, vinastahimili magonjwa na maisha rufani yake ni marefu. Red Zuri F1 ni zuri kwa kupanda kwa njia ya moja kwa moja na pia kupitia kwa nursery.

| CHARACTERISTICS / SIFA                   | RED ZURI F1                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| KIND / Aina                              | Red bulb onion / kitunguu ( <i>Allium cepa</i> L.)                                                        |
| MATURITY / kukomaa                       | ±85 days / siku ±85                                                                                       |
| BULB SHAPE / umbo                        | ROUND / duara                                                                                             |
| BULB UNIFORMITY / usawasawa              | GOOD / wa kuvutia                                                                                         |
| FIRMNESS / kutobondeka                   | GOOD FIRMNESS / hakibondeki                                                                               |
| BULB COLOUR / rangi yake                 | BRIGHT DARK RED / wekundu halisi                                                                          |
| FLAVOUR / ladha                          | HIGHLY PUNGENT / zuri                                                                                     |
| BOLTING / kota maua                      | NONE / HAKIOTI MAUA                                                                                       |
| DISEASE RESISTANT / kustahimili magonjwa | GOOD / KINGA ZURI                                                                                         |
| SEED COUNT / hesabu ya mbegu kwa gramu   | 280-300SEEDS PER GRAM / 280-300 mbegu kwa gramu                                                           |
| SEED RATE / kiwango cha mbegu            | DIRECT SOWING: 750,000 SEEDS/ Ha (300,000 SEEDS/ACRE)<br>TRANSPLANT: 625,000SEEDS/Ha (250,000 SEEDS/ACRE) |
| SPACING / upanzi                         | INTRA-ROW: 7-10CM, INTER-ROW 20-30 CM                                                                     |
| PLANTING DEPTH / undani wa kupanda       | 1.5CM                                                                                                     |
| EXPECTED YIELD / mazao tarajiwa          | UP TO 60TON/Ha OR 27 TON/ACRE                                                                             |
| STORAGE / maisha rufani                  | UP TO 3 MONTHS / hadi miezi mitatu                                                                        |
| WATER REQUIREMENT / hitaji la maji       | MEDIUM / kadri                                                                                            |
| MARKET END USE / soko                    | FRESH MARKET AND PROCESSING / rejareja na viwanda                                                         |

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## ONION GENERAL PRODUCTION GUIDE / MWELEKEZO WA KUPANDA

| FOLIAR FEED / RATIBA YA DAWA             |                                                                        |
|------------------------------------------|------------------------------------------------------------------------|
| <b>NUESERY (Tray)</b>                    | Hygromix 2Kg/tray<br>Fosfaspray 5g/l water<br>Kicstart 2ml/L water     |
| <b>NURSERY (bed)</b>                     | Perlka 1Kg/10m <sup>2</sup>                                            |
| <b>TRANSPLANTING (Pencil thickness)</b>  | Kicstart 2ml/l water<br>Calmabon 2.5 ml/ L water<br>Nufilm P 5ml/water |
| <b>5 weeks later</b>                     | Nitrospray plus 5ml/L water<br>Nu film P 5ml/water                     |
| <b>At bulb formation (10mm diameter)</b> | Hyperfeed 6g/L water<br>Fosfaspray 6g/L water<br>Nufilm P 5ml/water    |
| <b>2 weeks later</b>                     | Hyperfeed 6g/L water<br>Fosfaspray 6g/L water<br>Nufilm P 5ml/water    |
| <b>4 weeks later</b>                     | Hyperfeed 6g/L water<br>Fosfaspray 6g/L water<br>Nufilm P 5ml/water    |
| <b>6 weeks later</b>                     | Potaspray 6g/L water<br>Nufilm P 5ml/water                             |

| ONION DISEASES / MAGONJWA YA VITUNGUU |                                                                                 | REMEDY / TIBA                                           |
|---------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Nursery</b>                        | Damping off<br>Fusarium /<br>Pythium /<br>Rhizoctonia<br>Iris yellow spot virus | Sporekill<br>Fosfaspray<br>Kicstart<br>www.triachem.com |
| <b>Foliar diseases</b>                | Purple blotch<br>Downey mildew<br>Botrytis leaf blight<br>Rust                  | Sporekill<br>Liquicop                                   |
| <b>Soil borne diseases</b>            |                                                                                 |                                                         |
|                                       | Fusarium basal rot                                                              | Perlka<br>Mustard caliente                              |
|                                       | Pink root                                                                       |                                                         |
|                                       | Nematodes                                                                       |                                                         |
|                                       | Bacterial soft rot                                                              |                                                         |
| <b>Postharvest</b>                    |                                                                                 |                                                         |
|                                       | Black and grey mould                                                            | Vapourguard<br>Avoshine                                 |
|                                       | Neck rot                                                                        |                                                         |
|                                       | Smudge                                                                          |                                                         |
| <b>General pests</b>                  |                                                                                 |                                                         |
|                                       | Thrips                                                                          | Acaricides                                              |
|                                       | Wireworms                                                                       | Chlorantraniprole                                       |
|                                       | Onion weevil                                                                    |                                                         |
|                                       | Leaf miners                                                                     |                                                         |
|                                       | Onion fly                                                                       |                                                         |
| <b>Others</b>                         |                                                                                 |                                                         |
|                                       | Chimera                                                                         |                                                         |
|                                       | Weeds                                                                           | 2,4 D Herbicide                                         |

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