

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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GOVERNMENT NOTICE NO. 329 Published on 08/09/2017

PLANT BREEDERS' RIGHTS ACT,

(ACT NO. 9 OF 2012)

**NOTICE**

*(Made under Section 24)*

NOTIFICATION FOR THE APPLICATION OF PLANT BREEDERS' RIGHTS FOR 16 TANZANIAN DWARF CASHEW VARIETIES TDC1, TDC2, TDC3, TDC4, TDC7, TDC8, TDC9, TDC10, TDC12, TDC13, TDC14, TDC15, TDC16, TDC22, TDC23 AND TDC24

TAKE NOTICE that the Registrar of Plant Breeders' Rights has received an application for the grant of plant breeders' rights for the plant variety specified in the Schedules.

TAKE FURTHER NOTICE that if any person has an objection against the application under this notice, he shall file an objection with the Registrar in the manner prescribed under section 25 of the Plant Breeders' Rights Act.

ALSO TAKE NOTICES that, every objection shall be addressed to the Registrar of Plant Breeders' Rights in following address: -

The Registrar of Plant Breeders' Rights,  
Ministry of Agriculture Livestock and Fisheries,  
P.O. Box 9192,  
Tel: + 255-22-2861404,  
Fax: + 255-22-2861403,  
DAR ES SALAAM,  
TANZANIA.

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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TAKE FURTHER NOTICE that the Registrar reserves the right to reject any objection that does not comply with the requirements under section 25 and the grounds specified under section 26 of the Plant Breeders' Rights Act.

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FIRST SCHEDULE

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Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz	
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881.	
Date of receipt of the application	3. The receipt date of application is 29/08/2017	
Application number	4. The application number is 77.	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC1.	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale.</i>	
Description of the variety	7. Plant: growth habit	Spreading
	Plant: pattern of branch	Medium
	Plant: height	Medium
	Plant canopy: size	Medium

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Main stem at maturity	Absent
Stem girth	Narrow
Leaf: colour at maturity	Green
Leaf: colour at senescence	light yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Medium
Leaf: texture	Smooth
Time of flowering	Early flowering
Inflorescence: compactness	Medium
Nut: shape	Kidney
Nut: eye colour	Cream
Nut: apex shape	Intermediate
Nut: Sature projection relative to Apex	Intermediate
Nut: number of nuts per panicle	Many
Nut: size	Medium
Apple: colour	Orange red
Apple: shape	Conical
Apple: size	Medium

Special  
distinguishing  
characteristics

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

*GN. No. 329 (Contd.)*

SECOND SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881
Date of receipt of the application	3. The receipt date of application is 29/08/2017
Application number	4. The application number is 78
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC2
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>
Description of the variety	7. Plant: growth habit Upright Plant: pattern of branch Intensive Plant: height Medium Plant canopy: size Medium Main stem at maturity Absent Stem girth Narrow Flushes leaf: main colour Light brown

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Flushes leaf: midrib colour	Brown
Leaf blade: (mature) shape	Obovate
Leaf blade: shape of apex	Round
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Short
Leaf: blade length	Medium
Leaf: blade width	Medium
Leaf: texture	Smooth
Time of flowering	Early flowering
Inflorescence: compactness	Loose
Nut: shape	Kidney
Nut: (mature): colour	Light Grey
Nut: detachment from the apple	Easy
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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GN. No. 329 (Contd.)

	Nut: number of nuts per panicle	Few
	Nut: size	Medium
	Apple: colour	Yellow
	Apple: shape	Conical
	Apple: size	Medium
Special distinguishing characteristics	8. Light brown flushes leaf.	

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THIRD SCHEDULE

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Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881
Date of receipt of the application	3. The receipt date of application is 29/08/2017
Application number	4. The application number is 79

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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GN. No. 329 (Contd.)

Proposed denomination of the variety	5. The proposed denomination of the variety is TDC3	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Medium
	Plant: height	Medium
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Narrow
	Flushes leaf: main colour	Brown
	Flushes leaf: midrib colour	Brown
	Leaf blade: (mature) shape	Obovate
	Leaf blade: shape of apex	Round
	Leaf: colour at maturity	Green
	Leaf: colour at senescence	Yellow
	Leaf: (mature) midrib colour	Light green
	Leaf: Internode length (size)	Short
	Leaf: blade length	Medium
	Leaf: blade width	Medium
	Leaf: texture	Smooth
	Time of flowering	Early flowering

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

*GN. No. 329 (Contd.)*

	Inflorescence: compactness	Loose
	Nut: shape	Kidney
	Nut: detachment from the apple	Intermediate
	Nut: base shape	Flattened
	Nut: suture shape	Rounded
	Nut: flanks	Rounded
	Nut: eye colour	Cream
	Nut: apex shape	Rounded
	Nut: Sature projection relative to Apex Front	
	Nut: number of nuts per panicle	Few
	Nut: size	Medium
	Apple: colour	Yellow
	Apple: shape	Cylindrical
	Apple: size	Medium
Special distinguishing characteristics	Nut base and suture are flattened and rounded respectively	

FOURTH SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz
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*GN. No. 329 (Contd.)*

Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile:+255787 501550/+255784 327881	
Date of receipt of the application	3. The receipt date of application is 29/08/2017	
Application number	4. The application number is 80	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC4	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Medium
	Plant: height	Medium
	Plant canopy: size	Small
	Main stem at maturity	Absent
	Stem girth	Narrow
	Leaf blade: (mature) shape	Obovate
	Leaf blade: shape of apex	Round
	Leaf: (mature) midrib colour	Light green
	Time of flowering	Early flowering
	Inflorescence: compactness	Loose
	Nut: shape	Kidney

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*GN. No. 329 (Contd.)*

Nut: (mature): colour	Dark grey
Nut: detachment from the apple	Easy
Nut: flanks	Rounded
Nut: eye colour	Pink
Nut: apex shape	Rounded
Nut: size	Medium
Apple: colour	Orange red
Apple: shape	Cylindrical
Apple: size	Medium

Special  
distinguishing  
characteristics

Red brown flashes leaf with pink nut eye

FIFTH SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881
Date of receipt of the application	3. The receipt date of application is 29/08/2017

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GN. No. 329 (Contd.)

Application number	4. The application number is 81	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC7	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Spreading
	Plant: pattern of branch	Extensive
	Plant: height	Medium
	Plant canopy: size	Large
	Main stem at maturity	Absent
	Flushes leaf: main colour	Brown
	Flushes leaf: midrib colour	Brown
	Leaf blade: (mature) shape	Obovate
	Leaf blade: shape of apex	Round
	Leaf: colour at maturity	Green
	Leaf: colour at senescence	light yellow
	Leaf: (mature) midrib colour	Brown
	Leaf: Internode length (size)	Medium
	Leaf: texture	Smooth
	Time of flowering	Late flowering
	Inflorescence: compactness	Loose
	Nut: shape	Oblong

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*GN. No. 329 (Contd.)*

Nut: (mature): colour	Grey
Nut: detachment from the apple	Hard
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Orange red
Apple: shape	Cylindrical
Apple: size	Medium

Special  
distinguishing  
characteristics

8. Brown midrib of mature leaf and deep grooves on apex of apple

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*GN. No. 329 (Contd.)*

SIXTH SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz	
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881	
Date of receipt of the application	3. The receipt date of application is 29/08/2017	
Application number	4. The application number is 82	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC8	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Intensive
	Plant: height	Medium
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Narrow
	Flushes leaf: main colour	Brown

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*GN. No. 329 (Contd.)*

Flushes leaf: midrib colour	Pink
Leaf blade: (mature) shape	Oblong
Leaf blade: shape of apex	Round
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Medium
Leaf: texture	Rough
Time of flowering	Late flowering
Inflorescence: compactness	Loose
Nut: (mature): colour	Dark Grey
Nut: detachment from the apple	Hard
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Intermediate
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Orange

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

*GN. No. 329 (Contd.)*

Apple: shape	Conical
Apple: size	Medium

Special distinguishing characteristics      8. Wide leaf blade width

SEVENTH SCHEDULE

Name of the applicant      1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz

Breeder      2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile:+255787 501550/+255784 327881

Date of receipt of the application      3. The receipt date of application is 29/08/2017

Application number      4. The application number is 83

Proposed denomination of the variety      5. The proposed denomination of the variety is TDC9

Botanical name      6. The botanical name of the crop variety is *Anacardium occidentale*

Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Intensive

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Plant: height	Short
Plant canopy: size	Small
Main stem at maturity	Absent
Stem girth	Narrow
Flushes leaf: main colour	Green
Flushes leaf: midrib colour	Pink
Leaf blade: (mature) shape	Obovate
Leaf blade: shape of apex	Round
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Medium
Leaf: texture	Smooth
Time of flowering	Early flowering
Inflorescence: compactness	Loose
Nut: shape	Oblong
Nut: (mature): colour	Grey
Nut: detachment from the apple	Easy
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded



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*GN. No. 329 (Contd.)*

Nut: eye colour	Cream
Nut: apex shape	Pointed
Nut: Sature projection relative to Apex	Intermediate
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Yellow
Apple: shape	Conical
Apple: size	Medium

Special  
distinguishing  
characteristics

8. Pointed nut apex.

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EIGHTH SCHEDULE

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Name of the  
applicant

1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma:  
Phone No.255 26 2321407; Email: ps@kilimo.go.tz

Breeder

2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE  
P.O.BOX 509 MTWARA. Mobile:+255787 501550/+255784 327881

Date of receipt of  
the application

3. The receipt date of application is 29/08/2017

Application  
number

4. The application number is 84

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*GN. No. 329 (Contd.)*

Proposed denomination of the variety	5. The proposed denomination of the variety is TDC10	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Medium
	Plant: height	Tall
	Plant canopy: size	Large
	Main stem at maturity	Absent
	Stem girth	Large
	Flushes leaf: main colour	Red
	Flushes leaf: midrib colour	Red
	Leaf blade: (mature) shape	Oblong
	Leaf blade: shape of apex	Indented
	Leaf: colour at maturity	Dark green
	Leaf: colour at senescence	Yellow
	Leaf: (mature) midrib colour	Light green
	Leaf: Internode length (size)	Long
	Leaf: texture	Smooth
	Time of flowering	Early flowering
	Inflorescence: compactness	Loose
	Nut: shape	Kidney

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GN. No. 329 (Contd.)

Nut: (mature): colour	Grey
Nut: detachment from the apple	Hard
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Intermediate
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Orange red
Apple: shape	Cylindrical
Apple: size	Medium

Special  
distinguishing  
characteristics

8. Dark green mature leaves, large stem girth and flattened apple apex.

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NINETH SCHEDULE

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Name of the  
applicant

1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma:  
Phone No.255 26 2321407; Email: ps@kilimo.go.tz

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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GN. No. 329 (Contd.)

Breeder 2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE  
P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881

Date of receipt of the application 3. The receipt date of application is 29/08/2017

Application number 4. The application number is 85

Proposed denomination of the variety 5. The proposed denomination of the variety is TDC12

Botanical name 6. The botanical name of the crop variety is *Anacardium occidentale*

Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Medium
	Plant: height	Short
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Narrow
	Flushes leaf: main colour	Green brown
	Flushes leaf: midrib colour	Brown
	Leaf blade: (mature) shape	Oblong
	Leaf blade: shape of apex	Indented
	Leaf: colour at maturity	Yellowish green
	Leaf: colour at senescence	Yellow
	Leaf: (mature) midrib colour	Light green

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*GN. No. 329 (Contd.)*

Leaf: Internode length (size)	Long
Leaf: texture	Smooth
Time of flowering	Early flowering
Inflorescence: compactness	Loose
Nut: shape	Oblong
Nut: (mature): colour	Light grey
Nut: detachment from the apple	Easy
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Orange
Apple: shape	Conical
Apple: size	Medium

Special  
distinguishing  
characteristics

8. Yellowish green of mature leaves.

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GN. No. 329 (Contd.)

TENTH SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz	
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile:+255787 501550/+255784 327881	
Date of receipt of the application	3. The receipt date of application is 29/08/2017	
Application number	4. The application number is 86	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC13	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i> .	
Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Extensive
	Plant: height	Medium
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Medium
	Flushes leaf: main colour	Red brown
	Flushes leaf: midrib colour	Brown

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*GN. No. 329 (Contd.)*

Leaf blade: (mature) shape	Obovate
Leaf blade: shape of apex	Indented
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Medium
Leaf: blade length	Medium
Time of flowering	Late flowering
Nut: shape	Oblong
Nut: (mature): colour	Light grey
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Orange
Apple: shape	Cylindrical
Apple: size	Medium

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

GN. No. 329 (Contd.)

Special distinguishing characteristics      8. Red brown flushes leaf

ELEVANTH SCHEDULE

Name of the applicant      1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma:  
Phone No.255 26 2321407; Email: ps@kilimo.go.tz

Breeder      2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE  
P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881

Date of receipt of the application      3. The receipt date of application is 29/08/2017

Application number      4. The application number is 87

Proposed denomination of the variety      5. The proposed denomination of the variety is TDC14

Botanical name      6. The botanical name of the crop variety is *Anacardium occidentale*

Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Extensive
	Plant: height	Tall



*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Plant canopy: size	Large
Main stem at maturity	Absent
Stem girth	Medium
Flushes leaf: main colour	Red
Flushes leaf: midrib colour	Brown
Leaf blade: (mature) shape	Oblong
Leaf blade: shape of apex	Round
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Medium
Leaf: texture	Rough
Time of flowering	Late flowering
Inflorescence: compactness	Dense
Nut: shape	Oblong
Nut: (mature): colour	Dark grey
Nut: detachment from the apple	Intermediate
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

*GN. No. 329 (Contd.)*

Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Medium
Nut: size	Medium
Apple: colour	Red
Apple: shape	Cylindrical
Apple: size	Medium

Special distinguishing characteristics

8. Dense inflorescence, medium number of nuts per panicle and red apple.

TWELVETH SCHEDULE

Name of the applicant

1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz

Breeder

2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile:+255787 501550/+255784 327881

Date of receipt of the application

3. The receipt date of application is 29/08/2017

Application number

4. The application number is 88

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Proposed denomination of the variety	5. The proposed denomination of the variety is TDC15	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Spreading
	Plant: pattern of branch	Intensive
	Plant: height	Short
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Narrow
	Flushes leaf: main colour	Brown
	Flushes leaf: midrib colour	Red
	Leaf blade: (mature) shape	Oblong
	Leaf blade: shape of apex	Round
	Leaf: colour at maturity	Green
	Leaf: colour at senescence	Yellow
	Leaf: (mature) midrib colour	Light green
	Leaf: Internode length (size)	Medium
	Leaf: texture	Smooth
	Time of flowering	Early flowering
	Inflorescence: compactness	Loose
	Nut: shape	Kidney

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Nut: (mature): colour	Dark grey
Nut: detachment from the apple	Easy
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Yellow
Apple: shape	Conical
Apple: size	Very large

Special  
distinguishing  
characteristics

8. Cleft on young nut and very large apple.

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

GN. No. 329 (Contd.)

THIRTEENTH SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz	
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile:+255787 501550/+255784 327881.	
Date of receipt of the application	3. The receipt date of application is 29/08/2017.	
Application number	4. The application number is 89.	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC16.	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i> .	
Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Medium
	Plant: height	Tall
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Narrow
	Flushes leaf: main colour	Deep red
	Flushes leaf: midrib colour	Red

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Leaf blade: (mature) shape	Oblong
Leaf blade: shape of apex	Indented
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: blade width	Medium
Leaf: texture	Rough
Time of flowering	Very late flowering
Inflorescence: compactness	Loose
Nut: detachment from the apple	Easy
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few
Nut: size	Medium
Apple: colour	Red
Apple: shape	Cylindrical
Apple: size	Very small

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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GN. No. 329 (Contd.)

Special distinguishing characteristics      8. Deep red flushes leaf and very small red apple

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FOURTEENTH SCHEDULE

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Name of the applicant      1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma:  
Phone No.255 26 2321407; Email: ps@kilimo.go.tz

Breeder      2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE  
P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881

Date of receipt of the application      3. The receipt date of application is 29/08/2017

Application number      4. The application number is 90

Proposed denomination of the variety      5. The proposed denomination of the variety is TDC22

Botanical name      6. The botanical name of the crop variety is *Anacardium occidentale*

Description of the variety	7. Plant: growth habit	Upright
	Plant: pattern of branch	Extensive
	Plant: height	Tall
	Plant canopy: size	Large
	Main stem at maturity	Absent

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Stem girth	Medium
Flushes leaf: main colour	Green brown
Flushes leaf: midrib colour	Brown
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Long
Leaf: texture	Rough
Time of flowering	Late flowering
Inflorescence: compactness	Medium
Nut: shape	Kidney
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Intermediate
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Many
Nut: size	Medium
Apple: colour	Yellow
Apple: shape	Cylindrical



*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

*GN. No. 329 (Contd.)*

	Apple: size	Medium
Special distinguishing characteristics	8. Medium inflorescence and many number of nuts per panicle	
<hr style="width: 10%; margin: 0 auto;"/> <p style="margin: 0;">FIFTEENTH SCHEDULE</p> <hr style="width: 10%; margin: 0 auto;"/>		
Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz	
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881	
Date of receipt of the application	3. The receipt date of application is 29/08/2017	
Application number	4. The application number is 91	
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC23	
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i>	
Description of the variety	7. Plant: growth habit	Spreading
	Plant: pattern of branch	Medium
	Plant: height	Short

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Plant canopy: size	Medium
Main stem at maturity	Absent
Stem girth	Narrow
Flushes leaf: main colour	Green brown
Flushes leaf: midrib colour	Brown
Leaf: colour at maturity	Green
Leaf: colour at senescence	Yellow
Leaf: (mature) midrib colour	Light green
Leaf: Internode length (size)	Short
Leaf: texture	Smooth
Time of flowering	Early flowering
Nut: shape	Oblong
Nut: (mature): colour	Grey
Nut: detachment from the apple	Easy
Nut: base shape	Rounded
Nut: suture shape	Angular
Nut: flanks	Rounded
Nut: eye colour	Cream
Nut: apex shape	Rounded
Nut: Sature projection relative to Apex	Front
Nut: number of nuts per panicle	Few

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

*GN. No. 329 (Contd.)*

	Nut: size	Medium
	Apple: colour	Orange
	Apple: shape	Cylindrical
	Apple: size	Medium
Special distinguishing characteristics	8. Flattened apple apex.	

SIXTEENTH SCHEDULE

Name of the applicant	1. Ministry of Agriculture Livestock and Fisheries: P.O.Box 2182 Dodoma: Phone No.255 26 2321407; Email: ps@kilimo.go.tz
Breeder	2. Dr. Peter A. Massawe and Mr. Fortunus A. Kapinga; ARI NALIENDELE P.O.BOX 509 MTWARA. Mobile: +255787 501550/+255784 327881.
Date of receipt of the application	3. The receipt date of application is 29/08/2017.
Application number	4. The application number is 92.
Proposed denomination of the variety	5. The proposed denomination of the variety is TDC24.
Botanical name	6. The botanical name of the crop variety is <i>Anacardium occidentale</i> .

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Description of the variety	7. Plant: growth habit	Spreading
	Plant: pattern of branch	Medium
	Plant: height	Medium
	Plant canopy: size	Medium
	Main stem at maturity	Absent
	Stem girth	Narrow
	Flushes leaf: main colour	Brown
	Flushes leaf: midrib colour	Brown
	Leaf blade: (mature) shape	Obovate
	Leaf blade: shape of apex	Round
	Leaf: colour at maturity	Green
	Leaf: colour at senescence	Yellow
	Leaf: texture	Smooth
	Time of flowering	Medium flowering
	Inflorescence: compactness	Loose
	Nut: shape	Oblong
	Nut: (mature): colour	Grey
	Nut: detachment from the apple	Easy
	Nut: Sature projection relative to Apex	Front
	Nut: number of nuts per panicle	Few
	Nut: size	Medium

*Notification for The Application of Plant Breeders' Rights for 16 Tanzanian Dwarf Cashew Varieties Tdc1, Tdc2, Tdc3, Tdc4, Tdc7, Tdc8, Tdc9, Tdc10, Tdc12, Tdc13, Tdc14, Tdc15, Tdc16, Tdc22, Tdc23 And Tdc24*

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*GN. No. 329 (Contd.)*

Apple: colour

Orange

Apple: shape

Conical

Apple: size

Medium

Special  
distinguishing  
characteristics

8. Medium in time of flowering.

Dar es Salaam  
31 August, 2017

JOYCE E. MOSILE  
*Ag. Registrar of Plant Breeders' Rights*