

30 July 2014

New Zealand Fruit Tree Company  
10 Donnelly Street  
Havelock North 4130  
New Zealand

Dear John

**Apple Variety 'UEB 33752'      APP204      30978**

The above variety has been found to be eligible for a grant of plant variety rights. Please find the grant document enclosed.

Yours sincerely



Mandy McDonald  
Commissioner of Plant Variety Rights



INTELLECTUAL  
PROPERTY  
OFFICE

PLANT VARIETY RIGHTS OFFICE  
NEW ZEALAND

GRANT OF PLANT VARIETY  
RIGHTS

No. 30978

Pursuant to the Plant Variety Rights Act 1987 a grant of  
plant variety rights is hereby made to

Institute of Experimental Botany

in respect of the Apple variety

UEB33752

for a term of 23 years  
from 30 July 2014.



*Mandy McDonald*

Mandy McDonald  
Commissioner of Plant Variety Rights



**UPOV VARIETY DESCRIPTION**

|     |  |  |
|-----|--|--|
| 1.  | Reference number of reporting authority                              | APP204 Grant 30978   |
| 2.  | Reference number of requesting authority (bilateral agreements only) |  |
| 3.  | Breeder's reference  | UEB 3375/2   |
| 4.  | Applicant (name and address)   | Institute of Experimental Botany<br>Rozvojova 135, 165 02 Prague, Czech Republic |
| 5.  | Botanical name of taxon  | <i>Malus domestica</i> Borkh.  |
| 6.  | Common name of taxon   | Apple  |
| 7.  | Variety denomination   | UEB 33752  |
| 8.  | Date and document number of UPOV Test Guideline                      | TG/14/9 2005   |
| 9.  | Date and/or document number of national Test Guideline               | Objective Description for Apple 8/13   |
| 10. | Testing authority  | New Zealand Plant Variety Rights Office  |
| 11. | Testing station(s) and place(s)                                      | Cultivar Centre, Plant and Food Research, Hawkes Bay                             |
| 12. | Period of testing  | 2011 - 2014  |
| 13. | Date and place of issue of document                                  |  |

14. Group: (If characteristics of number 15 are used for grouping, they are marked with a G in that number).

| UPOV |                                       |                     |      |         |
|------|---------------------------------------|---------------------|------|---------|
| No.  | Characteristics                       | State of Expression | Note | Remarks |
| 24.  | Fruit: size                           | medium to large     | 6    |         |
| 28.  | Fruit: shape                          | globose             | 6    |         |
| 36.  | Fruit: relative area of over colour   | small to medium     | 4    |         |
| 37.  | Fruit: hue of over colour of skin     | pink red            | 2    |         |
| 39.  | Fruit: pattern of over colour of skin | only solid flush    | 1    |         |
| 57.  | Time of eating maturity               | late                | 7    |         |

15. Characteristics included in the National Test Guidelines: (Cont'd)

| UPOV National |  | State of Expression    | Note | Remarks           |
|---------------|--|------------------------|------|-------------------|
| No.           | No. Characteristics                              |                        |      |                   |
| 1.            | Tree: vigour                                     | strong                 | 7    |                   |
| 2.            | Tree: type                                       | ramified               | 2    |                   |
| 3.            | Tree: habit                                      | drooping               | 3    |                   |
| 4.            | Tree: type of bearing                            | on spurs only          | 1    |                   |
| 5.            | Dormant 1-yr-old shoot: thickness                | medium to thick        | 6    |                   |
| 6.            | Dormant 1-yr-old shoot: length of internode      | medium                 | 5    |                   |
| 7.            | Dormant 1-yr-old shoot: colour on sunny side     | medium brown           | 4    |                   |
| 8.            | Dormant 1-yr-old shoot: pubescence on upper half | weak to medium         | 4    |                   |
| 9.            | Dormant 1-yr-old shoot: number of lenticels      | medium                 | 5    |                   |
| 10.           | Leaf: attitude in relation to shoot              | upwards                | 3    |                   |
| 11.           | Leaf: length of blade                            | medium                 | 5    | mean 82 mm        |
| 12.           | Leaf: width of blade                             | narrow to medium       | 4    | mean 43 mm        |
| 13.           | Leaf: ratio: length/width                        | large (high)           | 7    | mean 1.9          |
| 14.           | Leaf: intensity of green colour                  | medium                 | 5    |                   |
| 15.           | Leaf: incisions of margins                       | serrate (type 2)       | 4    |                   |
| 16.           | Leaf: pubescence on lower side                   | absent or weak         | 1    |                   |
| 17.           | Petiole: length                                  | medium                 | 5    | mean 32 mm        |
| 18.           | Petiole: extent of colouration from the base     | small to medium        | 4    |                   |
| 19.           | Flower: unopened flower, colour at balloon stage | dark pink              | 4    |                   |
| 20.           | Flower: diameter (with petals pressed flat)      | small                  | 2    |                   |
| 21.           | Flower: arrangement of petals                    | intermediate           | 2    |                   |
| 22.           | Flower: position of stigmas relative to anthers  | same level             | 2    |                   |
| 23.           | Young fruit: extent of anthocyanin over colour   | small                  | 3    |                   |
| 24.G.         | Fruit: size                                      | medium to large        | 6    | mean 249 g        |
| 25.           | Fruit: height                                    | tall                   | 7    | mean 72 mm        |
| 26.           | Fruit: diameter                                  | broad                  | 7    | mean 84 mm        |
| 27.           | Fruit: ratio height/diameter                     | medium to large (high) | 6    | mean 0.86         |
| 28.G          | Fruit: shape                                     | globose                | 6    | globose to obloid |
| 29.           | Fruit: ribbing                                   | absent or weak         | 1    |                   |
| 30.           | Fruit: crowning of calyx end                     | moderate               | 2    |                   |
| 31.           | Fruit: size of eye                               | medium to large        | 6    |                   |
| 32.           | Fruit: length of sepal                           | short to medium        | 4    |                   |
| 33.           | Fruit: bloom of skin                             | absent or weak         | 1    |                   |
| 33.           | Fruit: greasiness of skin                        | absent or weak         | 1    |                   |
| 35.           | Fruit: ground colour of skin                     | yellow green           | 5    |                   |
| 36.G          | Fruit: relative area of over colour              | small to medium        | 4    |                   |
| 37.G          | Fruit: hue of over colour                        | pink red               | 2    |                   |
| 38.           | Fruit: intensity of over colour                  | very light to light    | 2    |                   |
| 39.G          | Fruit: pattern of over colour                    | only solid flush       | 1    |                   |
| 41.           | Fruit: area of russet around stalk cavity        | absent or small        | 1    |                   |
| 42.           | Fruit: area of russet on cheeks                  | absent or small        | 1    |                   |

15. Characteristics included in the National Test Guidelines: (Cont'd)

| UPOV |  |                         |      |            |
|------|--|-------------------------|------|------------|
| No.  | Characteristics                                  | State of Expression     | Note | Remarks    |
| 43.  | Fruit: area of russet around eye basin           | absent or small         | 1    |            |
| 44.  | Fruit: number of lenticels                       | few to medium           | 4    |            |
| 45.  | Fruit: size of lenticels                         | medium                  | 5    |            |
| 46.  | Fruit: length of stalk                           | medium                  | 5    | mean 26 mm |
| 47.  | Fruit: thickness of stalk                        | medium                  | 5    |            |
| 48.  | Fruit: depth of stalk cavity                     | deep                    | 7    | mean 21 mm |
| 49.  | Fruit: width of stalk cavity                     | broad                   | 7    | mean 40 mm |
| 50.  | Fruit: depth of eye basin                        | medium to deep          | 6    | mean 12 mm |
| 51.  | Fruit: width of eye basin                        | medium to broad         | 6    | mean 33mm  |
| 52.  | Fruit: firmness of flesh                         | medium                  | 5    | mean 7.5   |
| 53.  | Fruit: colour of the flesh                       | white                   | 2    |            |
| 54.  | Fruit: aperture of locules in transverse section | closed or slightly open | 1    |            |
| 57.G | Time of maturity for eating                      | late                    | 7    |            |

16. Similar varieties and differences from these varieties:

| Denomination of similar variety | Characteristic in which the similar variety is different | State of expression of similar variety | State of expression of candidate variety |
|---------------------------------|--|--|--|
| Nicogreen                       | Fruit: shape   | ovoid                                  | globose                                  |
| Nicogreen                       | Fruit: hue of over colour                                | orange red                             | pink red                                 |
| Delblush                        | Fruit: shape   | oblong conical                         | globose                                  |
| Delblush                        | Fruit: size of lenticels                                 | large                                  | medium                                   |

17. Additional information:

Flower: petals strongly incurved.

Flower stalk: very long

