

Botanical name of taxon ***Malus domestica***

Common name of taxon **apple**

Variety denomination **Kasper.**

Date and document number of UPOV Test Guidelines . **TG/14/9**

Date and/or document number of national  
test guidelines **11.09.2007. / MK Nr. 615**

Testing authority **Fruit Variety Testing Laboratory**

Testing station(s) and place(s) **Latvian State Institute For Fruit Growing  
Graudu Str.1,Dobele, LATVIA, LV 3701**

Period of testing **2004-2007**

Date and place of issue of document **06.07.2007**

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

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Reference number of reporting authority Nr. LV90002127692

15. Characteristics Included in the UPOV Test Guidelines or National Test Guidelines

|           | Pazīme<br>Characteristics   | Pakāpe<br>Example<br>Varieties          | Paraugšķirne<br>Example Varieties         | Balle<br>Note |
|-----------|---|---|---|---------------|
| 1         | Koks: augums<br>Tree: vigor   | Vidējs<br>medium                        | Golden Delicious, Baltais<br>Dzidrais     | 5[x]          |
| 2         | Koks: tips<br>Tree: type  | Zarots<br>ramified                      |   | 2 [x]         |
| 3.<br>(+) | Koks: habituss<br>Tree: habit   | izplests<br>spreading                   | Bramley's Seedling, Rudens<br>Svītrainais | 5 [x]         |
| 4.        | Viengadīgi dzinumi<br>miera stāvoklī:<br>matojums (dzinuma<br>augšējā daļā līdz<br>vidum)<br>Dormant one-year-old<br>shoot: pubescence (on<br>upper half of shoot | Stiprs<br>strong                        | Bramley's Seedling, Rudens<br>Svītrainais | 7 [x]         |
| 5.        | Viengadīgi dzinumi<br>miera stāvoklī: resnums<br>(diametrs vidusdaļā)<br>Dormant one-year-old<br>shoot: thickness<br>(diameter at center)                         | Vidēji<br>medium                        | Worcester Pearmain, Baltais<br>Dzidrais   | 5 [x]         |
| (* ) 6.   | Viengadīgi dzinumi<br>miera stāvoklī:<br>pumpuru atstarpes<br>Dormant one-year-old<br>shoot: length of<br>internode   | Vidējas<br>medium                       | Jonagold, Saltanat                        | 5 [x]         |
| (* ) 7.   | Viengadīgi dzinumi<br>miera stāvoklī:<br>lenticēlu daudzums<br>Dormant one-year-old<br>shoot: number of<br>lenticels  | Maz<br>few                              | Bramley's Seedling,<br>Iedzēnu            | 3 [x]         |
| (* ) 8.   | Neizplaucis zieds:<br>krāsa<br>Flower: predominant<br>color at ballon stage   | gaiši sārts<br>(gaišrozā)<br>light pink | Gravensteiner, Sinap<br>Orlovskij         | 3 [x]         |
| (* ) 9.   | Ziedi: lielums<br>Flower: diameter  | Vidēji<br>medium                        | Cox's Orange Pippin                       | 5 [x]         |
| (* ) 10.  | Vainaglapas: malu<br>Flower: arrangement of<br>petals stāvoklis   | Brīvas<br>free                          | Worcester Pearmain, Doč<br>Melbi          | 1 [x]         |

|                |   |  |  |       |
|----------------|---|--|--|-------|
| 11.<br>(+)     | Lapas: vispārējais<br>novietojums<br>Leaf blade: attitude in<br>relation to shoot                           | Augšup<br>upwards                        | Redsleeves, Alro, Iedzēnu                          | 3 [x] |
| (*) 12.        | Lapas: garums<br>(absolūtais)<br>Leaf blade   | Vidējas<br>medium                        | Cox's Orange Pippin                                | 5 [x] |
| (*) 13.        | Lapas: platums<br>(absolūtais)<br>Leaf blade: width   | Vidējas<br>medium                        | Jonagold, Baltais Dzidrais                         | 5 [x] |
| 14.            | Lapas: garuma /<br>platuma attiecība<br>(spēcīga dzinuma<br>vidusdaļā)<br>Leaf blade: ratio<br>length/width | Vidēja<br>medium                         | Jonagold, Ilga                                     | 5 [x] |
| 15.            | Lapas plātne: malas<br>zobojums<br>Leaf blade: incisions of<br>margin (upper half)                          | Strups<br>crenate                        | Jonathan, Iedzēnu                                  | 1 [x] |
| (*) 16.        | Lapas kāts: garums<br>Petiole: length   | Vidējs<br>medium                         | Granny Smith, Ilga                                 | 5 [x] |
| (*) 17.        | Auglis: lielums<br>Fruit: size  | Vidēji<br>medium                         | Cox's Orange Pippin, Orļik                         | 5 [x] |
| (*) 18.        | Auglis: garuma /<br>platuma attiecība<br>Fruit: ratio heigh/width   | vidēja<br>(ieapaļi)<br>medium            | Jonagold, Iedzēnu                                  | 5 [x] |
| 19.            | Auglis: platākā vieta<br>Fruit: position of<br>maximum width  | tuvāk kātam<br>towards calyx             | Jonagold, Baltais Dzidrais                         | 3 [x] |
| (*) 20.<br>(+) | Auglis: forma<br>Fruit: shape   | ieapaļi<br>koniska<br>globose<br>conical | Cox's Orange Pippin,<br>Iedzēnu                    | 2 [x] |
| 21.            | Auglis: ribojuma<br>stiprums<br>Fruit: ribbing  | Vidējs<br>medium                         | Golden Delicious, Iedzēnu                          | 5 [x] |
| 22.            | Auglis: savilkums<br>(stiprāks ribojums)<br>kausa galā<br>Fruit: crowning at<br>calyx end                   | Vājš<br>weak                             | Cox's Orange Pippin,<br>Iedzēnu, Trebū Sēkklaudzis | 3 [x] |
| (*) 23.        | Auglis: kausa atvērums<br>Fruit: aperture of eye  | Slēgts<br>Closed                         | Worcester Pearmain,<br>Belorusskoje Maļinovoje     | 1 [x] |

|                |  |  |   |       |
|----------------|--|--|---|-------|
| (*) 24.        | Auglis: kausa lielums<br>Fruit: size of eye  | Vidējs<br>medium                               | Cox's Orange Pippin,<br>Vidzemes Zelta Renete         | 5 [x] |
| 25.            | Auglis: kauslapu<br>garums<br>Fruit: length of sepal                                 | Īsas<br>short                                  | McIntosh, Belorusskoje<br>Maļinovoje                  | 3 [x] |
| (*) 26.<br>(+) | Auglis: kausa bedrītes<br>dziļums<br>Fruit: depth of eye<br>basin                    | Vidēja<br>medium                               | Golden Delicious, Melba,<br>Talvenauding              | 5 [x] |
| 27.<br>(+)     | Auglis: kausa bedrītes<br>platums<br>Fruit: wigth of eye<br>basin                    | Vidēja<br>Medium                               | Golden Delicious, Paides<br>Ziemas, Rāja              | 5 [x] |
| (*) 28.        | Auglis: kāta resnums<br>Fruit: thickness of stalk                                    | Vidējs<br>medium                               | Cox's Orange Pippin,<br>Iedzēnu, Melba                | 5 [x] |
| (*) 29.        | Auglis: kāta garums<br>Fruit: length of stalk  | Ļoti garš<br>very long                         | Golden Delicious, Paides<br>Ziemas                    | 9 [x] |
| (*) 30.<br>(+) | Auglis: kāta bedrītes<br>dziļums<br>Fruit: depth of stalk<br>cavity                  | Dziļa<br>Deep                                  | Belle de Boskoop, Ilga,<br>Stars                      | 7 [x] |
| 31.<br>(+)     | Auglis: kāta bedrītes<br>platums<br>Fruit: width of stalk<br>cavity                  | Šaura<br>Narrow                                | Beauty of Bath, Tellissaare                           | 3 [x] |
| (*) 32.        | Auglis: apsarme<br>Fruit: bloom of skin  | nav vai ļoti<br>vāja<br>absent or very<br>weak | Golden Delicious,<br>Tellissaare                      | 1 [x] |
| 33.            | Auglis: miziņas<br>taukainums (eļļainums)<br>Fruit: greasiness of skin               | vājš<br>weak                                   | James Grieve  | 2 [x] |
| (*) 34.        | Auglis: miziņas<br>pamatkrāsa<br>(ja redzama)<br>Fruit: ground color (if<br>visible) | Dzeltena<br>yellow                             | Golden Delicious, Sīpoliņš,<br>Zarja Alatau           | 1 [x] |
| (*) 35.        | Auglis: virskrāsas<br>stiprums<br>Fruit: amount of over<br>color                     | Vājš<br>Low                                    | Cox's Orange Pippin, Sinap<br>Orlovskij, Zarja Alatau | 3 [x] |
| 36.            | Auglis: virskrāsa<br>Fruit: over color   | Sarkana<br>red                                 | Jonathan, Auksis                                      | 3 [x] |

|        |  |   |   |       |
|--------|--|---|---|-------|
| 37     | Auglis: virskrāsas stiprums<br>Fruit: intensity of over color  | gaiša<br>light                              |   | 3 [x] |
| (* 38. | Auglis: virskrāsas veids<br>Fruit: pattern of over color of skin                                     | izplūstoša (gaistoša)<br>washed out (faded) | Gloster, Signe Tillisch                                   | 5 [x] |
| (* 39. | Auglis: rūsinājuma stiprums<br>Fruit: amount of russet absent or around eye basin                    | Vidējs<br>medium                            | Cox's Orange Pippin, Auksis                               | 5 [x] |
| 40.    | Auglis: rūsinājuma stiprums uz augļa sāniem<br>Fruit: amount of russet on cheeks                     | Vājš<br>Low                                 |   | 3 [x] |
| (* 41. | Auglis: rūsinājuma stiprums ap kāta bedrīti<br>Fruit: amount of russet absent or around stalk cavity | Vidējs<br>medium                            |   | 5 [x] |
| (* 42. | Auglis: lenceļu lielums<br>Fruit: size of lenticels  | Lielas<br>Large                             | Reine des Reinettes (Ziemas Zelta Parmene), Ilga, Iedzēnu | 7 [x] |

|                |   |                               |   |       |
|----------------|---|-------------------------------|---|-------|
| (*) 43.        | Auglis: mīkstuma blīvums (mērot ar penetrometru)<br><br>Fruit: firmness of the flesh (measurement with penetrometer)                                | vidēji                        | Cox's Orange Pippin, Auksis                         | 5 [x] |
| (*) 44.        | Auglis: mīkstuma krāsa<br>Fruit: color of the flesh   | Krēmkrāsas Cream              | Jonagold, Auksis                                    | 2 [x] |
| (*) 45.<br>(+) | Augļa šķērsriezums: sēklu cirkņu atvērums (griežot caur cirkņu viduslīniju)<br>Fruit in cross-section: aperture of locules (median through locules) | Pusatvērti<br><br>Partly open | Reine des Reinettes (Ziemas Zelta Parmene), Spartan | 2 [x] |
| (*) 46.        | Koks: ziedēšanas sākums (10% atvērušos ziedu)<br>Time of beginning of flowering (10% open flowers)  | Agrs Early                    | Idared, Sīpoliņš                                    | 3 [x] |
| (*) 47.        | Augļu <u>lietošanas</u> gatavība<br>Time of maturity for consumption  | Agra Early                    | Jerseymac, Melba                                    | 3 [x] |

#### 16. Similar Varieties and Differences from These Varieties

| Denomination of similar variety | Characteristic in which the similar variety is different <sup>o</sup> ) | State of expression of similar variety | State of expression of candidate variety |
|---------------------------------|---|--|--|
|                                 |   |  |  |

<sup>o</sup>) In the case of identical states of expression of both varieties, please indicate the size of the difference.

**No similar varieties were found**