**ÇERİMOYA-SEKER ELMA**

**ÇEŞİT ÖZELLİK BELGESİ**

Cherimoya-Sugar Apple Variety Description Form

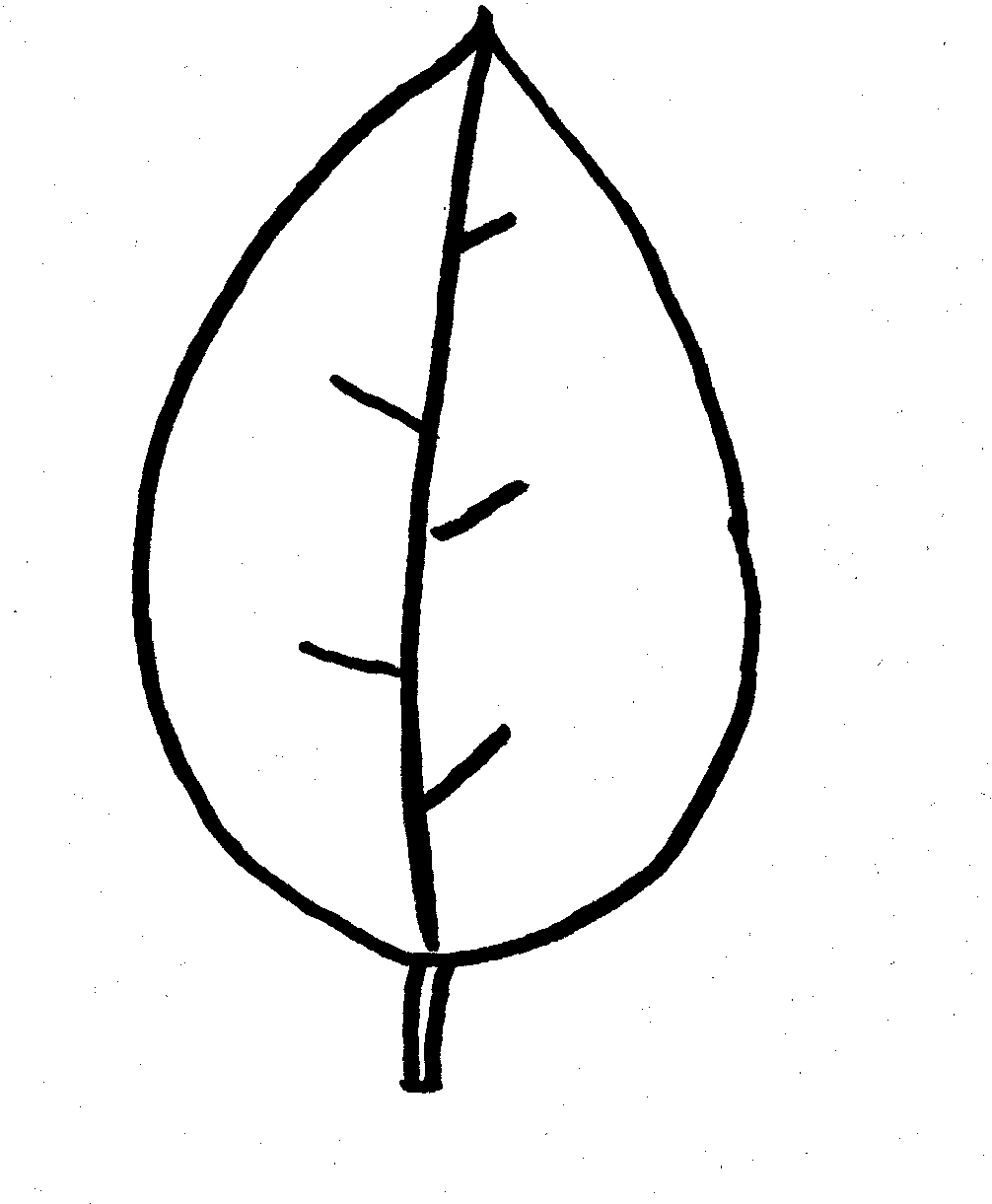
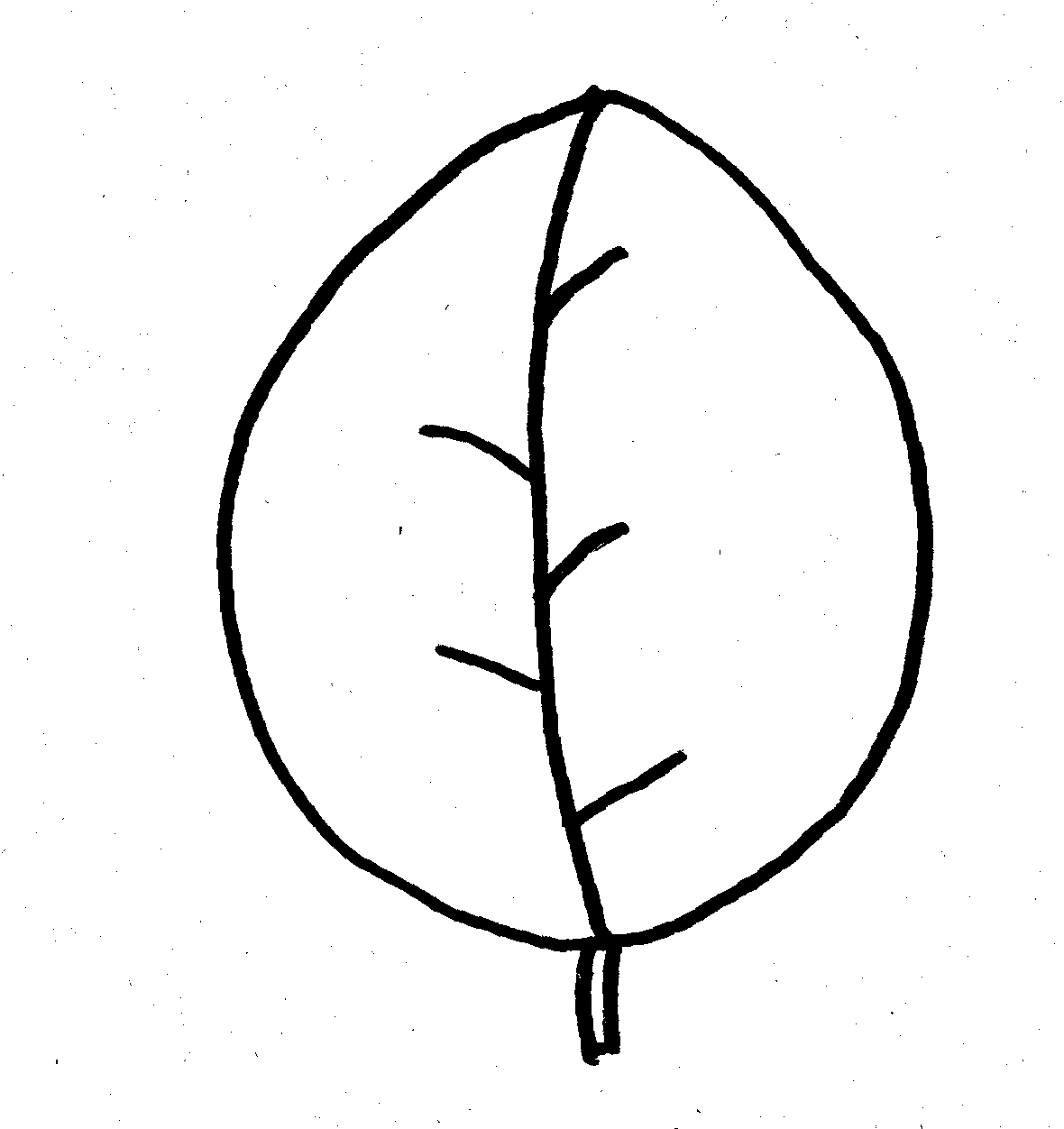
*Annona cherimola Mill- Annona squamosa*

**UPOV (TG/208/1** April 9, 2003)

|  |  |  |  |
| --- | --- | --- | --- |
| **I. ÇEŞİDİN ADI** (Name of variety) | | : |  |
| **II. ORİJİNİ** (Orijin) | |  |  |
| 1. | Islah Edildiği Yer ve Yıl | : |  |
|  | (Place of breeding and year) |  |  |
| 2. | Islah Eden Kuruluş veya Kişi | : |  |
|  | Name of breeder and breeding institution |  |  |
| 3. | Islah Yöntemi (The metod of breeding | : |  |
| 4. | Ebeven Adları (Name of plant perints) | : |  |
| 5. | Üretici Kuruluş (İnstitution of growing) | : |  |
| **II. BOTANİKTEKİ YERİ** (Botaical in taxonimi) | |  |  |
| 1. | Familyası (Family) | : | [Annonaceae](https://tr.wikipedia.org/wiki/Annonaceae) |
| 2. | Cinsi (Genuis) | : | [*Annona*](https://tr.wikipedia.org/wiki/Annona) |
| 3. | Türü (Species) | : | *Annona cherimola* Mill- *Annona quamosa* |
| **MORFOLOJİK ÖZELLİKLER** | |  |  |

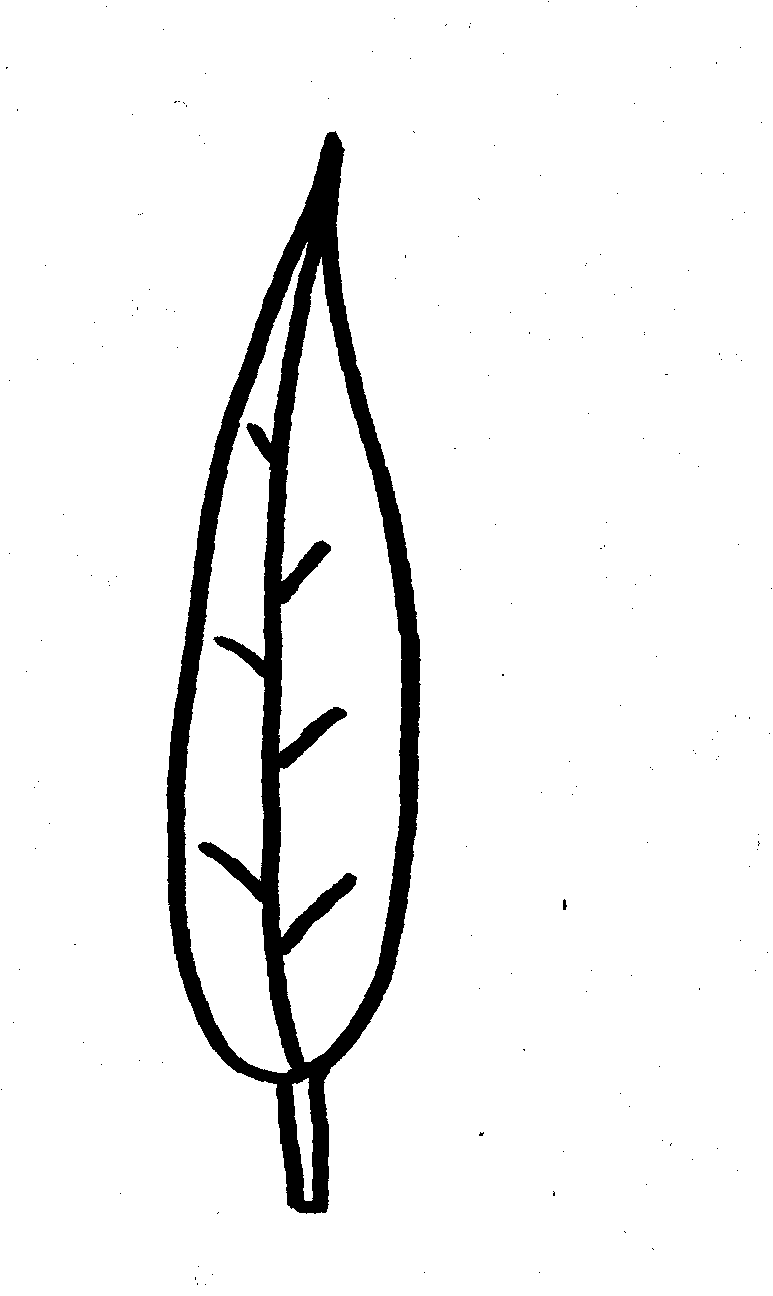
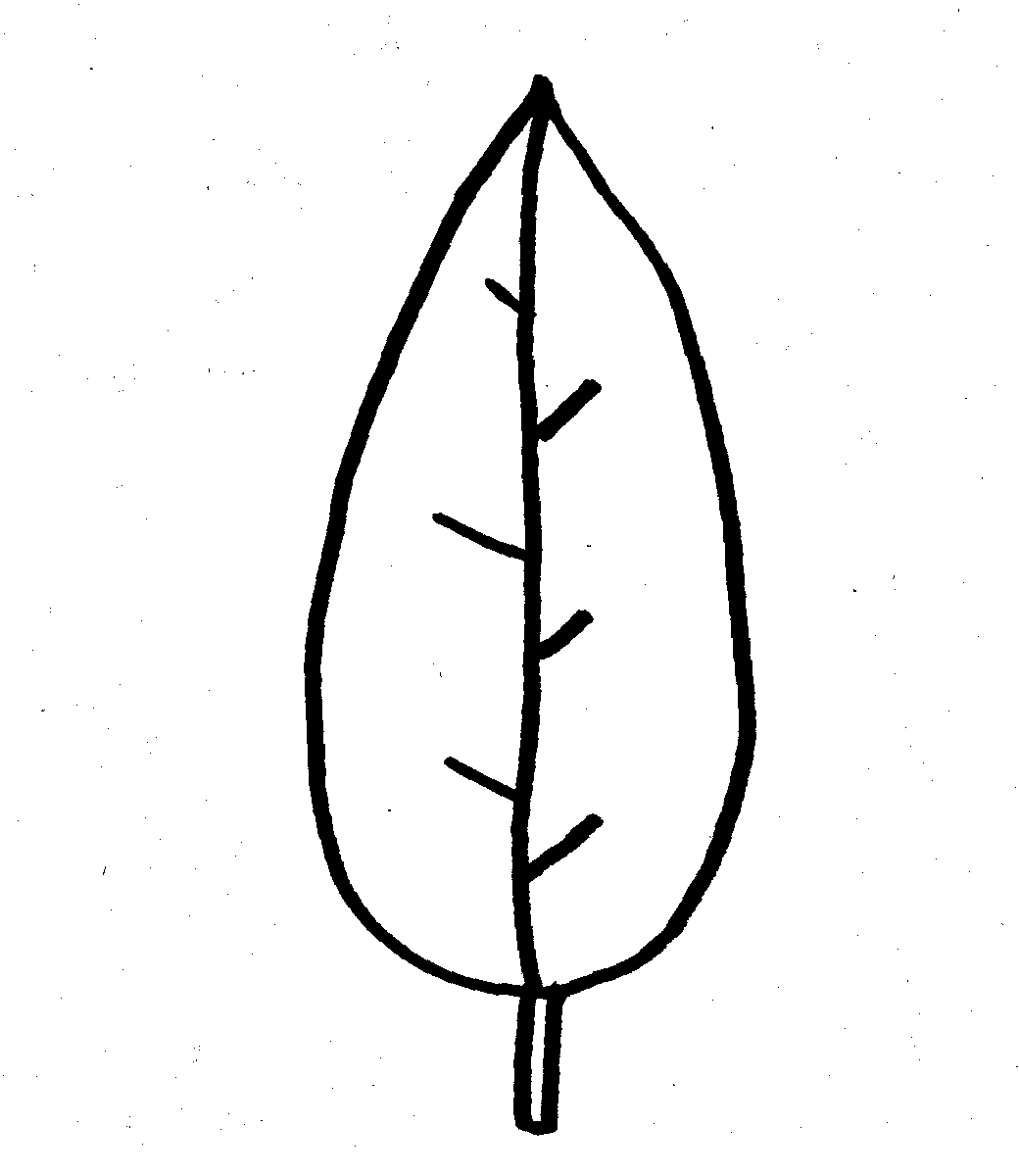
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| --- | --- | --- | --- | --- |
|  |  | **KARAKTERLER ve AÇIKLAMALAR**  *(Characteristics and Descriptions)* | **ÖRNEK ÇEŞİTLER**  *(Example Varieties)* | **NOT**  *(Note)* |
| 1. | (a) | **Sürgün: Boğum arası uzunluğu**  *Shoot: length of internode* |  |  |
| QN |  | **Kısa** *short* | Big Sister, Villapark | **3** |
|  |  | **Orta** *medium* | Bay Ott, Honey Hart | **5** |
|  |  | **Uzun** *long* | Mariella, Pierce, White | **7** |
| 2. | (a) | **Sürgün: Renği** *Shoot: color* |  |  |
| PQ |  | **Grimsi yeşil** *greyish green* | Big Sister, Chaffey | **1** |
|  |  | **Gri** *grey* | Bay Ott, Honey Hart | **2** |
|  |  | **Kahverengi** *brown* | African Pride, Fino de Jete | **3** |
| 3. | (a) | **Sürgün: Tüylülüğü** *Shoot: pubescence* |  |  |
| QL |  | **Yok** *absent* | African Pride, Gefner | **1** |
|  |  | **Var** *present* | Bay Ott, Big Sister | **9** |
| 4. | (b) | **Yaprak ayası: Uzunluk** *Leaf blade: length* |  |  |
| QN |  | **Kısa** *short* | African Pride, Gefner | **3** |
|  |  | **Orta** *medium* | El Bumpo, Villapark | **5** |
|  |  | **Uzun** *long* | Booth, Mariella | **7** |
| 5. | (b) | **Yaprak ayası: Genişlik** *Leaf blade: width* |  |  |
| QN |  | **Dar** *narrow* | African Pride, Gefner | **3** |
|  |  | **Orta** *medium* | El Bumpo, Villapark | **5** |
|  |  | **Geniş** *broad* | Booth, Mariella | **7** |
| 6. | (b) | **Yaprak ayası: Uzunluğu/Genişliği oranı** *Leaf blade: ratio length/width* |  |  |
| QN |  | **Küçük** *small* | African Pride, Gefner | **3** |
|  |  | **Orta** *medium* | El Bumpo, Villapark | **5** |
|  |  | **Geniş** *large* | Booth, Mariella | **7** |
| 7.(\*)(+) | (b) | **Yaprak ayası: Şekli** *Leaf blade: shape* |  |  |
| PQ |  | **Geniş yumurta** *broad ovate* | Booth, Oakwood | **1** |
|  |  | **Yumurta** *ovate* | Miguel, Ott, Pierce | **2** |
|  |  | **Dar yumurta** *narrow ovate* | Big Sister, El Bumpo,  Villapark | **3** |
|  |  | **Mızrak** *lanceolate* | African Pride | **4** |
| 8. | (b) | **Yaprak ayası: Yeşil renk (üst kısım)** *Leaf blade: green color (upper side)* |  |  |
| QN |  | **Açık** *light* | Mariella, Oakwood | **3** |
|  |  | **Orta** *medium* | Bay Ott, Booth | **5** |
|  |  | **Koyu** *dark* | Big Sister | **7** |
| 9. | (b) | **Yaprak ayası: Yeşil** **renk (alt taraf)**  *Leaf blade: green color (lower side)* |  |  |
| QN |  | **Açık** *light* |  | **3** |
|  |  | **Orta** *medium* |  | **5** |
|  |  | **Koyu** *dark* | Bay Ott, Big Sister | **7** |
| 10. | (b) | **Yaprak ayası: Tüylülük durumu (üst taraf)** *Leaf blade: pubescence (upper side)* |  |  |
| QL |  | **Yok** *absent* | African Pride, Gefner | **1** |
|  |  | **Var** *present* | Bay Ott, Big Sister | **9** |
| 11. | (b) | **Yaprak ayası: Tüylülük durumu (alt taraf)** *Leaf blade: pubescence (lower side)* |  |  |
| QL |  | **Yok** *absent* | African Pride, Gefner | **1** |
|  |  | **Var** *present* | Bay Ott, Big sister | **9** |
| 12. | (b) | **Yaprak ayası: Kenar dalgalılık durumu** *Leaf blade: undulation of bord margin* |  |  |
| QN |  | **Yok veya çok zayıf** *absent or very weak nulle ou très faible* | African Pride | **1** |
|  |  | **Zayıf** *weak* | Pierce | **3** |
|  |  | **Orta** *medium* | White | **5** |
|  |  | **Kuvvetli** *strong* | Big Sister | **7** |
| 13. | (b) | **Yaprak sapı: Uzunluk** *Petiole: length* |  |  |
| QN |  | **Kısa** *short* | Honey Hart | **3** |
|  |  | **Orta** *medium* | Fino de Jete | **5** |
|  |  | **Uzun** *long* | Big Sister | **7** |
| 14. | (b) | **Yaprak sapı: Kalınlık** *Petiole: thickness* |  |  |
| QN |  | **İnce** *thin* | Libby, Villapark | **3** |
|  |  | **Orta** *medium* | Big Sister | **5** |
|  |  | **Kalın** *thick* | Bays, Salmon | **7** |
| 15. | (c) | **Çiçek sürgünü: Çiçek yoğunluğu** *Flowering shoot: density of flowers* |  |  |
| QN |  | **Seyrek** *sparse* | Ott | **3** |
|  |  | **Orta** *medium* | White | **5** |
|  |  | **Yoğun** *dense* | Big Sister | **7** |
| 16. | (c) | **Taç Yaprak: Renk** *Petal: color* |  |  |
| PQ |  | **Yeşil** *green* | African Pride, Gefner | **1** |
|  |  | **Sarı** *yellow* | Bay Ott, Big Sister | **2** |
|  |  | **Açık kahverengi** *light brown* | El Bumpo, Pierce | **3** |
| 17. | (c) | **Taç Yaprak: Uzunluk** *Petal: length* |  |  |
| QN |  | **Kısa** *short* | Bays, Pink’s Mommoth,  White | **3** |
|  |  | **Orta** *medium* | Big Sister, El Bumpo,  Sabor | **5** |
|  |  | **Uzun** *long* | Libby, Villapark | **7** |
| 18. | (c) | **Taç Yaprak: Genişlik** *Petal: width* |  |  |
| QN |  | **Dar** *narrow* | Honey Hart, White | **3** |
|  |  | **Orta** *medium* | Campus, Mariella, Miguel,  Pink’s Mommoth | **5** |
|  |  | **Geniş** *broad* | Libby, Villapark | **7** |
| 19. | (c) | **Taç yaprak: Uzunluğu/Genişliği oranı** *Petal: ratio length/width* |  |  |
| QN |  | **Dar** *small* | Honey Hart, White | **3** |
|  |  | **Orta** *medium* | Campus, Miguel | **5** |
|  |  | **Geniş** *large* | Libby, Villapark | **7** |
| 20. | (c) | **Taç yaprak: Kalınlık** *Petal: thickness* |  |  |
| QN |  | **İnce** *thin* | Bays, Campas, Fino de Jete | **3** |
|  |  | **Orta** *medium* | Big Sister, Honey Hart | **5** |
|  |  | **Kalın** *thick* | Libby, Sabor | **7** |
| 21. | (c) | **Çiçek sapı: Uzunluk** *Peduncle: length* |  |  |
| QN |  | **Kısa** *short* | Campas, Chaffey | **3** |
|  |  | **Orta** *medium* | African Pride,  Pink’s Mommoth | **5** |
|  |  | **Uzun** *long* | Booth, El Bumpo | **7** |
| 22. | (c) | **Taç yaprağın: Anterden (erkek organların toz vermeye başlamadan) önce bükülmesi** *Petal: twisting just before anthesis* |  |  |
| QN |  | **Zayıf** *weak* | **White** | **3** |
|  |  | **Orta** *medium* | **Big Sister** | **5** |
|  |  | **Güçlü** *strong* | **Villapark** | **7** |
| 23. | (c) | **Taç yaprak: Kıvrıklılık** *Petal: curving* |  |  |
| QN |  | **Zayıf** *weak* | **Booth, Pierce** | **3** |
|  |  | **Orta** *medium* | **White** | **5** |
|  |  | **Güçlü** *strong* | **Chaffey** | **7** |
| 24. | (c) | **Yumurtalık: Şekil** *Ovary: shape* |  |  |
| PQ |  | **Dar yüreksi** *narrow cordate* | **Booth, Pierce, VillaPark** | **1** |
|  |  | **Yüreksi** *cordate* | **Bays, Campas, Spain** | **2** |
|  |  | **Geniş yüreksi** *broad cordate* | **Chaffey** | **3** |
| 25. | (c) | **Yumurtalık: Uzunluk** *Ovary: length* |  |  |
| QN |  | **Kısa** *short* | **African Pride, Gefner** | **3** |
|  |  | **Orta** *medium* | **Chaffey** | **5** |
|  |  | **Uzun** *long* | **Big Sister** | **7** |
| 26. | (c) | **Yumurtalık: Genişlik** *Ovary: width* |  |  |
| QN |  | **Dar** *narrow* | **African Pride, Gefner** | **3** |
|  |  | **Orta** *medium* | **Chaffey** | **5** |
|  |  | **Geniş** *broad* | **Booth** | **7** |
| 27. | (d) | **Meyve: Uzunluk** *Fruit: length* |  |  |
| QN |  | **Kısa** *short* | **Chafey** | **3** |
|  |  | **Orta** *medium* | **Bay Ott** | **5** |
|  |  | **Uzun** *long* | **Big Sister** | **7** |
| 28. | (d) | **Meyve: Enine çapraz kesit** *Fruit: diameter in cross section* |  |  |
| QN |  | **Dar** *small* | **Bay Ott, Bays** | **3** |
|  |  | **Orta** *medium* | **Mariella, Pierce** | **5** |
|  |  | **Geniş** *large* | **Big Sister, Salmon** | **7** |
| 29.  (\*)(+) | (d) | **Meyve: Yandan görünüm şekli** *Fruit: shape in lateral view* |  |  |
| PQ |  | **Dairesel** *circular* | **Bay Ott, Chaffey** | **1** |
|  |  | **Yürek** *cordate* | **Bays, Honey Hart, Pierce,**  **White** | **2** |
|  |  | **Konik** *conical* | **El Bumpo, Libby,**  **Mariella, Villapark** | **3** |
|  |  | **Geniş konik** *broad conical* | **Booth, Campas,**  **Fino de Jete, Miguel, Ott** | **4** |
|  |  | **Yamuk** *trapezoidal* | **Big Sister** | **5** |
| 30. | (d) | **Meyve: Yüzey parlaklığı** *Fruit: glossiness of skin* |  |  |
| QL |  | **Yok** *absent* | **Bays, Big Sister** | **1** |
|  |  | **Var** *present* | **African Pride, Gefner** | **9** |
| 31. (\*) | (d) | **Meyve: Kabuk rengi** *Fruit: color of skin* |  |  |
| PQ |  | **Soluk sarı yeşil** *pale yellow green* | **Pierce** | **1** |
|  |  | **Soluk yeşil** *pale green* | **Bays, Big Sister, Libby** | **2** |
|  |  | **Grimsi yeşil** *greyish green* | **Sabor, Campas, Miguel** | **3** |
| 32. | (d) | **Meyve: Kabuk kalınlığı** *Fruit: thickness of rind* |  |  |
| QN |  | **İnce** *thin* | **El Bumpo** | **3** |
|  |  | **Orta** *medium* | **Big Sister** | **5** |
|  |  | **Kalın** *thick* | **Bay Ott** | **7** |
| 33.  (\*)  (+) | (d) | **Meyve: Yüzey bölünme şekli** *Fruit: segmentation surface* |  |  |
| QL |  | **Gözenekli (içe çökük ağ) şekilde** *reticulate* | **Booth, El Bumpo, Ott** | **1** |
|  |  | **Üst üste binmiş (kozalak çeklinde) sekilde** *overlapping* | **Bay Ott, Big Sister, Spain** | **2** |
| 34.  (\*)  (+) | (d) | **Meyve: Yüzey çıkıntı durumu** *Fruit: protuberances on surface* |  |  |
| QN |  | **Yok veya çok küçük** *absent or very small* | **Honey Hart, White** | **1** |
|  |  | **Küçük** *small* | **Big Sister, Libby, Mariella, Villapark** | **3** |
|  |  | **Orta** *medium* | **El Bumpo, Oakwood** | **5** |
|  |  | **Geniş** *large* | **Miguel, Sabor** | **7** |
| 35. | (d) | **Meyve: Et rengi** *Fruit: color of flesh* |  |  |
| PQ |  | **Beyaz** *white* | **Pierce** | **1** |
|  |  | **Krem** *cream* | **Villapark** | **2** |
| 36. | (d) | **Meyve: Etin sertliği** *Fruit: firmness of flesh* |  |  |
| QN |  | **Yumuşak** *soft* | **El Bumpo, Miguel** | **3** |
|  |  | **Orta** *medium* | **White** | **5** |
|  |  | **Sert** *firm* | **African Pride,**  **Pink’s Mommoth** | **7** |
| 37. | (d) | **Meyve: Lif miktarı** *Fruit: amount of fiber* |  |  |
| QN |  | **Az** *few* | **African Pride, El Bumpo** | **3** |
|  |  | **Orta** *medium* | **Big Sister, Chaffey, Libby,**  **Miguel** | **5** |
|  |  | **Çok** *many* | **Bay Ott, Honey Hart,**  **Mariella, White** | **7** |
| 38. | (d) | **Meyve: Çekirdek miktarı** *Fruit: amount of stone cell* |  |  |
| QN |  | **Az** *few* | **Bay Ott, Honey Hart,**  **Miguel, White** | **3** |
|  |  | **Orta** *medium* | **Big Sister, Chaffey, Libby** | **5** |
|  |  | **Çok** *many* | **Booth, Campas, Ott, Sabor** | **7** |
| 39. | (d) | **Meyve: Etin sululuğu** *Fruit: juiciness of flesh* |  |  |
| QN |  | **Düşük** *low* | **Chaffey, Pierce** | **3** |
|  |  | **Orta** *medium* | **Bay Ott, Big Sister,**  **Honey Hart** | **5** |
|  |  | **Yüksek** *high* | **Booth, El Bumpo,**  **Mariella, Oakwood** | **7** |
| 40. | (d) | **Meyve: Toplam çözünür kuru madde (SÇKM)** *Fruit: total soluble solids* |  |  |
| QN |  | **Düşük** *low* | **Pierce, Salmon** | **3** |
|  |  | **Orta** *medium* | **Big Sister, Libby, Mariella,**  **Pink’s mommoth, Ott** | **5** |
|  |  | **Yüksek** *high* | **Cumpas, Miguel, Sabor, White** | **7** |
| 41. | (d) | **Meyve: Asitliği** *Fruit: acidity* |  |  |
| QN |  | **Düşük** *low* | **Big Sister, Campas,**  **Fino de Jete** | **3** |
|  |  | **Orta** *medium* | **Booth, Miguel** | **5** |
|  |  | **Yüksek** *high* | **Bays, El Bumpo** | **7** |
| 42. | (d) | **Meyve: Aroma** *Fruit: aroma* |  |  |
| QN |  | **Zayıf** *weak* | **Big Sister, Pierce** | **3** |
|  |  | **Orta** *medium* | **Bay Ott, Bays, El Bumpo** | **5** |
|  |  | **Kuvvetli** *strong* | **Booth, Honey Hart, Sabor, White** | **7** |
| 43. | (d) | **Meyve: Çekirdek sayısı** *Fruit: number of seeds* |  |  |
| QN |  | **Az** *few* | **Salmon** | **3** |
|  |  | **Orta** *medium* | **Fino de Jete** | **5** |
|  |  | **Çok** *many* | **Big Sister** | **7** |
| 44. |  | **Çekirdek: Uzunluğu** *Seed: length* |  |  |
| QN |  | **Kısa** *short* | **Oakwood, Pierce** | **3** |
|  |  | **Orta** *medium* | **Mariella** | **5** |
|  |  | **Uzun** *long* | **Big Sister** | **7** |
| 45. |  | **Çekirdek: Genişlik** *Seed: width* |  |  |
| QN |  | **Dar** *small* | **African Pride, Gefner** | **3** |
|  |  | **Orta** *medium* | **Bay Ott, Honey Hart** | **5** |
|  |  | **Geniş** *large* | **Chaffey, Mariella** | **7** |
| 46. |  | **Çekirdek: Uzunluğu/Genişliği oranı** *Seed: ratio length/width* |  |  |
| QN |  | **Küçük** *small* | **Oakwood** | **3** |
|  |  | **Orta** *medium* | **El Bumpo** | **5** |
|  |  | **Geniş** *large* | **Bay Ott** | **7** |
| 47. |  | **Çekirdek: Parlaklığı** *Seed: glossiness* |  |  |
| QL |  | **Yok** *absent* | **Big Sister, White** | **1** |
|  |  | **Var** *present* | **African Pride,**  **Pink’s Mommoth, Spain** | **9** |
| 48. |  | **Çekirdek: Ete bağlılığı** *Seed: adherence to flesh* |  |  |
| QN |  | **Zayıf** *weak* | **Booth, Campus** | **3** |
|  |  | **Orta** *medium* | **Big Sister, Chaffey** | **5** |
|  |  | **Kuvvetli** *strong* | **Bay Ott, Bays** | **7** |
| 49. |  | **Hasat olum zamanı** *Time of harvest maturity* |  |  |
| QN |  | **Erken** *early* | **El Bumpo, White** | **3** |
|  |  | **Orta** *medium* | **Pierce, Chaffey, Mariella** | **5** |
|  |  | **Geç** *late* | **African Pride, Big Sister** | **7** |

Ad. 7: **Yaprak ayası: Şekli** *Leaf blade: shape*



1 2

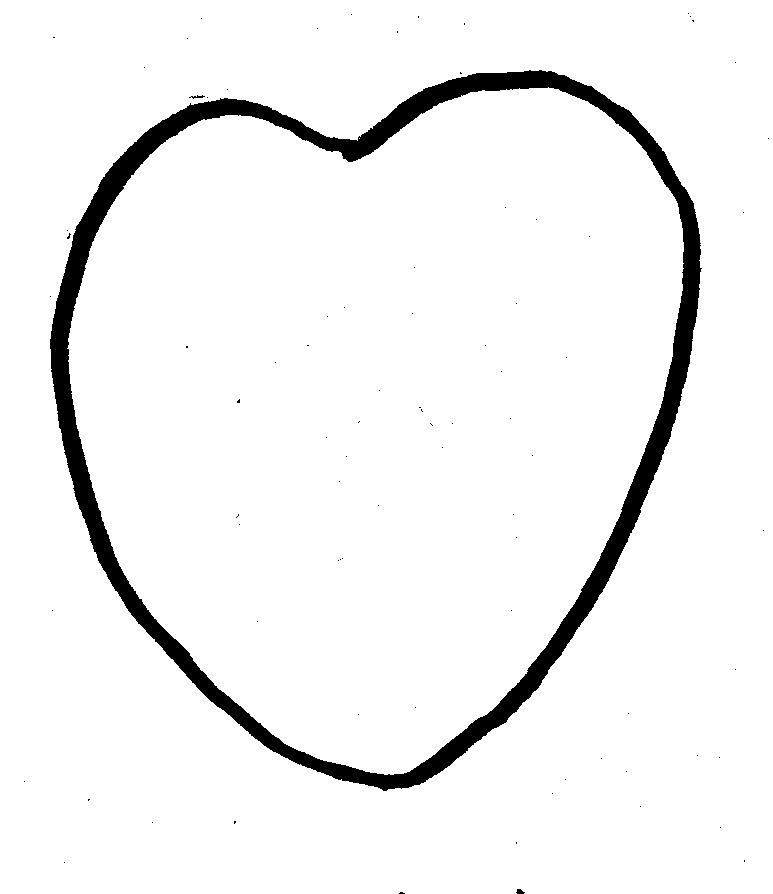
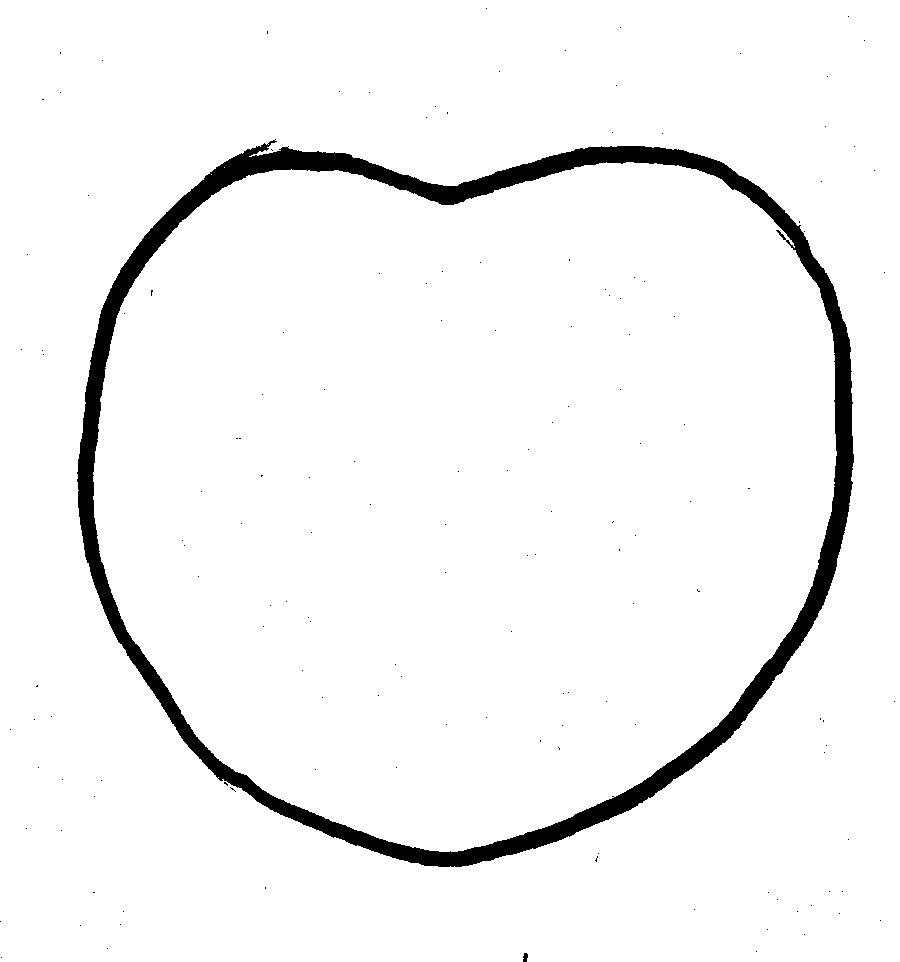
**Geniş yumurta** *broad ovate* **Yumurta** *ovate*



3 4

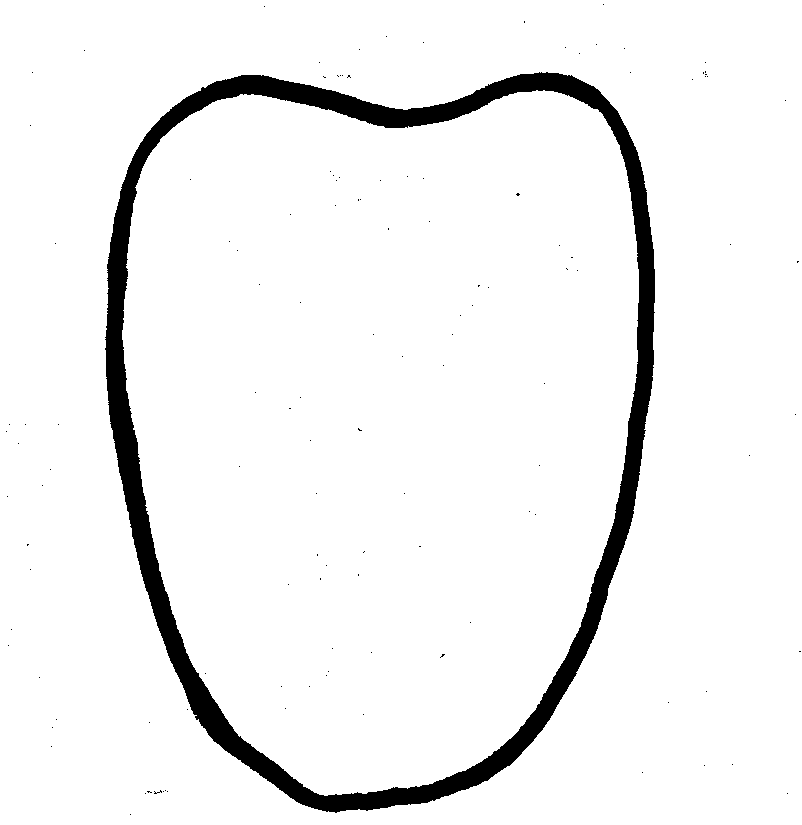
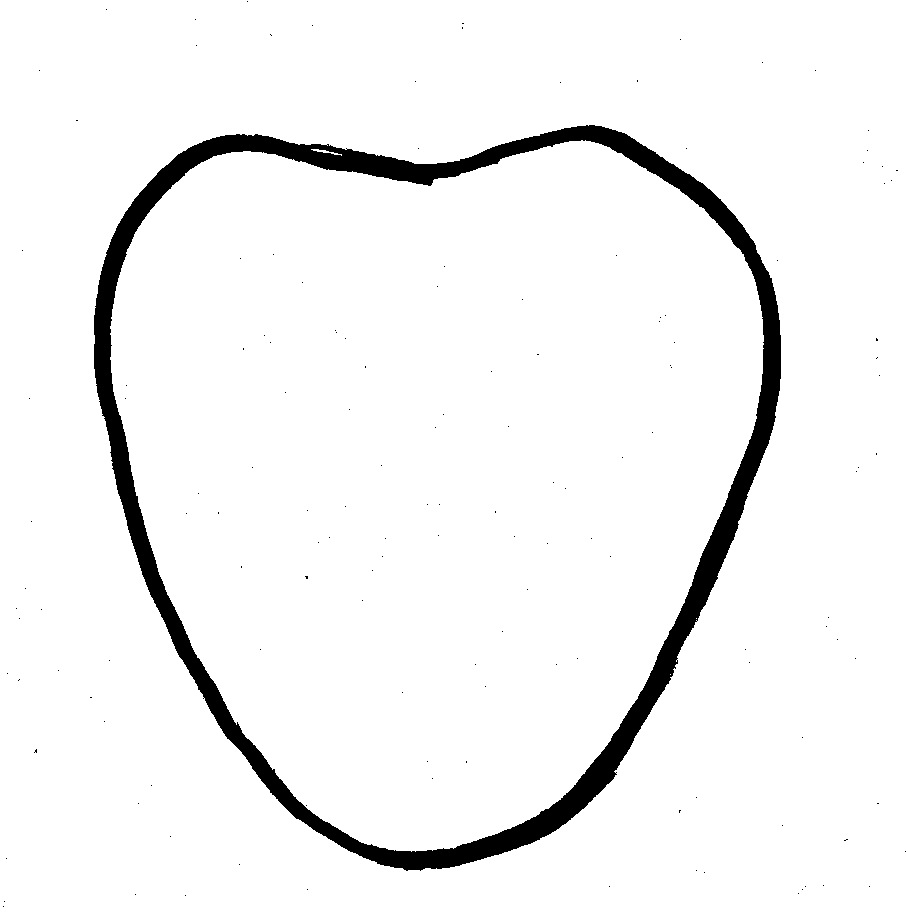
**Dar yumurta** *narrow ovate* **Mızrak** *lanceolate*

Ad. 29: **Meyve: Yandan görünüm şekli** *Fruit: shape in lateral view*



1 2 3

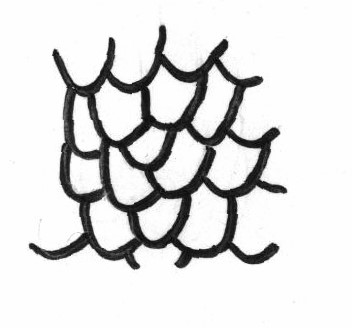
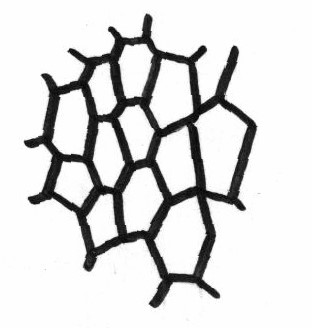
**Dairesel** *circular* **Yürek** *cordate* **Konik** *conical*



4 5

**Geniş konik** *broad conical* **Yamuk** *trapezoidal*

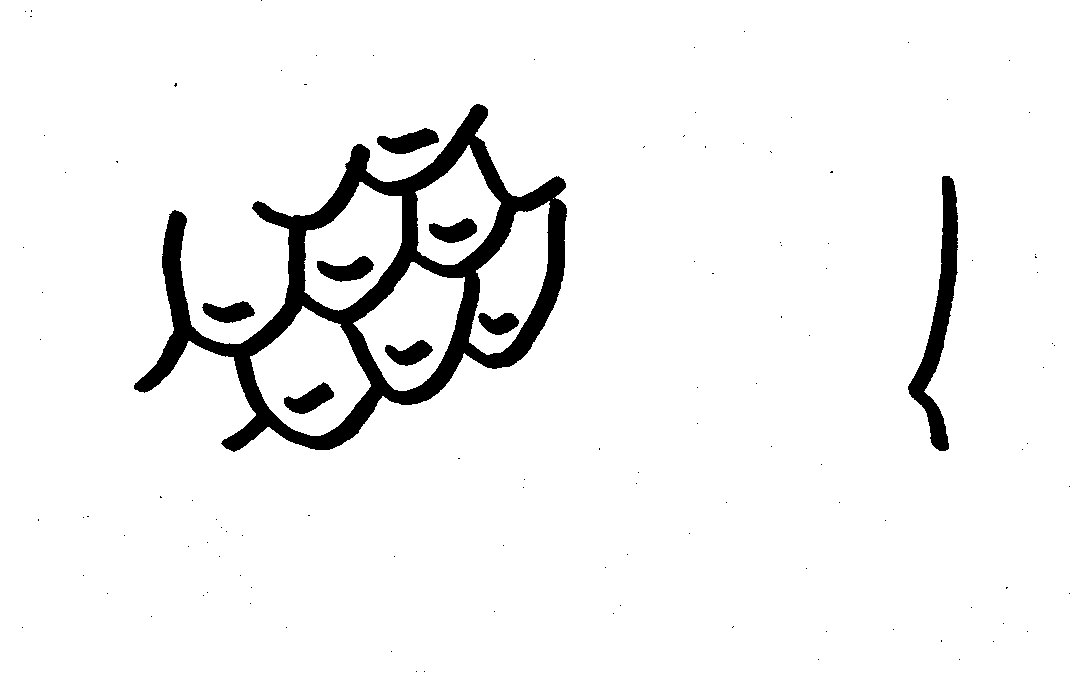
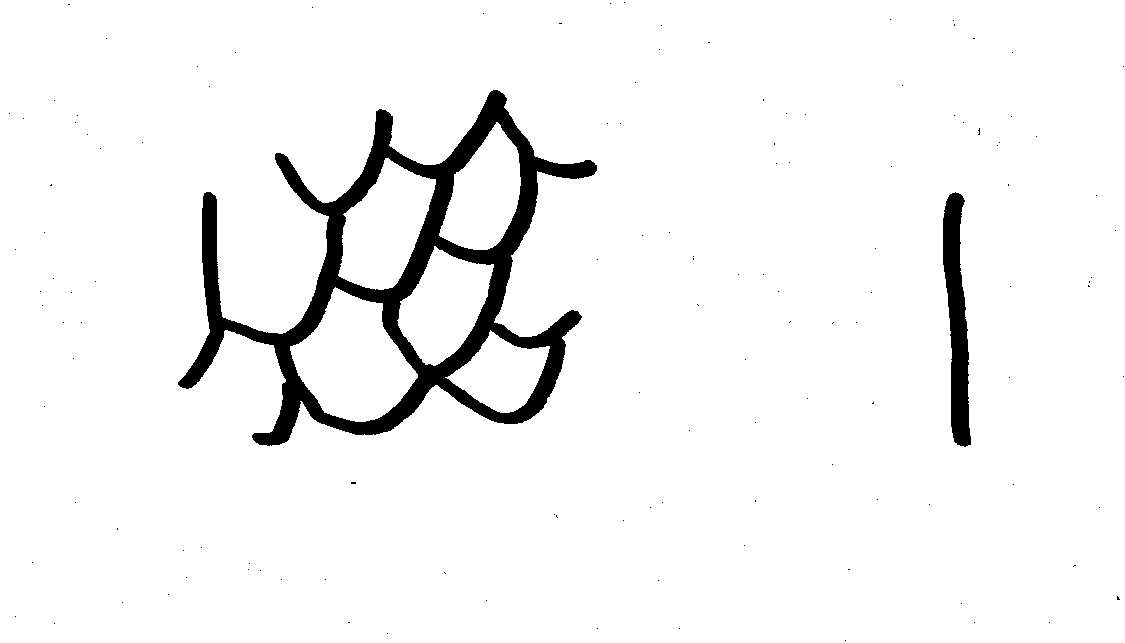
Ad. 33: **Meyve: Yüzey bölünme şekli** *Fruit: segmentation surface*



1 2

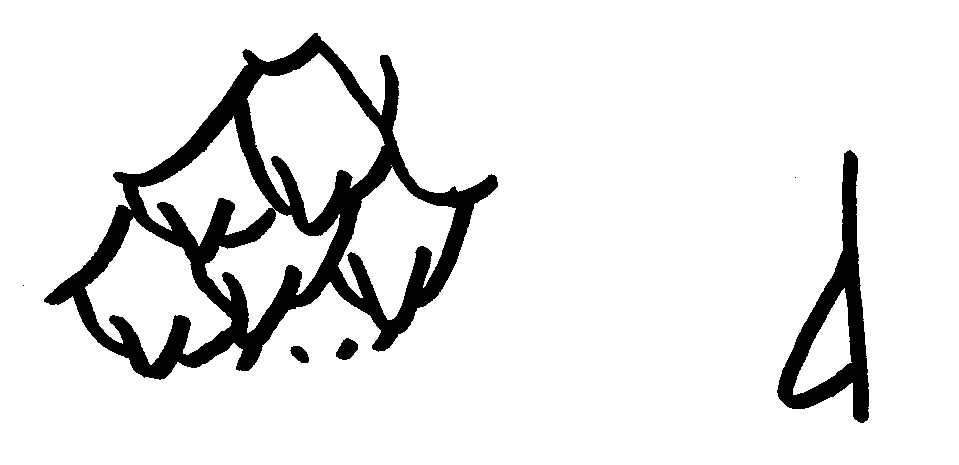
**Gözenekli (içe çökük ağ) şekilde** *reticulate* **Üst üste binmiş (kozalak çeklinde) sekilde** *overlapping*

Ad. 34: **Meyve: Yüzey çıkıntı durumu** *Fruit: protuberances on surface*



1 3

**Yok veya çok küçük** *absent or very small* **Küçük** *small*



5 7

**Orta** *medium* **Geniş** *larg*