***Table 1*** *Durum Wheat Dataset*

|  |  |  |  |
| --- | --- | --- | --- |
| Nr | Durum Wheat Type | Original Data | Augmented DateSet |
| 1 | Altın | 27 | 162 |
| 2 | Altınbaş | 49 | 294 |
| 3 | Altıntoprak | 57 | 342 |
| 4 | Ankara98 | 21 | 126 |
| 5 | Artuklu | 61 | 366 |
| 6 | Ayzer | 60 | 360 |
| 7 | C-1252 | 69 | 414 |
| 8 | Diyarbakir81 | 62 | 372 |
| 9 | Dumlupınar | 43 | 258 |
| 10 | Edesa | 61 | 366 |
| 11 | Ege88 | 55 | 330 |
| 12 | Eker | 66 | 396 |
| 13 | Emniyet | 44 | 264 |
| 14 | Eyyubi | 55 | 330 |
| 15 | Fırat93 | 47 | 282 |
| 16 | Fuatbey2000 | 40 | 240 |
| 17 | Gap | 55 | 330 |
| 18 | Gediz | 46 | 276 |
| 19 | Günberi | 50 | 300 |
| 20 | Gündaş | 74 | 444 |
| 21 | Güvenyıldızı | 57 | 342 |
| 22 | Harran95 | 36 | 216 |
| 23 | Hasanbey | 83 | 498 |
| 24 | İmren | 64 | 384 |
| 25 | Kümbet | 44 | 264 |
| 26 | Kunduru1149 | 51 | 306 |
| 27 | Meram2002 | 136 | 816 |
| 28 | Şahinbey | 51 | 306 |
| 29 | Salih92 | 130 | 780 |
| 30 | Sarıbasak | 43 | 258 |
| 31 | Saricnck98 | 64 | 384 |
| 32 | Selcuklu97 | 67 | 402 |
| 33 | Şölen2002 | 60 | 360 |
| 34 | Sümerli | 44 | 264 |
| 35 | Turabi | 41 | 246 |
| 36 | Turköz | 31 | 186 |
| 37 | Tuten2002 | 37 | 222 |
| 38 | Yaren | 48 | 288 |
| 39 | Yelken | 49 | 294 |
| 40 | Yılmaz | 48 | 288 |
| 41 | Zühre | 62 | 372 |
|  | **SUM** | **2288** | **13728** |