

**1. tabula. Tīrumu, pļavu, ganību un ilggadīgo stādījumu  
augšņu iedalījums grupās pēc organisko vielu satura (%)**

| Organisko vielu saturs | Minerālaugsnes            |          |          |          | Citas augsnes |
|------------------------|---------------------------|----------|----------|----------|---------------|
|                        | Granulometriskais sastāvs |          |          |          |               |
|                        | M                         | sM       | mS       | S        |               |
| Nepietiekams           | <3,0                      | <2,5     | <2,0     | <1,5     | -             |
| Optimāls (pietiekams)  | 3,0-3,5                   | 2,5-3,0  | 2,0-2,5  | 1,5-2,0  | -             |
| Paaugstināts           | 3,6-10,0                  | 3,1-10,0 | 2,6-10,0 | 2,1-10,0 | -             |
| Trūdaina augsne        | -                         | -        | -        | -        | 10,1-20,0     |
| Trūdaini kūdraina      | -                         | -        | -        | -        | 20,1-50,0     |
| Kūdra (K)              | -                         | -        | -        | -        | >50,0         |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**2. tabula. Tīrumu, pļavu, ganību un ilggadīgo stādījumu augšņu  
iedalījums grupās pēc augsnes reakcijas (pH<sub>KCl</sub>)**

| Augsnes reakcija | Organisko vielu saturs (%) |      |         |         |          |         |         |         |         |  |
|------------------|----------------------------|------|---------|---------|----------|---------|---------|---------|---------|--|
|                  | <5,1                       |      |         |         | 5,1-50,0 |         |         |         | >50,0   |  |
|                  | Granulometriskais sastāvs  |      |         |         |          |         |         |         |         |  |
|                  | M                          | sM   | mS      | S       | M        | sM      | mS      | S       | K       |  |
| Normāla          | >6,5                       | >6,3 | >5,8    | >5,5    | >6,2     | >5,9    | >5,6    | >5,3    | >5,0    |  |
| Vāji skāba       | 6,1-6,5                    | 6,3  | 5,6-5,8 | 5,3-5,5 | 5,8-6,2  | 5,6-5,9 | 5,4-5,6 | 5,1-5,3 | 4,9-5,0 |  |
| Vidēji skāba     | 5,7-6,0                    | 5,7  | 5,1-5,5 | 4,9-5,2 | 5,4-5,7  | 5,2-5,5 | 5,0-5,3 | 4,7-5,0 | 4,5-4,8 |  |
| Skāba            | 5,3-5,6                    | 5,3  | 4,6-5,0 | 4,5-4,8 | 5,0-5,3  | 4,8-5,1 | 4,5-4,9 | 4,2-4,6 | 4,0-4,4 |  |
| Stipri skāba     | <5,3                       | <5,0 | <4,6    | <4,5    | <5,0     | <4,8    | <4,5    | <4,2    | <4,0    |  |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**3. tabula. Tīrumu, pļavu un ganību augšņu  
iedalījums grupās pēc kustīgā fosfora satura (P<sub>2</sub>O<sub>5</sub> mg/kg)**

| Saturš<br>augsnē | Organisko vielu saturs (%) |             |             |             |             |             |             |             |                 |             |
|------------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|
|                  | <5,1                       |             |             |             | 5,1-20,0    |             |             |             | 20,1-<br>50,0   | >50,0       |
|                  | Granulometriskais sastāvs  |             |             |             |             |             |             |             |                 |             |
|                  | M                          | sM          | mS          | S           | M           | sM          | mS          | S           | M, sM,<br>mS, S | K           |
| Ļoti zems        | ≤40                        | ≤35         | ≤30         | ≤25         | ≤60         | ≤55         | ≤50         | ≤40         | ≤80             | ≤100        |
| Zems             | 41-<br>80                  | 36-70       | 31-60       | 26-50       | 61-<br>120  | 56-<br>110  | 51-<br>100  | 41-80       | 81-160          | 101-<br>200 |
| Vidējs           | 81-<br>160                 | 71-<br>130  | 61-<br>120  | 51-<br>100  | 121-<br>240 | 111-<br>220 | 101-<br>200 | 81-<br>160  | 161-<br>305     | 201-<br>365 |
| Augsts           | 161-<br>270                | 131-<br>220 | 121-<br>185 | 101-<br>155 | 241-<br>410 | 221-<br>375 | 201-<br>340 | 161-<br>255 | 306-<br>520     | 366-<br>620 |
| Ļoti augsts      | >270                       | >220        | >185        | >155        | >410        | >375        | >340        | >255        | >520            | >620        |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**4. tabula. Ilggadīgo stādījumu augšņu  
iedalījums grupās pēc kustīgā fosfora satura (P<sub>2</sub>O<sub>5</sub> mg/kg)**

| Saturš<br>augsnē | Virskārta                  |             |             |             |             |             |             |                 |               |             |
|------------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|---------------|-------------|
|                  | Organisko vielu saturs (%) |             |             |             |             |             |             |                 |               |             |
|                  | <5,1                       |             |             |             | 5,1-20,0    |             |             |                 | 20,1-<br>50,0 | >50,0       |
|                  | Granulometriskais sastāvs  |             |             |             |             |             |             |                 |               |             |
| M                | sM                         | mS          | S           | M           | sM          | mS          | S           | M, sM,<br>mS, S | K             |             |
| Ļoti zems        | ≤90                        | ≤85         | ≤80         | ≤70         | ≤110        | ≤105        | ≤100        | ≤90             | ≤150          | ≤180        |
| Zems             | 91-<br>130                 | 86-<br>125  | 81-<br>120  | 71-<br>110  | 111-<br>150 | 106-<br>145 | 101-<br>140 | 91-<br>130      | 151-<br>200   | 181-<br>260 |
| Vidējs           | 131-<br>250                | 126-<br>240 | 121-<br>240 | 111-<br>230 | 151-<br>250 | 146-<br>240 | 141-<br>230 | 131-<br>220     | 201-<br>340   | 261-<br>430 |
| Augsts           | 251-<br>350                | 241-<br>345 | 241-<br>341 | 231-<br>330 | 251-<br>450 | 241-<br>430 | 231-<br>410 | 221-<br>380     | 341-<br>530   | 431-<br>770 |
| Ļoti augsts      | >350                       | >345        | >341        | >330        | >450        | >430        | >410        | >380            | >5380         | >770        |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**5. tabula. Tīrumu, pļavu un ganību augšņu iedalījums grupās pēc kustīgā kālija satura (K<sub>2</sub>O mg/kg)**

| Saturu augsnē | Organisko vielu saturs (%) |         |         |         |          |         |         |         |              |         |
|---------------|----------------------------|---------|---------|---------|----------|---------|---------|---------|--------------|---------|
|               | <5,1                       |         |         |         | 5,1-20,0 |         |         |         | 20,1-50,0    | >50,0   |
|               | Granulometriskais sastāvs  |         |         |         |          |         |         |         |              |         |
|               | M                          | sM      | mS      | S       | M        | sM      | mS      | S       | M, sM, mS, S | K       |
| Ļoti zems     | ≤50                        | ≤45     | ≤40     | ≤30     | ≤75      | ≤70     | ≤65     | ≤55     | ≤105         | ≤125    |
| Zems          | 51-100                     | 46-90   | 41-80   | 31-60   | 76-150   | 71-140  | 66-130  | 56-110  | 106-205      | 126-250 |
|               | 101-200                    | 91-180  | 81-160  | 61-120  | 151-300  | 141-280 | 131-260 | 111-220 | 206-410      | 251-500 |
| Vidējs        | 201-340                    | 181-305 | 161-270 | 121-205 | 301-450  | 281-420 | 261-390 | 221-330 | 411-700      | 501-840 |
|               | >340                       | >305    | >270    | >205    | >450     | >420    | >390    | >330    | >700         | >840    |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**6. tabula. Ilggadīgo stādījumu augšņu iedalījums grupās pēc kustīgā kālija satura (K<sub>2</sub>O mg/kg)**

| Saturu augsnē | Virskārta                  |         |         |         |          |         |         |              |           |         |
|---------------|----------------------------|---------|---------|---------|----------|---------|---------|--------------|-----------|---------|
|               | Organisko vielu saturs (%) |         |         |         |          |         |         |              |           |         |
|               | <5,1                       |         |         |         | 5,1-20,0 |         |         |              | 20,1-50,0 | >50,0   |
|               | Granulometriskais sastāvs  |         |         |         |          |         |         |              |           |         |
| M             | sM                         | mS      | S       | M       | sM       | mS      | S       | M, sM, mS, S | K         |         |
| Ļoti zems     | ≤110                       | ≤105    | ≤100    | ≤90     | ≤135     | ≤130    | ≤125    | ≤115         | ≤185      | ≤230    |
| Zems          | 111-170                    | 106-165 | 101-160 | 91-150  | 136-210  | 131-200 | 126-180 | 116-170      | 186-285   | 231-355 |
|               | 171-260                    | 166-255 | 161-250 | 151-240 | 211-360  | 201-340 | 181-310 | 171-280      | 286-490   | 356-605 |
| Vidējs        | 261-360                    | 256-335 | 251-350 | 241-340 | 361-450  | 341-430 | 311-400 | 281-370      | 491-620   | 606-765 |
|               | >360                       | >335    | >350    | >340    | >450     | >430    | >400    | >370         | >620      | >765    |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**7. tabula. Tīrumu, pļavu un ganību augšņu  
iedalījums grupās pēc apmaiņas magnija satura ( $Mg^{2+}$ , mg/kg), DL metode**

| Saturš<br>augsnē | Organisko vielu saturs (%) |             |             |            |             |             |             |             |                 |             |
|------------------|----------------------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-----------------|-------------|
|                  | <5,1                       |             |             |            | 5,1-20,0    |             |             |             | 20,1-<br>50,0   | >50,0       |
|                  | Granulometriskais sastāvs  |             |             |            |             |             |             |             |                 |             |
|                  | M                          | sM          | mS          | S          | M           | sM          | mS          | S           | M, sM,<br>mS, S | K           |
| Zems             | <160                       | <140        | <110        | <90        | <240        | <200        | <160        | <130        | <320            | <380        |
| Vidējs           | 160-<br>270                | 140-<br>240 | 110-<br>180 | 90-<br>150 | 240-<br>360 | 200-<br>300 | 160-<br>240 | 130-<br>190 | 320-<br>460     | 380-<br>510 |
| Augsts           | >270                       | >240        | >180        | >150       | >360        | >300        | >240        | >190        | >460            | >510        |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**8. tabula. Ilggadīgo stādījumu augšņu  
iedalījums grupās pēc apmaiņas magnija satura ( $Mg^{2+}$ , mg/kg), DL metode**

| Saturš<br>augsnē | Organisko vielu saturs (%) |             |             |             |             |             |             |             |                 |             |
|------------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|
|                  | <5,1                       |             |             |             | 5,1-20,0    |             |             |             | 20,1-<br>50,0   | >50,0       |
|                  | Granulometriskais sastāvs  |             |             |             |             |             |             |             |                 |             |
|                  | M                          | sM          | mS          | S           | M           | sM          | mS          | S           | M, sM,<br>mS, S | K           |
| Zems             | <260                       | <250        | <230        | <210        | <380        | <365        | <330        | <300        | <580            | <690        |
| Vidējs           | 260-<br>370                | 250-<br>340 | 230-<br>310 | 210-<br>290 | 380-<br>490 | 365-<br>450 | 330-<br>410 | 300-<br>370 | 580-<br>690     | 690-<br>760 |
| Augsts           | >370                       | >340        | >310        | >290        | >490        | >450        | >410        | >370        | >690            | >760        |

M- māls, sM- smilšmāls, mS- mālsmilts, S- smilts

**9. tabula. Augšņu iedalījums grupās  
pēc apmaiņas kalcija satura (Ca<sup>2+</sup>, mg/kg), 1M KCl izvilkumā**

| Kalcija saturs | Organisko vielu saturs (%) |           |           |           |
|----------------|----------------------------|-----------|-----------|-----------|
|                | <5,0                       | 5,1-20,0  | 20,1-50,0 | >50,0     |
| Zems           | <1000                      | <1500     | <2500     | <3000     |
| Vidējs         | 1000-1500                  | 1500-2250 | 2500-3750 | 3000-4500 |
| Augsts         | >1500                      | >2250     | >3750     | >4500     |

**10. tabula. Augšņu iedalījums grupās pēc sēra satura, 1M KCl izvilkumā**

| Sēra saturs | Organisko vielu saturs (%) |            |             |             |
|-------------|----------------------------|------------|-------------|-------------|
|             | <5,0                       | 5,1-20,0   | 20,1-50,0   | >50,0       |
| Zems        | <6,0                       | <9,0       | <15         | <18,0       |
| Vidējs      | 6,0 – 10,0                 | 9,0 – 15,0 | 15,0 – 25,0 | 18,0 – 30,0 |
| Augsts      | >10                        | >15,0      | >25,0       | >30,0       |

**11. tabula. Augšņu iedalījums grupās pēc bora satura, H<sub>2</sub>O izvilkumā**

| Satura grupa | Māls, smilšmāls            |          | Mālsmilts, smilts, grants |          | Organiskām vielām bagātas augsnes | Kūdra   |
|--------------|----------------------------|----------|---------------------------|----------|-----------------------------------|---------|
|              | Organisko vielu saturs (%) |          |                           |          |                                   |         |
|              | līdz 5,0                   | 5,1-20,0 | līdz 5,0                  | 5,1-20,0 | 20,1-50,0                         | >50,0   |
|              | mg kg <sup>-1</sup>        |          |                           |          |                                   |         |
| Zems         | <0,6                       | <0,9     | <0,3                      | <0,45    | <1,1                              | <1,6    |
| Vidējs       | 0,6-1,2                    | 0,9-1,8  | 0,3-0,6                   | 0,45-0,9 | 1,1-2,2                           | 1,6-3,2 |
| Augsts       | >1,2                       | >1,8     | >0,6                      | >0,9     | >2,2                              | >3,2    |

**12. tabula. Augšņu iedalījums grupās pēc vara satura, EDTA metode**

| Satura grupa | Māls, smilšmāls            |          | Mālsmilts, smilts, grants |          | Organiskām vielām bagātas augsnes | Kūdra   |
|--------------|----------------------------|----------|---------------------------|----------|-----------------------------------|---------|
|              | Organisko vielu saturs (%) |          |                           |          |                                   |         |
|              | līdz 5,0                   | 5,1-20,0 | līdz 5,0                  | 5,1-20,0 | 20,1-50,0                         | >50,0   |
|              | mg kg <sup>-1</sup>        |          |                           |          |                                   |         |
| Zems         | <1,5                       | <2,0     | <1,0                      | <1,5     | <3,0                              | <4,5    |
| Vidējs       | 1,5-3,0                    | 2,0-4,5  | 1,0-2,0                   | 1,5-3,0  | 3,0-6,0                           | 4,5-8,5 |
| Augsts       | >3,0                       | >4,5     | >2,0                      | >3,0     | >6,0                              | >8,5    |

**13. tabula. Augšņu iedalījums grupās  
pēc mikroelementa cinka satura, EDTA metode**

| Satura grupa | pH<br>KCl | Māls, smilšmāls            |          | Mālsmilts, smilts, grants |          | Organiskām vielām bagātas augsnes | Kūdra    |
|--------------|-----------|----------------------------|----------|---------------------------|----------|-----------------------------------|----------|
|              |           | Organisko vielu saturs (%) |          |                           |          |                                   |          |
|              |           | līdz 5,0                   | 5,1-20,0 | līdz 5,0                  | 5,1-20,0 | 20,1-50,0                         | >50,0    |
|              |           | mg kg <sup>-1</sup>        |          |                           |          |                                   |          |
| Zems         | <6,0      | <1,5                       | <2,5     | <1,0                      | <1,5     | <3,0                              | <4,5     |
|              | >6,0      | <2,5                       | <4,0     | <2,0                      | <3,0     | <5,5                              | <8,0     |
| Vidējs       | <6,0      | 1,5-4,0                    | 2,5-6,0  | 1,0-3,0                   | 1,5-4,5  | 3,0-9,0                           | 4,5-12,0 |
|              | >6,0      | 2,5-5,0                    | 4,0-7,5  | 2,0-4,0                   | 3,0-6,0  | 5,5-11,5                          | 8,0-15,5 |
| Augsts       | <6,0      | >4,0                       | >6,0     | >3,0                      | >4,5     | >9,0                              | >12,0    |
|              | >6,0      | >5,0                       | >7,5     | >4,0                      | >6,0     | >11,5                             | >15,5    |

**14. tabula. Augšņu iedalījums grupās  
pēc mikroelementa mangāna satura, EDTA metode**

| Satura grupa | pH<br>KCl | Māls, smilšmāls            |          | Mālsmilts, smilts, grants |          | Organiskām vielām bagātas augsnes | Kūdra   |
|--------------|-----------|----------------------------|----------|---------------------------|----------|-----------------------------------|---------|
|              |           | Organisko vielu saturs (%) |          |                           |          |                                   |         |
|              |           | līdz 5,0                   | 5,1-20,0 | līdz 5,0                  | 5,1-20,0 | 20,1-50,0                         | >50,0   |
|              |           | mg kg <sup>-1</sup>        |          |                           |          |                                   |         |
| Zems         | <6,0      | <20                        | <30      | <15                       | <25      | <45                               | <45     |
|              | >6,0      | <40                        | <60      | <30                       | <45      | <85                               | <120    |
| Vidējs       | <6,0      | 20-40                      | 30-60    | 15-30                     | 25-50    | 45-90                             | 45-90   |
|              | >6,0      | 40-80                      | 60-120   | 30-60                     | 45-90    | 85-170                            | 120-240 |
| Augsts       | <6,0      | >40                        | >60      | >30                       | >50      | >90                               | >90     |
|              | >6,0      | >80                        | >120     | >60                       | >90      | >170                              | >240    |