

| Scientific Name                                      | Common Name                | Average 1000 Seed Weight (g) | Average Number Seeds per Pound |
|--|----------------------------|------------------------------|--------------------------------|
| <i>Achnatherum hymenoides</i>                        | Indian ricegrass           | 3.530                        | 128,482                        |
| <i>Achnatherum speciosum</i>                         | Desert needlegrass         | 2.850                        | 159,354                        |
| <i>Achnatherum thurberianum</i>                      | Thurber's needlegrass      | 3.060                        | 148,203                        |
| <i>Agoseris aurantiaca</i>                           | Orange agoseris            | 1.488                        | 304,772                        |
| <i>Agoseris glauca</i>                               | Pale agoseris              | 1.530                        | 296,405                        |
| <i>Agoseris grandiflora</i>                          | Bigflower agoseris         | 1.210                        | 374,793                        |
| <i>Agoseris heterophylla</i>                         | Annual agoseris            | 0.730                        | 621,233                        |
| <i>Agropyron cristatum</i>                           | Crested wheatgrass         | 1.900                        | 238,684                        |
| <i>Allium acuminatum</i>                             | Tapertip onion             | 2.300                        | 197,174                        |
| <i>Antennaria microphylla</i>                        | Rosy pussytoes             | 0.113                        | 4,000,000                      |
| <i>Artemisia tridentata</i> ssp. <i>wyomingensis</i> | Wyoming big sagebrush      | 0.173                        | 2,614,132                      |
| <i>Aster scopulorum</i>                              | Lava aster                 | 0.360                        | 1,259,722                      |
| <i>Astragalus eremiticus</i>                         | Hermit milkvetch           | 2.931                        | 154,725                        |
| <i>Astragalus filipes</i>                            | Threadstalk milkvetch      | 4.540                        | 99,890                         |
| <i>Astragalus lentiginosus</i>                       | Freckled milkvetch         | 5.490                        | 82,605                         |
| <i>Astragalus purshii</i>                            | Woollypod milkvetch        | 5.800                        | 78,190                         |
| <i>Astragalus utahensis</i>                          | Utah milkvetch             | 3.023                        | 150,000                        |
| <i>Atriplex canescens</i>                            | Fourwing saltbush          | 5.676                        | 79,904                         |
| <i>Atriplex confertifolia</i>                        | Shadscale                  | 7.625                        | 59,474                         |
| <i>Atriplex torreyi</i>                              | Torrey's saltbush          | 0.570                        | 795,614                        |
| <i>Balsamorhiza hookeri</i>                          | Hooker's balsamroot        | 5.730                        | 79,145                         |
| <i>Balsamorhiza sagittata</i>                        | Arrowleaf balsamroot       | 8.246                        | 55,000                         |
| <i>Bromus carinatus</i>                              | California brome           | 6.620                        | 68,505                         |
| <i>Bromus marginatus</i>                             | Mountain brome             | 10.420                       | 43,522                         |
| <i>Calochortus gunnisonii</i>                        | Gunnison's mariposa lily   | 2.729                        | 166,164                        |
| <i>Calochortus macrocarpus</i>                       | Green-banded star tulip    | 2.240                        | 202,455                        |
| <i>Calochortus nuttallii</i>                         | Sego lily                  | 3.090                        | 146,764                        |
| <i>Castilleja applegatei</i>                         | Wavyleaf Indian paintbrush | 0.240                        | 1,889,583                      |
| <i>Chaenactis douglasii</i>                          | Douglas' dusty maiden      | 1.296                        | 451,500                        |
| <i>Chrysothamnus nauseosus</i>                       | Gray rabbitbrush           | 0.513                        | 883,484                        |
| <i>Cleome lutea</i>                                  | Yellow spiderflower        | 3.100                        | 146,290                        |
| <i>Cleome serrulata</i>                              | Rocky Mountain Beeplant    | 6.100                        | 74,344                         |
| <i>Collinsia parviflora</i>                          | Blue-eyed Mary             | 2.000                        | 226,750                        |
| <i>Collomia linearis</i>                             | Narrowleaf collomia        | 1.450                        | 312,759                        |
| <i>Crepis acuminata</i>                              | Longflower hawksbeard      | 5.280                        | 85,890                         |
| <i>Crepis occidentalis</i>                           | Tapertip hawksbeard        | 4.200                        | 107,976                        |
| <i>Dalea ornata</i>                                  | Western prairie clover     | 3.232                        | 140,297                        |
| <i>Elymus elymoides</i>                              | Squirreltail grass         | 3.500                        | 129,571                        |
| <i>Elymus multisetus</i>                             | Big squirreltail grass     | 4.128                        | 109,868                        |
| <i>Elymus wawawaiensis</i>                           | Snake River wheatgrass     | 2.668                        | 170,000                        |
| <i>Erigeron linearis</i>                             | Desert yellow fleabane     | 0.470                        | 964,894                        |
| <i>Erigeron pumilus</i>                              | Shaggy fleabane            | 0.130                        | 3,488,462                      |
| <i>Eriogonum cernuum</i>                             | Nodding buckwheat          | 0.580                        | 781,897                        |
| <i>Eriogonum heracleoides</i>                        | Parsnipflower buckwheat    | 3.780                        | 119,974                        |
| <i>Eriogonum ovalifolium</i>                         | Cushion buckwheat          | 1.020                        | 285,549                        |
| <i>Eriogonum umbellatum</i>                          | Sulphur flower buckwheat   | 2.370                        | 191,350                        |
| <i>Eriogonum vimineum</i>                            | Annual buckwheat           | 0.586                        | 773,891                        |
| <i>Hedysarum boreale</i>                             | Boreal sweetvetch          | 5.800                        | 78,190                         |
| <i>Heliomeris multiflora</i>                         | Showy goldeneye            | 0.800                        | 566,875                        |
| <i>Hesperostipa comata</i>                           | Needle and thread grass    | 3.732                        | 121,517                        |
| <i>Krascheninnikovia lanata</i>                      | Winterfat                  | 3.200                        | 141,719                        |
| <i>Leymus cinereus</i>                               | Basin wildrye              | 1.356                        | 334,440                        |
| <i>Leymus triticoides</i>                            | Beardless wildrye          | 2.964                        | 152,998                        |
| <i>Linum lewisii</i>                                 | Lewis flax                 | 3.130                        | 144,888                        |

|                                     |                            |        |           |
|-------------------------------------|----------------------------|--------|-----------|
| <i>Linum perenne</i>                | Blue flax                  | 2.100  | 215,952   |
| <i>Lomatium dissectum</i>           | Fernleaf biscuitroot       | 19.290 | 23,510    |
| <i>Lomatium grayi</i>               | Gray's biscuitroot         | 15.770 | 28,757    |
| <i>Lomatium macrocarpum</i>         | Bigseed biscuitroot        | 9.200  | 49,293    |
| <i>Lomatium nudicaule</i>           | Barestem biscuitroot       | 8.232  | 55,090    |
| <i>Lomatium nuttallii</i>           | Nuttall's desert parsley   | 3.820  | 118,717   |
| <i>Lomatium triternatum</i>         | Nineleaf biscuitroot       | 8.970  | 50,557    |
| <i>Lupinus arbustus</i>             | Longspur lupine            | 28.000 | 16,196    |
| <i>Lupinus argenteus</i>            | Silvery lupine             | 24.680 | 18,375    |
| <i>Lupinus caudatus</i>             | Tailcup lupine             | 18.140 | 25,000    |
| <i>Lupinus polyphyllus</i>          | Bigleaf lupine             | 6.479  | 70,000    |
| <i>Lupinus sericeus</i>             | Silky lupine               | 22.250 | 20,382    |
| <i>Macheraanthera canescens</i>     | Hoary tansy aster          | 0.870  | 521,264   |
| <i>Microsteris nutans</i>           | Nodding mircoseris         | 1.240  | 365,726   |
| <i>Microsteris gracilis</i>         | Slender phlox              | 1.110  | 408,559   |
| <i>Nassella viridula</i>            | Green needlegrass          | 3.680  | 123,234   |
| <i>Pascopyrum smithii</i>           | Western wheatgrass         | 3.779  | 120,000   |
| <i>Penstemon acuminatus</i>         | Sharpleaf penstemon        | 1.080  | 419,907   |
| <i>Penstemon cyaneus</i>            | Blue penstemon             | 1.080  | 419,907   |
| <i>Penstemon deustus</i>            | Scabland penstemon         | 0.180  | 2,519,444 |
| <i>Penstemon humilis</i>            | Low beardtongue            | 0.579  | 783,000   |
| <i>Penstemon pachyphyllus</i>       | Thickleaf beardtongue      | 3.080  | 147,240   |
| <i>Penstemon palmeri</i>            | Palmer's penstemon         | 1.256  | 361,067   |
| <i>Penstemon rostriflorus</i>       | Bridge penstemon           | 0.590  | 768,644   |
| <i>Penstemon speciosus</i>          | Royal penstemon            | 1.850  | 245,135   |
| <i>Penstemon spectabilis</i>        | Showy penstemon            | 1.500  | 302,333   |
| <i>Perideridia bolanderi</i>        | Yampah                     | 1.730  | 262,139   |
| <i>Phlox hoodii</i>                 | Hood's phlox               | 1.000  | 453,500   |
| <i>Phlox longifolia</i>             | Longleaf phlox             | 2.458  | 184,500   |
| <i>Poa fendleriana</i>              | Muttongrass                | 0.740  | 612,838   |
| <i>Poa secunda</i>                  | Sandberg's bluegrass       | 0.500  | 907,000   |
| <i>Pseudoroegneria spicata</i>      | Bluebunch wheatgrass       | 3.225  | 185,000   |
| <i>Purshia tridentata</i>           | Bitterbrush                | 21.715 | 20,884    |
| <i>Sparganium eurycarpum</i>        | Broadfruit bur-reed        | 9.731  | 46,600    |
| <i>Sphaeralcea coccinea</i>         | Scarlet globemallow        | 3.300  | 137,424   |
| <i>Sphaeralcea grossulariifolia</i> | Gooseberryleaf globemallow | 2.180  | 208,028   |
| <i>Sphaeralcea munroana</i>         | Munro's globemallow        | 1.340  | 338,433   |
| <i>Sphaeralcea parvifolia</i>       | Small flower globemallow   | 0.790  | 574,051   |
| <i>Tragopogon dubius</i>            | Yellow salsify             | 8.000  | 56,688    |
| <i>Trifolium macrocephalum</i>      | Largehead clover           | 7.070  | 64,144    |
| <i>Trifolium variegatum</i>         | Whitewtip clover           | 1.526  | 297,182   |
| <i>Vicia americana</i>              | American vetch             | 9.774  | 46,399    |
| <i>Wyethia amplexicaulis</i>        | Mule ears                  | 14.890 | 30,457    |

#### References

[http://www.dot.ca.gov/hq/LandArch/ec/hydroseed/commonly\\_used\\_species.htm](http://www.dot.ca.gov/hq/LandArch/ec/hydroseed/commonly_used_species.htm)

<http://www.westernnativeseed.com/wildflowersinfo.html>

<http://data.kew.org/sid/weight.html>

"In House" List (USFS, Rocky Mountain Research Station, Boise, ID)

Calculated "In House" from knowns