





Supplying QUALITY Seed  
with INTEGRITY Since 1945

# PASTURE & RECLAMATION GRASS SPECIES


**Selection Guide & Seeding  
Recommendations**

|  |   | HEIGHT (IN) | NATIVE VS INTRODUCED | COOL VS WARM | GROWTH HABIT | SEEDING RATE PLS#/ACRE | SEED/LB   | GERMINATION (IN DAYS) | FORAGE VALUE (PALATABILITY) | ALKALI/SALT TOLERANCE | ACIDITY TOLERANCE | HIGH WATER TOLERANCE | SANDY SOILS | SILTY SOILS | CLAYEY SOILS |
|--|---|-------------|----------------------|--------------|--------------|------------------------|-----------|-----------------------|-----------------------------|-----------------------|-------------------|----------------------|-------------|-------------|--------------|
| SPECIES  | VARIETIES   |             |                      |              |              |                        |           |                       |                             |                       |                   |                      |             |             |              |
| Alkali Sacaton   | Salado  | 24 - 42     | Native               | Warm         | Bunch        | 1 - 2                  | 1,750,000 | 7 - 10                | 3                           | 1                     | 3                 | 1                    | 1           | 1           | 1            |
| Alkaligrass  | Fults, Fults II   | 12 - 18     | Native               | Cool         | Bunch        | 3 - 4                  | 2,000,000 | 10 - 14               | 3                           | 1                     | 2 - 3             | 1                    | 2           | 1           | 1            |
| Alpine Bluegrass   |   | 8 - 24      | Native               | Cool         | Bunch        | 1 - 2                  | 1,069,921 | 7 - 21                | 2                           | 3                     | 2                 | 3                    | 1           | 2           | 1            |
| Alpine Timothy   |   | 6 - 24      | Native               | Cool         | Bunch/Sod    | 1 - 2                  | 1,044,689 | 7 - 10                | 1                           | 3                     | 2                 | 3                    | 3           | 1           | 2            |
| Altai Wildrye  |   | 24 - 48     | Introduced           | Cool         | Bunch        | 15 - 20                | 58,300    | 7 - 21                | 1                           | 1                     | 2                 | 3                    | 1           | 1           | 1            |
| Annual Ryegrass  | Gulf, Graze-n-Gro, Max, Striker                                       | 10 - 36     | Introduced           | Cool         | Annual       | 8 - 16                 | 227,000   | 4 - 7                 | 1 - 2                       | 2                     | 1 - 2             | 3                    | 3           | 1           | 1            |
| Arizona Fescue   | Redondo   | 12 - 36     | Native               | Cool         | Bunch        | 3 - 5                  | 480,500   | 14 - 21               | 2                           | 2                     | 2                 | 3                    | 3           | 1           | 1            |
| Beardless Bluebunch Wheatgrass   | Whitmar   | 12 - 30     | Native               | Cool         | Sod          | 5 - 10                 | 150,000   | 14 - 21               | 1                           | 2                     | 2                 | 3                    | 2           | 1           | 1            |
| Beardless Wildrye  | Shoshone  | 20 - 40     | Native               | Cool         | Sod          | 5 - 7                  | 170,304   | 21 - 28               | 2                           | 1                     | 2 - 3             | 1                    | 2           | 1           | 1            |
| Big Bluegrass  | Sherman   | 24 - 48     | Native               | Cool         | Bunch        | 3 - 5                  | 910,000   | 14 - 21               | 1                           | 3                     | 2                 | 2                    | 1           | 1           | 1            |
| Big Bluestem   | Bison, Bonilla, Champ, Kaw, Pawnee                                    | 72 - 96     | Native               | Warm         | Bunch/Sod    | 5 - 8                  | 144,240   | 14 - 21               | 1                           | 2                     | 2 - 3             | 2                    | 2           | 1           | 1            |
| Blue Grama   | Alma, Bad River, Hachita, Lovington                                   | 10 - 20     | Native               | Warm         | Bunch/Sod    | 3 - 5                  | 724,400   | 7 - 10                | 1                           | 2                     | 3                 | 3                    | 1           | 1           | 1            |
| Blue Wildrye   | Arlington, Elkton   | 20 - 60     | Native               | Cool         | Bunch        | 12                     | 134,500   | 6 - 10                | 3                           | 2                     | 2                 | 3                    | 1           | 1           | 1            |
| Bluebunch Wheatgrass   | Anatone, Goldar, P-7, Secar   | 18 - 48     | Native               | Cool         | Bunch        | 5 - 10                 | 125,680   | 14 - 21               | 1                           | 2                     | 2                 | 3                    | 2           | 1           | 1            |
| Bottlebrush Squirreltail   | Sand Hollow   | 4 - 25      | Native               | Cool         | Bunch        | 7 - 12                 | 192,000   | 10 - 14               | 2 - 3                       | 2                     | 2 - 3             | 3                    | 1 - 2       | 1 - 2       | 1 - 2        |
| Buffalograss   | Sharps Improved II, Texoka, Cody, Bowie, Topgun, Bison, Sharp Shooter | 10 - 12     | Native               | Warm         | Sod          | 10 - 15                | 45,000    | 14 - 21               | 1                           | 2                     | 3                 | 3                    | 2           | 1           | 1            |
| Canada Bluegrass   | Canon, Reubens, Talon   | 8 - 24      | Introduced           | Cool         | Bunch/Sod    | 3 - 5                  | 2,392,820 | 14 - 21               | 2                           | 2                     | 1 - 2             | 2                    | 2           | 1           | 2            |
| Canada Wildrye   | Mandan  | 24 - 48     | Native               | Cool         | Bunch        | 11 - 15                | 114,000   | 7 - 21                | 2                           | 2                     | 2                 | 3                    | 1           | 1           | 1            |
| Canby Bluegrass  | Canbar  | 8 - 16      | Native               | Cool         | Bunch        | 3 - 5                  | 925,000   | 14 - 21               | 1                           | 2                     | 2                 | 2                    | 1           | 1           | 1            |
| Columbia Needlegrass   |   | 6 - 24      | Native               | Cool         | Bunch        | 6 - 8                  | 150,000   | 7 - 28                | 2                           | 2                     | 2                 | 3                    | 1           | 1           | 1            |
| Creeping Meadow Foxtail  | Garrison  | 12 - 24     | Introduced           | Cool         | Sod          | 3 - 5                  | 786,064   | 10 - 14               | 1                           | 2                     | 1                 | 1                    | 3           | 1           | 2            |
| Crested Wheatgrass   | Douglas, Ephraim, Fairway, Hycrest, Kirk, Parkway, Roadcrest, Ruff    | 12 - 36     | Introduced           | Cool         | Bunch        | 5 - 10                 | 311,200   | 14 - 21               | 1 - 2                       | 2                     | 2                 | 2 - 3                | 2           | 1           | 1            |
| Dahurian Wildrye   |   | 12 - 60     | Introduced           | Cool         | Bunch        | 10 - 15                | 80,000    | 7 - 21                | 1                           | 2 - 3                 | 2 - 3             | 3                    | 1 - 2       | 1 - 2       | 1 - 2        |
| Festulolium  | Spring Green, Duo   | 20 - 48     | Introduced           | Cool         | Bunch        | 15 - 18                | 150,000   | 7 - 14                | 1 - 2                       | 2                     | 1 - 2             | 3                    | 3           | 1           | 1            |
| Fowl Bluegrass   |   | 12 - 24     | Introduced           | Cool         | Bunch/Sod    | 1 - 3                  | 1,900,000 | 7 - 21                | 3                           | 3                     | 1 - 2             | 3                    | 3           | 1           | 1            |
| Galleta Grass  | Viva  | 3 - 20      | Native               | Warm         | Sod          | 5 - 8                  | 151,850   | 10 - 14               | 1                           | 2                     | 2                 | 3                    | 1           | 1           | 1            |
| Great Basin Wildrye  | Magnar, Trailhead   | 36 - 72     | Native               | Cool         | Bunch        | 5 - 7                  | 130,000   | 21 - 28               | 1 - 2                       | 1                     | 2                 | 3                    | 1           | 1           | 1            |
| Green Needlegrass  | Lodorm  | 18 - 36     | Native               | Cool         | Bunch        | 5 - 8                  | 167,840   | 21 - 28               | 2                           | 2                     | 2                 | 1 - 2                | 2           | 2           | 1            |



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|--|--|-------------|----------------------|--------------|--------------|------------------------|-----------|-----------------------|-----------------------------|-----------------------|-------------------|----------------------|-------------|-------------|--------------|
| SPECIES  | VARIETIES  |             |                      |              |              |                        |           |                       |                             |                       |                   |                      |             |             |              |
| Green Sprangletop  |  | 24 - 42     | Introduced           | Warm         | Bunch        | 3 - 5                  | 538,000   | 7 - 21                | 1                           | 3                     | 2                 | 1                    | 1           | 1           | 1            |
| Hard Fescue  | Durar  | 4 - 6       | Introduced           | Cool         | Bunch        | 3 - 5                  | 600,000   | 10 - 14               | 3                           | 3                     | 1 - 2             | 3                    | 2           | 1           | 1            |
| Idaho Fescue   | Winchester, Joseph   | 12 - 36     | Native               | Cool         | Bunch        | 3 - 6                  | 450,000   | 8 - 10                | 1                           | 1                     | 2                 | 2 - 3                | 1           | 1           | 1            |
| Indian Ricegrass   | Nezpar, Paloma, Rimrock  | 8 - 30      | Native               | Cool         | Bunch        | 4 - 6                  | 161,920   | 40 - 60               | 1                           | 3                     | 2                 | 3                    | 1           | 1           | 3            |
| Indiangrass  | Cheyenne, Holt, Tomahawk, Llano, Osage   | 36 - 60     | Native               | Warm         | - Bunch      | 5 - 8                  | 174,720   | 21 - 28               | 1                           | 2 - 3                 | 2 - 3             | 2                    | 2           | 1           | 2            |
| Intermediate Ryegrass  | Bison  | 18 - 36     | Introduced           | Cool         | Bunch        | 15 - 18                | 153,280   | 7 - 14                | 1                           | 2                     | 1 - 2             | 3                    | 3           | 1           | 1            |
| Intermediate Wheatgrass  | Oahe   | 36 - 48     | Introduced           | Cool         | Sod          | 7 - 10                 | 80,080    | 21 - 28               | 1                           | 2                     | 2                 | 2                    | 1           | 1           | 1            |
| Kentucky Bluegrass   | Troy, Ginger   | 18 - 24     | Introduced           | Cool         | Sod          | 2 - 4                  | 1,389,840 | 14 - 21               | 1                           | 2 - 3                 | 2 - 3             | 2                    | 2           | 1           | 2            |
| Letterman Needlegrass  |  | 6 - 24      | Native               | Cool         | Bunch        | 8 - 12                 | 150,000   | 21 - 28               | 1                           | 3                     | 2 - 3             | 3                    | 1           | 3           | 1            |
| Little Bluestem  | Aldous, Camper, Blaze, Pastura, Cimarron   | 20 - 60     | Native               | Warm         | Bunch        | 4 - 6                  | 240,670   | 21 - 28               | 2                           | 2                     | 2                 | 3                    | 1           | 1           | 1            |
| Mammoth Wildrye  | Volga  | 24 - 48     | Introduced           | Cool         | Sod          | 8 - 15                 | 100,000   | 7 - 21                | 3                           | 2                     | 3                 | 3                    | 1           | 3           | 3            |
| Meadow Brome   | Paddock, Regar, Fleet, Montana   | 24 - 72     | Introduced           | Cool         | Bunch        | 8 - 12                 | 86,875    | 10 - 14               | 1                           | 2                     | 2                 | 2                    | 2           | 1           | 1            |
| Meadow Fescue  |  | 6 - 12      | Introduced           | Cool         | Bunch        | 10 - 15                | 230,000   | 10 - 14               | 2                           | 2                     | 2                 | 2                    | 2           | 1           | 1            |
| Mountain Brome   | Bromar, Garnet   | 36 - 48     | Native               | Cool         | Bunch        | 10 - 15                | 64,080    | 10 - 14               | 1                           | 2                     | 2                 | 2                    | 2           | 1           | 1            |
| Muttongrass  |  | 12 - 24     | Native               | Cool         | Bunch        | 2 - 3                  | 2,000,000 | 7 - 28                | 1 - 2                       | 2                     | 2 - 3             | 3                    | 1           | 3           | 1            |
| Needle & Thread Grass  |  | 12 - 36     | Native               | Cool         | Bunch        | 7 - 10                 | 137,857   | 14 - 21               | 3                           | 2                     | 2                 | 3                    | 1           | 1           | 2            |
| Newhy Hybrid Wheatgrass  |  | 12 - 24     | Introduced           | Cool         | Sod          | 12 - 14                | 122,000   | 7 - 14                | 1 - 2                       | 1                     | 3                 | 3                    | 1           | 2           | 2            |
| Nodding Brome  |  | 6 - 12      | Native               | Cool         | Bunch        | 5 - 10                 | 142,800   | 7 - 14                | 1 - 2                       | 3                     | 2                 | 3                    | 1           | 3           | 1            |
| Orchardgrass   | Bronc, Crown Royale, Jack Rabbit, Latar, Paiute, Potomac, Pizza, Renegade, Profile | 24 - 48     | Introduced           | Cool         | Bunch        | 8 - 10                 | 427,200   | 14 - 21               | 1                           | 2                     | 2                 | 2                    | 2           | 1           | 1            |
| Perennial Ryegrass   | Linn, Herbie, Elgon  | 18 - 36     | Introduced           | Cool         | Bunch        | 4 - 8                  | 227,000   | 5 - 8                 | 1                           | 2                     | 2                 | 2                    | 2           | 1           | 1            |
| Plains Bristlegrass  |  | 12 - 36     | Native               | Warm         | Bunch        | 5 - 9                  | 293,000   | 7 - 21                | 1 - 2                       | 3                     | 2 - 3             | 2 - 3                | 3           | 3           | 1            |
| Plains Lovegrass   |  | 15 - 36     | Native               | Warm         | Bunch        | 2 - 3                  | 3,500,000 | 7 - 28                | 1 - 2                       | 3                     | 2                 | 3                    | 1           | 3           | 1            |
| Prairie Junegrass  |  | 12 - 30     | Native               | Cool         | Bunch        | 1 - 2                  | 2,315,000 | 7 - 14                | 1 - 2                       | 3                     | 2                 | 3                    | 1           | 3           | 1            |
| Prairie Sandreed   | Goshen, Bowman   | 24 - 72     | Native               | Warm         | Sod          | 4 - 7                  | 274,000   | 21 - 28               | 2                           | 2                     | 2                 | 3                    | 1           | 1           | 3            |
| Pubescent Wheatgrass   | Luna, Mandan, Maska, Greenleaf   | 36 - 48     | Introduced           | Cool         | Sod          | 7 - 10                 | 95,000    | 21 - 28               | 1                           | 2                     | 2                 | 2                    | 1           | 1           | 1            |
| Red Top  | Streaker   | 30 - 40     | Introduced           | Cool         | Sod          | .5 - 1                 | 4,851,200 | 7 - 10                | 1                           | 2                     | 1                 | 1                    | 2           | 1           | 1            |
| Reed Canarygrass   | Chiefton, Palaton  | 72 - 84     | Introduced           | Cool         | Sod          | 3 - 5                  | 537,920   | 14 - 21               | 2                           | 2                     | 2                 | 1                    | 2           | 1           | 1            |
| Rocky Mountain Fescue  |  | 12 - 24     | Native               | Cool         | Bunch        | 1.5 - 3                | 1,300,000 | 7 - 21                | 2                           | 2 - 3                 | 2 - 3             | 2 - 3                | 1 - 2       | 1 - 2       | 1 - 2        |



|  |   |             |                      |              |              |                         |           |                       | KEY: 1 = GOOD / 2 = MODERATE / 3 = POOR |                       |                   |                      |             |             |              |  |
|--|---|-------------|----------------------|--------------|--------------|-------------------------|-----------|-----------------------|---|-----------------------|-------------------|----------------------|-------------|-------------|--------------|--|
|        |   | HEIGHT (IN) | NATIVE VS INTRODUCED | COOL VS WARM | GROWTH HABIT | SEEDING RATE PLS# /ACRE | SEED/LB   | GERMINATION (IN DAYS) | FORAGE VALUE (PALATABILITY)             | ALKALI/SALT TOLERANCE | ACIDITY TOLERANCE | HIGH WATER TOLERANCE | SANDY SOILS | SILTY SOILS | CLAYEY SOILS |  |
| SPECIES  | VARIETIES   |             |                      |              |              |                         |           |                       |   |                       |                   |                      |             |             |              |  |
| Rough Bluegrass  |   | 6 - 12      | Introduced           | Cool         | Sod          | 2 - 3                   | 2,090,320 | 7 - 21                | 2 - 3                                   | 3                     | 1                 | 3                    | 3           | 1           | 1            |  |
| Rough Fescue   |   | 12 - 14     | Native               | Cool         | Bunch        | 6 - 10                  | 200,000   | 7 - 21                | 2 - 3                                   | 3                     | 2                 | 3                    | 1           | 3           | 1            |  |
| Russian Wildrye  | Bozoisky, Swift, Vinall, Altai  | 24 - 48     | Introduced           | Cool         | Bunch        | 12 - 15                 | 162,600   | 14 - 21               | 2                                       | 1 - 2                 | 2                 | 2 - 3                | 2           | 1           | 1            |  |
| Sand Bluestem  | Woodward, Garden County, Elida, Goldstrike                                  | 12 - 84     | Native               | Warm         | Sod          | 6 - 8                   | 96,640    | 21 - 28               | 1                                       | 2                     | 2                 | 2                    | 1           | 1           | 2            |  |
| Sand Dropseed  |   | 16 - 40     | Native               | Warm         | Bunch        | .5 - 1                  | 5,600,000 | 14 - 21               | 3                                       | 2                     | 2                 | 3                    | 1           | 2           | 3            |  |
| Sand Lovegrass   | Nebraska 27, Bend   | 24 - 60     | Native               | Warm         | Bunch        | 1 - 2                   | 1,625,680 | 14 - 21               | 2                                       | 2                     | 2                 | 3                    | 1           | 2           | 3            |  |
| Sandberg Bluegrass   |   | 24 - 48     | Native               | Cool         | Bunch        | 2 - 4                   | 1,046,960 | 7 - 21                | 2                                       | 3                     | 2                 | 3                    | 1           | 3           | 1            |  |
| Sheep Fescue   | Covar, Bighorn, MX-86   | 12 - 24     | Introduced           | Cool         | Bunch        | 3 - 5                   | 530,320   | 14 - 21               | 3                                       | 2                     | 1 - 2             | 3                    | 2           | 1           | 1            |  |
| Siberian Wheatgrass  | P27, Vavilov  | 12 - 36     | Introduced           | Cool         | Bunch        | 6 - 11                  | 206,000   | 14 - 21               | 2                                       | 1                     | 1 - 2             | 3                    | 1           | 3           | 1            |  |
| Sideoats Grama   | El Reno, Vaughn, Butte, Pierre, Trailway, Niner, Haskell, Killdear, Premier | 15 - 30     | Native               | Warm         | Bunch/Sod    | 4 - 6                   | 159,200   | 14 - 21               | 1                                       | 2                     | 2                 | 2                    | 1           | 1           | 1            |  |
| Slender Wheatgrass   | Pryor, San Luis, Revenue  | 24 - 30     | Native               | Cool         | Bunch        | 5 - 10                  | 135,000   | 21 - 28               | 2                                       | 1 - 2                 | 2                 | 2                    | 2           | 1           | 1            |  |
| Smooth Brome   | Lincoln, Manchar, Carlton   | 24 - 48     | Introduced           | Cool         | Sod          | 8 - 12                  | 142,880   | 10 - 14               | 1                                       | 2                     | 2                 | 2                    | 2           | 1           | 1            |  |
| Spike Muhly  | El Vado   | 12 - 18     | Native               | Warm         | Bunch        | 1 - 3                   | 1,635,000 | 7 - 21                | 1                                       | 3                     | 2                 | 2                    | 1           | 3           | 1            |  |
| Streambank Wheatgrass  | Sodar   | 12 - 36     | Native               | Cool         | Sod          | 5 - 10                  | 156,000   | 21 - 28               | 3                                       | 1 - 2                 | 2                 | 2 - 3                | 2           | 1           | 2            |  |
| Switchgrass  | Blackwell, Nebraska 28, Forestburg, Alamo, Grenville, Cave-in-Rock          | 36 - 60     | Native               | Warm         | Sod          | 2 - 3                   | 259,000   | 21 - 28               | 1                                       | 2                     | 1                 | 1                    | 1           | 1           | 1            |  |
| Tall Fescue  | Fawn, Fuego, KY-31, Seine, Longhorn   | 24 - 60     | Introduced           | Cool         | Bunch        | 15 - 18                 | 230,000   | 7 - 10                | 2                                       | 1 - 2                 | 1 - 2             | 2                    | 2           | 1           | 1            |  |
| Tall Wheatgrass  | Alkar, Jose, Largo, Platte  | 36 - 84     | Introduced           | Cool         | Bunch        | 12 - 15                 | 75,320    | 21 - 28               | 2                                       | 1                     | 2 - 3             | 1                    | 2           | 1           | 1            |  |
| Thickspike Wheatgrass  | Critana, Bannock, Schwendimar   | 12 - 36     | Native               | Cool         | Sod          | 5 - 10                  | 154,000   | 21 - 28               | 2 - 3                                   | 2                     | 2                 | 2 - 3                | 1           | 1           | 2            |  |
| Thurber Fescue   |   | 18 - 36     | Native               | Cool         | Bunch        | 3 - 5                   | 500,000   | 7 - 21                | 2 - 3                                   | 1 - 2                 | 2 - 3             | 3                    | 3           | 1           | 1            |  |
| Timothy  | Climax, Drummond  | 20 - 40     | Introduced           | Cool         | Bunch        | 3 - 5                   | 1,163,200 | 7 - 10                | 1                                       | 2                     | 2                 | 1                    | 2           | 1           | 1            |  |
| Tufted Hairgrass   | Nortran   | 24 - 48     | Native               | Cool         | Bunch        | 1 - 2                   | 1,500,000 | 7 - 14                | 3                                       | 3                     | 1                 | 1                    | 1           | 1           | 1            |  |
| Weeping Lovegrass  | A-67, Ermelo, Morpa   | 24 - 48     | Introduced           | Warm         | Bunch        | 1 - 2                   | 1,482,320 | 7 - 10                | 2                                       | 2                     | 1                 | 1                    | 1           | 1           | 2            |  |
| Western Wheatgrass   | Arriba, Barton, Rosana, Flintlock, Rodan, Walsh                             | 12 - 36     | Native               | Cool         | Sod          | 5 - 10                  | 115,000   | 21 - 28               | 2                                       | 1 - 2                 | 2                 | 1                    | 2           | 1           | 1            |  |
| USED AS COVER CROPS WITH PERENNIAL GRASS SPECIES (OTHER OPTIONS INCLUDE CEREAL GRAINS) |   |             |                      |              |              |                         |           |                       |   |                       |                   |                      |             |             |              |  |
| Quickguard   |   | 18 - 24     | Introduced           | Cool         | Bunch        | 10 - 20                 | 14,000    | 3 - 7                 | 1                                       | 2                     | 2 - 3             | 2 - 3                | 2           | 2           | 2            |  |
| Regreen  |   | 18 - 24     | Introduced           | Cool         | Bunch        | 10 - 20                 | 12,000    | 3 - 7                 | 1                                       | 2                     | 2 - 3             | 2 - 3                | 2           | 2           | 2            |  |

**ALL SEED LISTED SUBJECT TO AVAILABILITY - SOME VARIETIES MAY NOT BE COMMERCIALY AVAILABLE**