|  |  |  | Establishment rate [%] |
| --- | --- | --- | --- |
| Species name | Family | Seeded plots | 2018 | 2019 | 2020 | 2021 |
| Agrostis\_capillaris | Poaceae | 160 | 0 | **2** | **1** | **17** |
| Alopecurus\_pratensis | Poaceae | 56 | 0 | **4** | **2** | **2** |
| Anthoxanthum\_odoratum | Poaceae | 158 | 0 | **18** | **33** | **31** |
| Arrhenatherum\_elatius | Poaceae | 144 | **16** | **41** | **46** | **44** |
| Brachypodium\_pinnatum | Poaceae | 74 | 0 | 0 | **9** | **51** |
| Briza\_media | Poaceae | 158 | 0 | 0 | **27** | **46** |
| Bromus\_erectus | Poaceae | 144 | **11** | **40** | **49** | **47** |
| Cynosurus\_cristatus | Poaceae | 45 | 0 | **2** | **13** | **22** |
| Dactylis\_glomerata | Poaceae | 58 | **3** | **43** | **47** | **59** |
| Festuca\_ovina | Poaceae | 73 | 0 | **36** | **34** | **22** |
| Festuca\_pratensis | Poaceae | 130 | 0 | **44** | **46** | **35** |
| Festuca\_rubra | Poaceae | 159 | **1** | **40** | **36** | **29** |
| Helictotrichon\_pubescens | Poaceae | 72 | 0 | **3** | **29** | **43** |
| Holcus\_lanatus | Poaceae | 86 | 0 | **31** | **36** | **29** |
| Koeleria\_pyramidata | Poaceae | 71 | 0 | **1** | **15** | **38** |
| Phleum\_pratense | Poaceae | 128 | 0 | **21** | **11** | **17** |
| Poa\_angustifolia | Poaceae | 74 | 0 | **19** | **23** | **15** |
| Poa\_compressa | Poaceae | 51 | 0 | **37** | **20** | 0 |
| Poa\_pratensis | Poaceae | 47 | 0 | **9** | **11** | **34** |
| Trisetum\_flavescens | Poaceae | 58 | **2** | **45** | **53** | **57** |
| Anthyllis\_vulneraria | Fabaceae | 61 | **33** | **49** | **61** | **33** |
| Hippocrepis\_comosa | Fabaceae | 61 | **2** | 0 | **8** | **2** |
| Lathyrus\_pratensis | Fabaceae | 86 | **1** | **9** | **21** | **36** |
| Lotus\_corniculatus | Fabaceae | 148 | **36** | **49** | **45** | **34** |
| Medicago\_falcata | Fabaceae | 62 | **2** | **35** | **52** | **56** |
| Medicago\_lupulina | Fabaceae | 148 | **9** | **48** | **69** | **13** |
| Onobrychis\_viciifolia | Fabaceae | 61 | **56** | **70** | **52** | **23** |
| Trifolium\_montanum | Fabaceae | 63 | 0 | 0 | 0 | 0 |
| Trifolium\_pratense | Fabaceae | 86 | **38** | **43** | **38** | **29** |
| Vicia\_cracca | Fabaceae | 88 | **14** | **17** | **28** | **17** |
| Achillea\_millefolium | Asteraceae | 85 | **34** | **49** | **58** | **48** |
| Agrimonia\_eupatoria | Rosaceae | 36 | 0 | **22** | **31** | **44** |
| Ajuga\_reptans | Lamiaceae | 34 | **3** | **12** | **6** | **12** |
| Anthericum\_ramosum | Asparagaceae | 38 | 0 | 0 | 0 | 0 |
| Arabis\_hirsuta | Brassicaceae | 38 | 0 | **21** | 0 | 0 |
| Asperula\_cynanchica | Rubiaceae | 36 | 0 | **25** | **17** | **6** |
| Buphthalmum\_salicifolium | Asteraceae | 35 | 0 | **31** | **49** | **26** |
| Campanula\_glomerata | Campanulaceae | 71 | 0 | 0 | 0 | 0 |
| Campanula\_patula | Campanulaceae | 32 | 0 | 0 | **50** | **12** |
| Campanula\_rapunculoides | Campanulaceae | 35 | 0 | **3** | **6** | 0 |
| Campanula\_rotundifolia | Campanulaceae | 36 | 0 | 0 | **11** | 0 |
| Carex\_flacca | Cyperaceae | 70 | 0 | 0 | 0 | 0 |
| Carlina\_vulgaris | Asteraceae | 35 | 0 | 0 | 0 | **31** |
| Centaurea\_jacea | Asteraceae | 36 | **44** | **64** | **78** | **53** |
| Centaurea\_scabiosa | Asteraceae | 85 | **25** | **45** | **42** | **36** |
| Centaurea\_stoebe | Asteraceae | 38 | **87** | **92** | **89** | **76** |
| Cerastium\_fontanum\_ssp\_vulgare | Caryophyllaceae | 35 | 0 | **54** | **49** | **23** |
| Cichorium\_intybus | Asteraceae | 49 | **47** | **67** | **47** | **49** |
| Cirsium\_oleraceum | Asteraceae | 36 | 0 | **3** | 0 | **8** |
| Clinopodium\_vulgare | Lamiaceae | 35 | **6** | **37** | **40** | **51** |
| Crepis\_biennis | Asteraceae | 50 | **24** | **48** | **48** | **36** |
| Daucus\_carota | Apiaceae | 48 | **42** | **62** | **60** | **40** |
| Dianthus\_carthusianorum | Caryophyllaceae | 38 | 0 | **34** | **63** | **66** |
| Echium\_vulgare | Boraginaceae | 34 | **94** | **97** | **97** | **88** |
| Filipendula\_vulgaris | Rosaceae | 36 | 0 | **6** | **6** | **19** |
| Galium\_mollugo | Rubiaceae | 35 | **40** | **43** | **51** | **54** |
| Galium\_verum | Rubiaceae | 36 | **14** | **42** | **44** | **42** |
| Geranium\_pratense | Geraniaceae | 34 | 0 | **12** | **32** | **59** |
| Helianthemum\_nummularium | Cistaceae | 33 | 0 | 0 | 0 | 0 |
| Hypericum\_perforatum | Hypericaceae | 35 | 0 | **3** | **3** | **29** |
| Hypochaeris\_radicata | Asteraceae | 72 | **44** | **50** | **49** | **31** |
| Inula\_salicina | Asteraceae | 37 | 0 | 0 | 0 | 0 |
| Knautia\_arvensis | Caprifoliaceae | 70 | **13** | **40** | **60** | **61** |
| Leontodon\_hispidus | Asteraceae | 35 | **9** | **37** | **46** | **29** |
| Leucanthemum\_vulgare | Asteraceae | 73 | **18** | **48** | **62** | **30** |
| Origanum\_vulgare | Lamiaceae | 69 | 0 | **29** | **42** | **57** |
| Pastinaca\_sativa | Apiaceae | 35 | 0 | **60** | **60** | **60** |
| Peucedanum\_oreoselinum | Apiaceae | 34 | 0 | 0 | 0 | 0 |
| Pimpinella\_major | Apiaceae | 34 | 0 | 0 | **3** | **26** |
| Pimpinella\_saxifraga | Apiaceae | 35 | 0 | 0 | **6** | **3** |
| Plantago\_lanceolata | Plantaginaceae | 51 | **45** | **35** | **55** | **63** |
| Plantago\_media | Plantaginaceae | 35 | 0 | **14** | **26** | **17** |
| Potentilla\_recta | Rosaceae | 36 | 0 | 0 | **50** | **50** |
| Prunella\_grandiflora | Lamiaceae | 35 | 0 | 0 | 0 | **6** |
| Prunella\_vulgaris | Lamiaceae | 35 | 0 | **20** | **34** | **49** |
| Ranunculus\_acris | Ranunculaceae | 34 | 0 | 0 | **29** | **24** |
| Ranunculus\_bulbosus | Ranunculaceae | 72 | **1** | **26** | **21** | 0 |
| Rhinanthus\_alectorolophus | Orobanchaceae | 145 | 0 | **41** | **37** | **28** |
| Rhinanthus\_minor | Orobanchaceae | 143 | 0 | **38** | **14** | 0 |
| Rumex\_acetosa | Polygonaceae | 34 | **26** | **53** | **56** | **35** |
| Salvia\_pratensis | Lamiaceae | 82 | **48** | **73** | **77** | **55** |
| Sanguisorba\_minor | Rosaceae | 70 | **43** | **93** | **90** | **86** |
| Sanguisorba\_officinalis | Rosaceae | 51 | **16** | **8** | **14** | **25** |
| Scabiosa\_columbaria | Caprifoliaceae | 36 | 0 | 0 | **17** | **31** |
| Sedum\_acre | Crassulaceae | 36 | **3** | **47** | **58** | **11** |
| Silaum\_silaus | Apiaceae | 36 | 0 | 0 | **11** | **3** |
| Silene\_flos-cuculi | Caryophyllaceae | 33 | 0 | 0 | **9** | 0 |
| Silene\_latifolia\_ssp\_alba | Caryophyllaceae | 34 | **35** | **47** | **44** | **44** |
| Silene\_vulgaris | Caryophyllaceae | 36 | **64** | **97** | **94** | **86** |
| Thymus\_praecox | Lamiaceae | 37 | **5** | **35** | **51** | **41** |
| Tragopogon\_pratensis | Asteraceae | 32 | **56** | **78** | **28** | **16** |
| Verbascum\_lychnitis | Scrophulariaceae | 34 | 0 | **35** | **35** | **29** |
| Veronica\_chamaedrys | Plantaginaceae | 45 | 0 | **24** | **29** | **47** |