



Characteristics

Conservation Plant Characteristics

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	9.0
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	65
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Medium
Frost Free Days, Minimum	110	Shade Tolerance	Intermediate

Hedge Tolerance	None	Temperature, Minimum (°F)	-38
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Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH)

Cultivar: Alta

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long

Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	9.0
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	24
Drought Tolerance	Medium	Precipitation, Maximum	55
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Medium
Frost Free Days, Minimum	110	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-38

Reproduction

Bloom Period	Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH)
Cultivar: Amogo

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.3
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Dark Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	100	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-38

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No

Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH)

Cultivar: Arid

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Medium
Frost Free Days, Minimum	150	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH) Cultivar: Au Triumph

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator

Native Status

Morphology/Physiology

Active Growth Period	Year Round	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.4
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	130	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-23

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Cajun

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	

Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	150	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-3

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Chesapeake

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid

C: N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	165	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No

Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

**LOAR10 (=SCPH)
Cultivar: Falcon II**

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.2
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Dark Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	130	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-23

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Fawn

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	Yes

Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	55
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	110	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-38

Reproduction

Bloom Period	Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Summer	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH) Cultivar: Finelawn 1

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Fine	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO ₃ Tolerance	High	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	150	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-28

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No

Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Finelawn Pitire

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Dark Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Fine	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	90	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH) Cultivar: Georgia-5

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Year Round	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	4.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	35
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	210	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	12

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Moderate

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Goar

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	No	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	9.0
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	30

Drought Tolerance	Medium	Precipitation, Maximum	50
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	170	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	7

Reproduction

Bloom Period	Early Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH) Cultivar: Hounddog

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	

Coppice Potential	No	Height at Maturity	2.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	150	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium

Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

**LOAR10 (=SCPH)
Cultivar: Johnstone**

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	4.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	35
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Medium
Frost Free Days, Minimum	190	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-3

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Moderate

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: KY-31

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None

Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	50
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Medium
Frost Free Days, Minimum	130	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH)

Cultivar: Martin**Summary**

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	4.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO ₃ Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	145	Shade Tolerance	Intermediate
Hedge Tolerance		Temperature, Minimum (°F)	-43

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720

Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Mohave

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.4
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Fine	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
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Adapted To Medium Textured Soils	Yes	pH, Minimum	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	100	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH) Cultivar: Penngrazer

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
Native Status		

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	None
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	100	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH)

Cultivar: Phyer

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	4.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	31
Drought Tolerance	Medium	Precipitation, Maximum	60

Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	145	Shade Tolerance	Intermediate
Hedge Tolerance		Temperature, Minimum (°F)	-43

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	None

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Rebel II

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.5

Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	155	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-33

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No

Nursery Stock Product No Veneer Product No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

**LOAR10 (=SCPH)
Cultivar: Shenandoah**

Summary

Duration Perennial Federal T/E Status
 Growth Habit Graminoid National Wetland Indicator
 Native Status

Morphology/Physiology

Active Growth Period Spring, Summer, Fall Fruit/Seed Conspicuous No
 After Harvest Regrowth Rate Rapid Growth Form Rhizomatous
 Bloat None Growth Rate Rapid
 C:N Ratio Medium Height at Base Age, Maximum
 Coppice Potential No Height at Maturity 2.5
 Fall Conspicuous No Known Allelopath Yes
 Fire Resistant No Leaf Retention No
 Flower Color Yellow Lifespan Moderate
 Flower Conspicuous No Low Growing Grass Yes
 Foliage Color Green Nitrogen Fixation None
 Foliage Porosity Summer Moderate Resprout Ability No
 Foliage Porosity Winter Porous Shape and Orientation Semi-Erect
 Foliage Texture Medium Toxicity Slight
 Fruit/Seed Color Brown

Growth Requirements

Adapted To Coarse Textured Soils No Moisture Use Medium
 Adapted To Medium Textured Soils Yes pH, Minimum 5.0
 Adapted To Fine Textured Soils Yes pH, Maximum 8.5
 Anaerobic Tolerance Low Planting Density Per Acre, Minimum 43560
 CaCO3 Tolerance Medium Planting Density Per Acre, Maximum 43560
 Cold Stratification Required No Precipitation, Minimum 32
 Drought Tolerance Medium Precipitation, Maximum 60
 Fertility Requirement Medium Root Depth, Minimum 12
 Fire Tolerance High Salinity Tolerance Low
 Frost Free Days, Minimum 110 Shade Tolerance Intermediate
 Hedge Tolerance None Temperature, Minimum (°F) -28

Reproduction

Bloom Period	Early Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Low
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Trailblazer

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Dark Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No

Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	90	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-43

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Low
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Lolium arundinaceum* (Schreb.) S.J. Darbyshire**

LOAR10 (=SCPH)

Cultivar: Triumph

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Year Round	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	4.0
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	No	pH, Minimum	5.0
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.0
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	35
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	200	Shade Tolerance	Tolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	12

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow

Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Moderate

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	Yes	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Lolium arundinaceum (Schreb.) S.J. Darbyshire

LOAR10 (=SCPH)

Cultivar: Virtue

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	
Native Status			

Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Dark Green	Nitrogen Fixation	None
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-Erect
Foliage Texture	Medium	Toxicity	Slight
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.0

Adapted To Fine Textured Soils	Yes	pH, Maximum	8.5
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	43560
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	120	Shade Tolerance	Intermediate
Hedge Tolerance	None	Temperature, Minimum (°F)	-28

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	Yes
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	205720
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Slow

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Medium
Fodder Product	No	Palatable Human	No
Fuelwood Product		Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

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