



Characteristics

Conservation Plant Characteristics

Andropogon hallii Hack.
sand bluestem
ANHA

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

Morphology/Physiology

Active Growth Period	Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Bunch
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	6.1
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
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	Yes	Moisture Use	Medium
Adapted To Medium Textured Soils	No	pH, Minimum	5.6
Adapted To Fine Textured Soils	No	pH, Maximum	8.4
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	
CaCO ₃ Tolerance	High	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	32
Fertility Requirement	High	Root Depth, Minimum	20
Fire Tolerance	Low	Salinity Tolerance	Low
Frost Free Days, Minimum	120	Shade Tolerance	Intolerant

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

Bloom Period	Mid Summer	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	Medium	Propagated By Sod	No
Fruit/Seed Period Begin	Fall	Propagated By Sprigs	No
Fruit/Seed Period End	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	96640
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
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	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Andropogon hallii Hack.
sand bluestem
ANHA
Cultivar: Cherry

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

Morphology/Physiology

Active Growth Period	Summer	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	6.1
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate

Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
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	Yes	Moisture Use	Low
Adapted To Medium Textured Soils	No	pH, Minimum	5.6
Adapted To Fine Textured Soils	No	pH, Maximum	8.4
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	
CaCO ₃ Tolerance	Low	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	30
Fertility Requirement	High	Root Depth, Minimum	20
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	120	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-23

Reproduction

Bloom Period	Mid Summer	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	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	96640
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

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	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Andropogon hallii* Hack.**

sand bluestem
ANHA
Cultivar: Elida

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

Morphology/Physiology

Active Growth Period	Summer	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	6.1
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
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	Yes	Moisture Use	Low
Adapted To Medium Textured Soils	No	pH, Minimum	5.6
Adapted To Fine Textured Soils	No	pH, Maximum	8.4
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	30
Fertility Requirement	High	Root Depth, Minimum	20
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	120	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-23

Reproduction

Bloom Period	Mid Summer	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	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	96640
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

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	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Andropogon hallii* Hack.**
sand bluestem
ANHA
Cultivar: Garden

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

Morphology/Physiology

Active Growth Period	Summer	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	6.2
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
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	Yes	Moisture Use	Low
Adapted To Medium Textured Soils	No	pH, Minimum	5.6
Adapted To Fine Textured Soils	No	pH, Maximum	8.4
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	30
Fertility Requirement	High	Root Depth, Minimum	20
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	120	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-38

Reproduction

Bloom Period	Mid Summer	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	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	96640
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

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	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Andropogon hallii Hack.
sand bluestem
ANHA
Cultivar: Goldstrike

Summary

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

U.S. Nativity

Morphology/Physiology

Active Growth Period	Summer	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	6.2
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
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	Yes	Moisture Use	Low
Adapted To Medium Textured Soils	No	pH, Minimum	5.6
Adapted To Fine Textured Soils	No	pH, Maximum	8.4
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	30
Fertility Requirement	High	Root Depth, Minimum	20
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	120	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-38

Reproduction

Bloom Period	Mid Summer	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	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	96640
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

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	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Andropogon hallii* Hack.**
sand bluestem
ANHA
Cultivar: Woodward

Summary

Duration	Perennial	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

Morphology/Physiology

Active Growth Period	Summer	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	6.4
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
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	Yes	Moisture Use	Low
Adapted To Medium Textured Soils	No	pH, Minimum	5.6
Adapted To Fine Textured Soils	No	pH, Maximum	8.4
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	

Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	30
Fertility Requirement	High	Root Depth, Minimum	20
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	150	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-13

Reproduction

Bloom Period	Mid Summer	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	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	96640
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

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	None	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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