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Farrow

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JUNIPERUS PLANT NAMED

'FARROWJVBF'

(50)

Latin Name: *Juniperus virginiana*

Varietal Denomination: FARROWJVBF

(71)

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See application file for complete search history.

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(57)

ABSTRACT

A new and distinct variety of *Juniperus* plant named 'FAR-

ROWJVBF' is disclosed, characterized by blue foliage and

abundant blue fruits. Plants are dense with a pyramidal

habit. The new cultivar is a *Juniperus*, suitable for orna-

mental garden purposes.

2 Drawing Sheets

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Latin name of the genus and species: *Juniperus virgini-*

ana.

Variety denomination: 'FARROWJVBF'.

BACKGROUND OF THE INVENTION

The new cultivar is a product of an open-pollination

breeding program by the inventor, Michael W. Farrow. The

open pollination resulting in 'FARROWJVBF' was made

during 2009 at a commercial nursery in Warwick, Md.

Selection of the new variety was made during 2010 at the

same nursery. The seed parent of 'FARROWJVBF' is an

unnamed, unpatented *Juniperus virginiana*. The pollen par-

ent is unidentified.

After identifying the new variety as a potentially inter-

esting selection, first propagation of 'FARROWJVBF'

occurred by softwood cuttings at a commercial nursery in

Warwick, Md. in 2010. The inventor continued controlled

testing and propagation, assessing stability of the unique

characteristics of this variety. Five generations have been

reproduced and have shown that the unique features of this

cultivar are stable and reproduced true to type.

SUMMARY OF THE INVENTION

The cultivar 'FARROWJVBF' has not been observed

under all possible environmental conditions. The phenotype

may vary somewhat with variations in environment such as

temperature, day length, and light intensity, without, how-

ever, any variance in genotype. The following traits have

been repeatedly observed and are determined to be the

unique characteristics of 'FARROWJVBF' These character-

istics in combination distinguish 'FARROWJVBF' as a new

and distinct *Juniperus* cultivar:

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1. Blue foliage.

2. Dense plant with a pyramidal shape.

3. Abundant small blue fruit.

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COMMERCIAL COMPARISON

'FARROWJVBF' can be compared to the known com-

mercial variety *Juniperus virginiana* 'Burkii', unpatented.

The varieties are similar in most horticultural characteristics,

however, plants of 'FARROWJVBF' differ in the following

ways:

1. New cultivar produces blue foliage, foliage of this

comparator is more silver/gray.

2. Plants of the new variety are narrower than plants of

this comparator.

3. Fruit of the new variety is blue; fruit of this comparator

is gray.

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PARENTAL COMPARISON

'FARROWJVBF' is similar to the seed parent in most

horticultural characteristics, however, plants of 'FAR-

ROWJVBF' differ in the following:

1. The new cultivar has blue foliage; the seed parent has

green foliage.

2. The new variety produces blue fruit; the seed parent

produces green to blue fruit.

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BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photograph in FIG. 1 illustrates in full

color a typical plant of 'FARROWJVBF' grown outdoors in

Grand Haven, Mich. The plant in FIG. 1 is approximately 5

years old, and exhibit the characteristic dense and pyramidal

growth.

FIG. 2 illustrates a close-up view of the foliage and fruits.

The photographs were taken using conventional tech-

niques and although colors may appear different from actual

colors due to light reflectance it is as accurate as possible by conventional photographic techniques.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart 2015 except where general terms of ordinary dictionary significance are used. The following observations and measurements describe 'FARROWJVB' plants grown in a poly greenhouse during Summer, in Grand Haven, Mich. The growing temperature ranged from 18° C. to 27° C. during the day and from 5° C. to 10° C. during the night. General light conditions are natural sunlight. Measurements and numerical values represent averages of typical plant types. Botanical classification: *Juniperus virginiana* 'FARROWJVB'.

PROPAGATION

Typical method: Softwood cuttings.
Time to initiate rooting: 120 days at approximately 10° C.
Time to produce a rooted young plant: 180 days at approximately 10° C. to 13° C.
Root description: Fine and fleshy roots present. Moderately well branched. Colored light brown, not accurately measured with an R.H.S. chart.

PLANT

Age of plant described: 1 to 2 years.
Container size of plant described: 1 gallon.
Growth habit: Evergreen tree. Upright, pyramidal.
Height: 44 cm.
Plant spread: 46 cm.
Typical growth rate: Slow.
Branching characteristics: Upright and outwards.
Angle: 45 to 90°.
Quantity of lateral branches: 10.
Length of lateral branches: 46 cm.
Diameter of lateral branches: 2 mm.
Lateral branch shape: Round.

Stem strength: Strong.
Stem color: Greyed-Orange 177D.
Internode length: Average 2 cm.
Thorns: About 5 mm long, colored near Greyed-Orange 177D. Dense.

FOLIAGE

Leaf:

Arrangement.—Alternate whorled scales.
Shape of blade.—Scale-like, developing into needles.
Length.—3 to 6 mm.
Width.—0.7 mm.
Apex.—Acute.
Base.—Truncated, fused.
Margin.—Entire.
Texture of top surface.—Smooth.
Texture of bottom surface.—Smooth.
Foliage color.—Young upperside: Near RHS Green 133B. Young underside: Near RHS Green 133B. Mature upperside: Near RHS Green 133B with overlay blue-Green 122C. Mature underside: Near RHS Green 133B with overlay blue-Green 122C.
Venation.—Not observable.
Fragrance.—Not observed.

FLOWER

Winter/spring bloom of inconspicuous dioecious flowers.

OTHER CHARACTERISTICS

Fruits: Berry-like cone. About 7 mm in diameter, colored near Blue 108D. Typically Fall through Winter.
Disease and pest resistance: Neither resistance nor susceptibility observed.
Drought tolerance: No tolerance for drought.
Temperature tolerance: Tolerates USDA Zones 4 through 9.
What is claimed is:
1. A new and distinct cultivar of *Juniperus* plant named 'FARROWJVB' as herein illustrated and described.

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FIG. 1



FIG. 2