

Sekoya[®] Nova

'FC15-173'

OVERVIEW

Sekoya[®] Nova 'FC15-173' is a new variety with all-round exceptional fruit quality and grower economics. The fruit is consistently very large with a dense yet juicy texture and can be stored for 60 days or more, while maintaining premium flavor and firmness. Sekoya[®] Nova 'FC15-173' quickly builds yield and has an overall very high yield potential compared to other varieties in the mid-late season. It can also be harvested quickly because of the large fruit size and ripening concentration.



FRUIT FLAVORS

Sekoya[®] Nova 'FC15-173' is appealing to consumers across multiple regions with its sweet and mildly aromatic flavor.



FRUIT SIZE

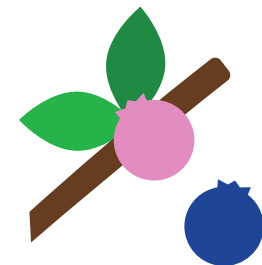
The average diameter of Sekoya[®] Nova 'FC15-173' is 20 mm with more than 80% of fruit greater than 18 mm.



VERY FIRM

FRUIT FIRMNESS

Sekoya[®] Nova 'FC15-173' is very firm with an average FirmPro of 231 gf/mm after 28 days in cold storage. This firmness is similar to Sekoya Grande[®] 'FC13-122' and an improvement over both LoretoBlue[®] 'FC11-118' and Cargo.



HARVEST EFFICIENCY

This variety is efficient to harvest due to the large fruit size and ideal release of ripe fruit when picking.

FRUIT COLOR

¹Cargo ²Sekoya Grande[®] 'FC13-122'

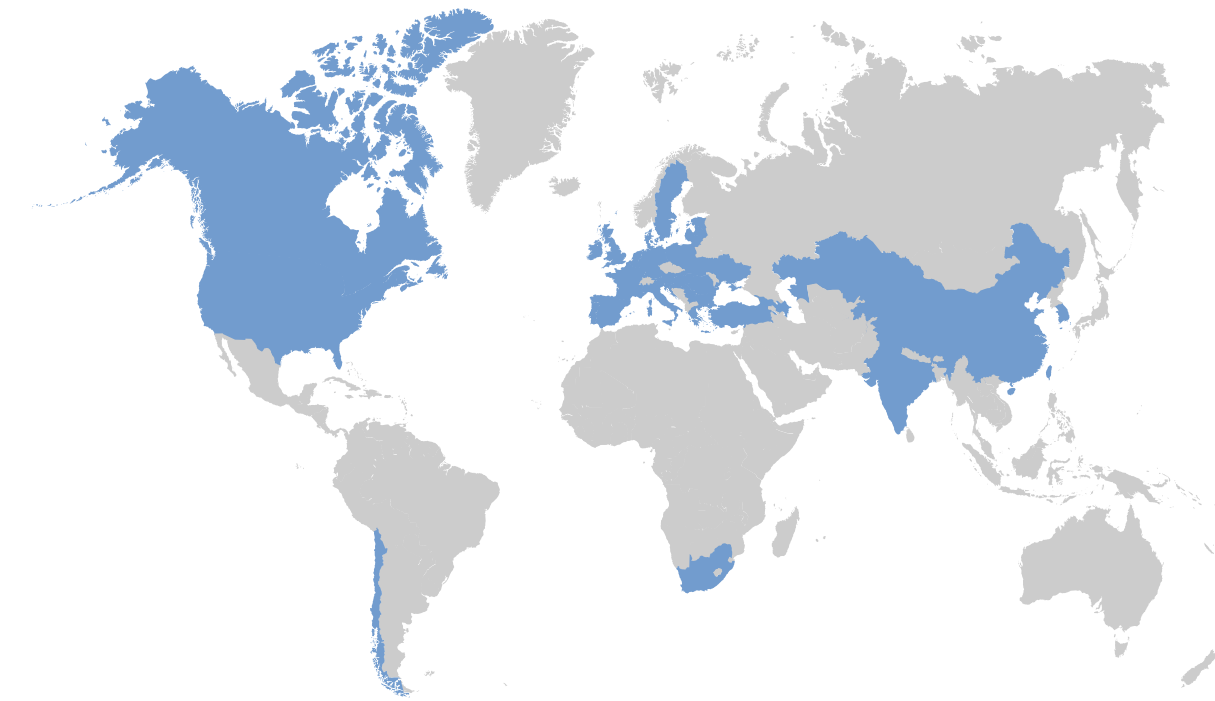


MEDIUM BLUE

CONSIDERATIONS

Sekoya[®] Nova 'FC15-173' has shown challenges with pollination that can result in a small percentage of undersized fruit. This variety is not recommended for areas that require spring cold hardiness as those conditions can exacerbate the pollination challenges. Sekoya[®] Nova 'FC15-173' may be more susceptible to Botrytis and an effective management plan should be developed. Planting in areas that receive less than 1000 chill-hours (Utah Model) is not recommended based on trial results.

GROWING REGIONS



VERY GOOD

4/5

YIELD

Sekoya[®] Nova 'FC15-173' is a precocious variety that can quickly build yield potential once the plant has been established. Its total yield is competitive with existing mid-late season varieties while offering significant improvement on fruit size and quality.

60+
DAYS

FRUIT STORAGE

This variety has exceptional storability – 60 days or much longer using modified atmosphere techniques. This is an excellent opportunity to extend availability of high-quality, local fruit.

MID-LATE

FRUIT SEASON

Sekoya[®] Nova 'FC15-173' typically begins harvest one to two weeks after Sekoya Grande[®] 'FC13-122' and one week before Sekoya Fiesta[®] 'FC13-113'.

EXPERT CORNER

"We appreciate FC15-173 for its attractive growth, good vigour, and distinct and numerous flower buds. Our experience so far indicates that the plants adapt well to the Polish climate. We're still evaluating its frost resistance, but our initial experience shows positive results. The fruit of this variety is large, crisp, and tasty. Remarkably, it maintains its size throughout most of the harvest period."

– EWA KOWALSKA
FIELDSTONE A FAMILY FARM
NORTH-CENTRAL EUROPE/POLAND

VARIETY VIDEO

Learn more about Fall Creek[®] varieties using the QR code below.



[youtube.com/FallCreek](https://www.youtube.com/FallCreek)

Yield

Sekoya® Nova ‘FC15-173’ is a high-yielding variety with moderate to high plant vigor, adapted to high chill environments. The plant has a semi-upright shape and does not require specialized pruning to maintain a balanced crop load. At the Oregon Research Farm, it has consistently been harvested in two distinct picks with excellent harvest efficiency.

Harvest timing and volume varies from year to year depending on many factors. This data is the average of multiple years and plots.

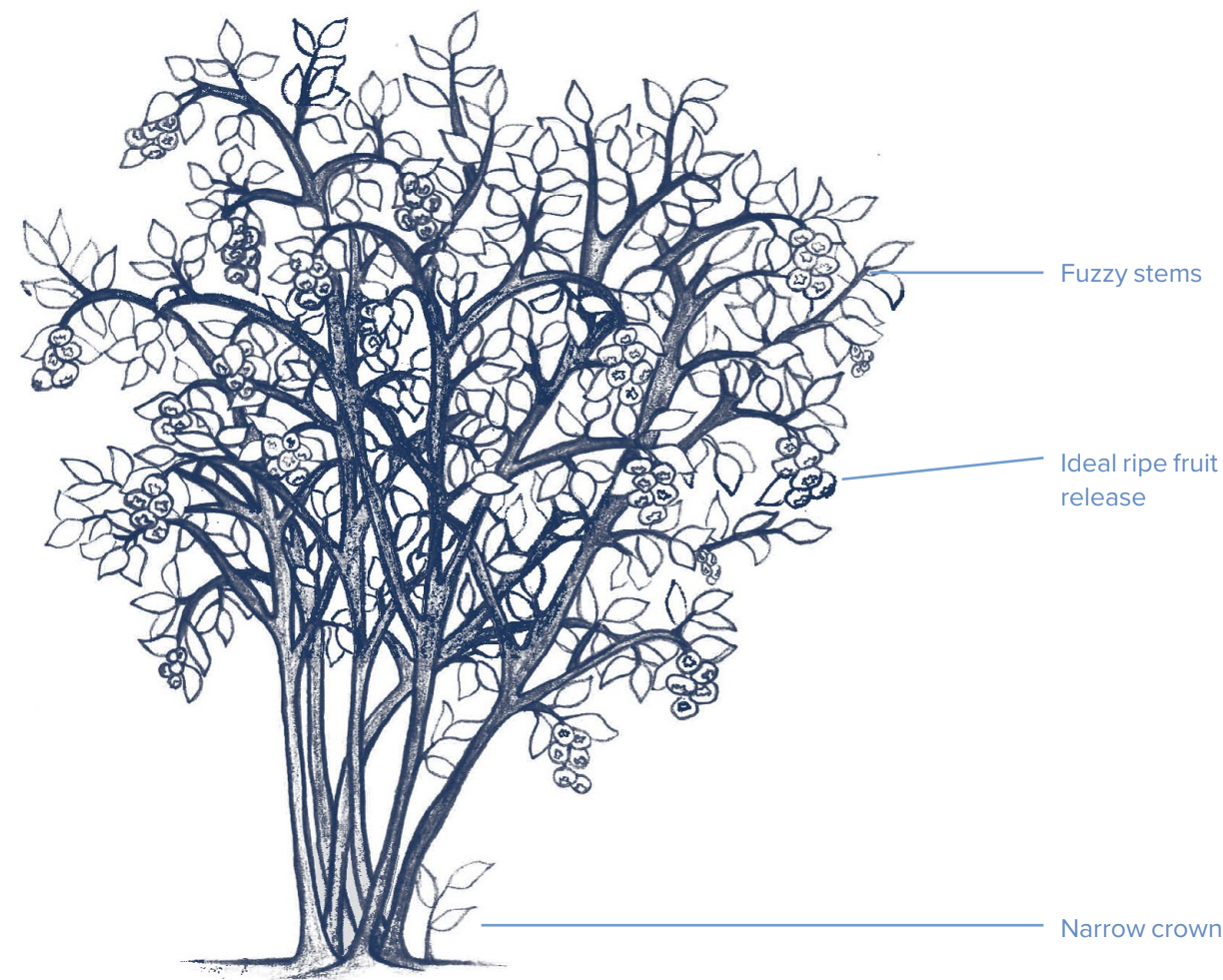
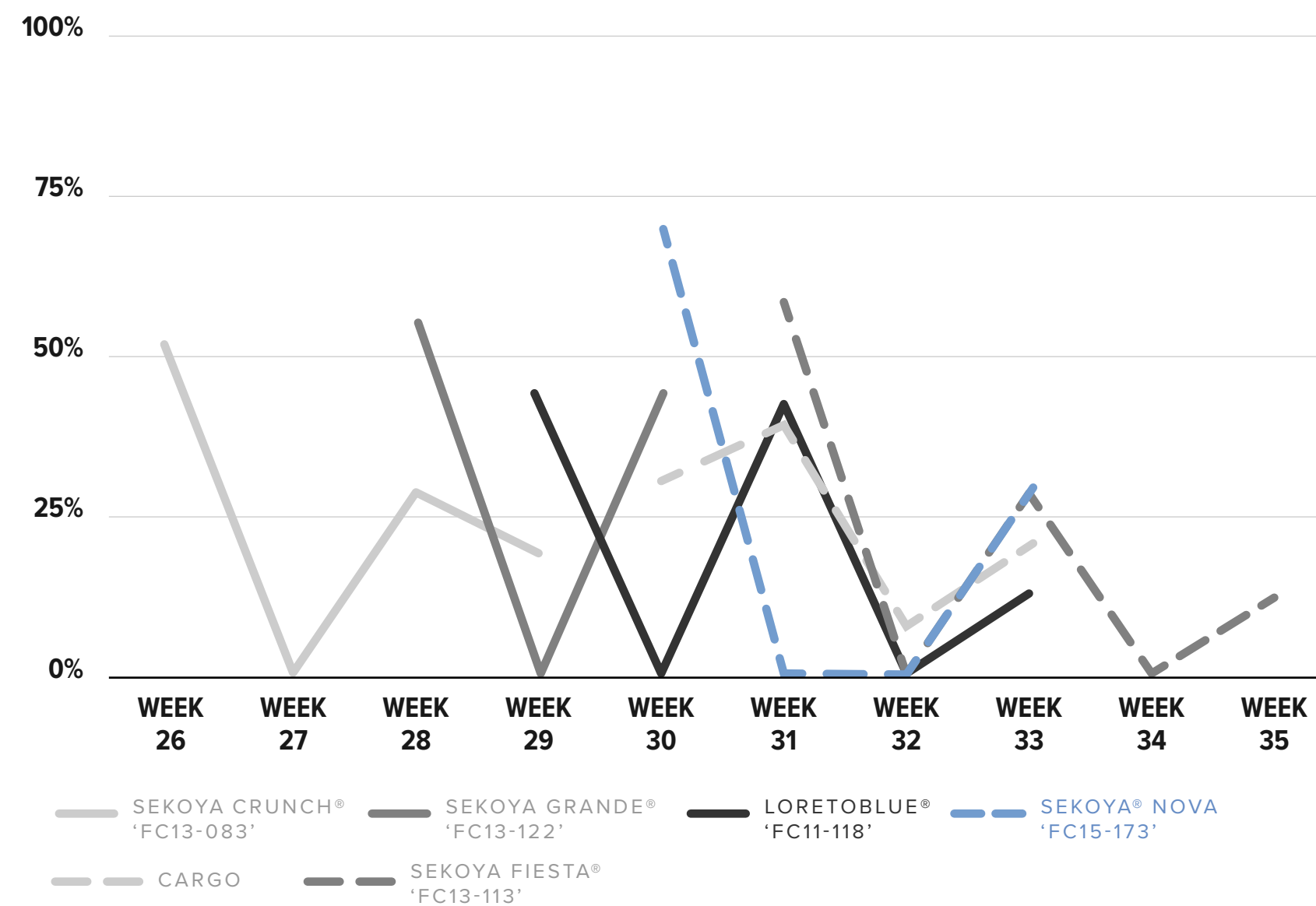


DIAGRAM COURTESY OF HANNA MCCORNACK

YIELD BY WEEK PERCENTAGE OF THE TOTAL HARVEST



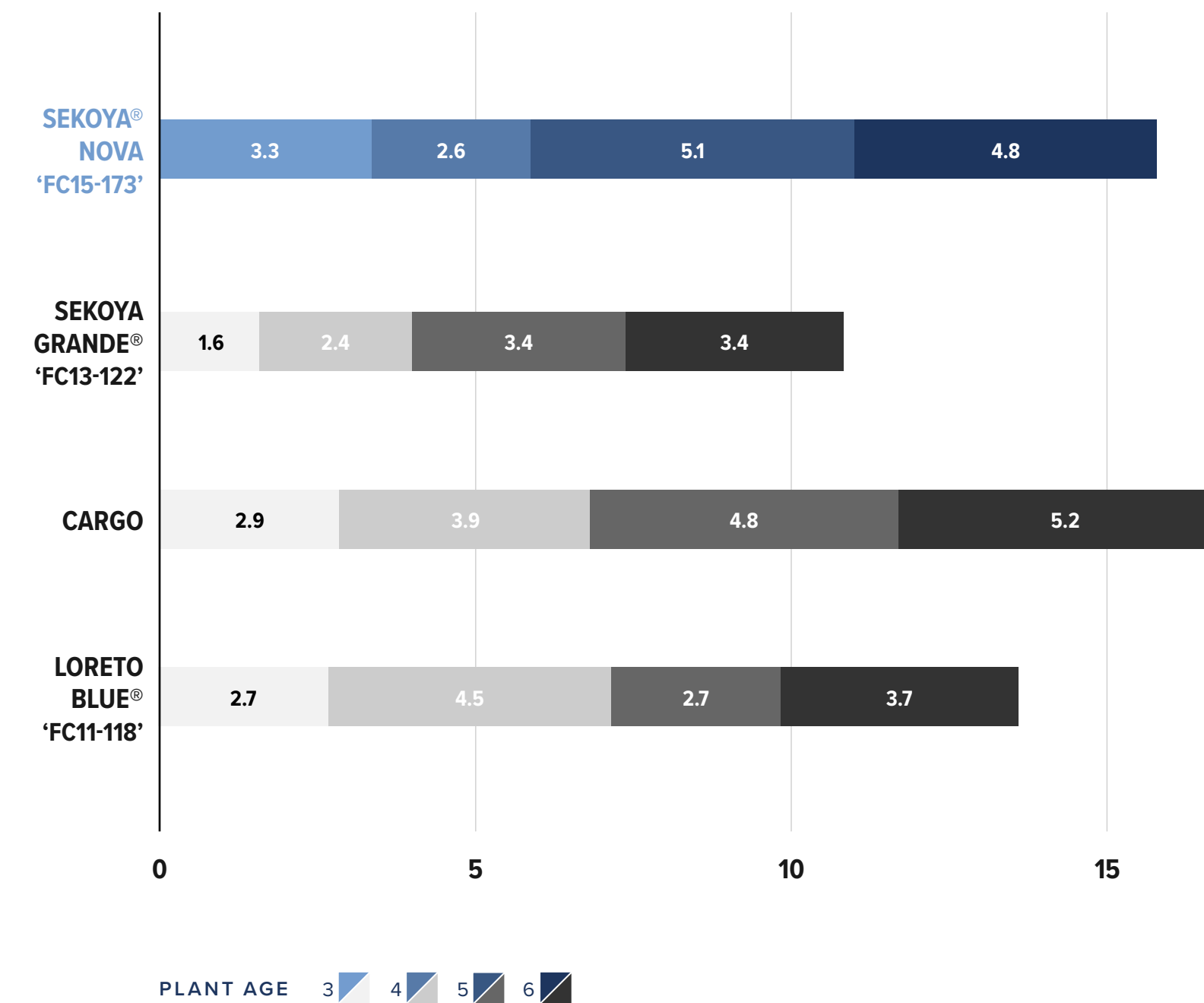
Sekoya® Nova ‘FC15-173’ typically begins harvest two weeks after Sekoya Grande® ‘FC13-122’ and the same week as Cargo. The harvest period is concentrated and picks are typically 5-7 days apart.

ADDITIONAL YIELD VALUES

| Location | Sekoya® Nova ‘FC15-173’ Yield (kg/plant) | Comparison Yield (kg/plant) | Plant Age |
|------------------|--|--------------------------------|-----------|
| Northeast Poland | 1.66 | ArabellaBlue® ‘FC14-062’ – 2.2 | 3 |
| | | LunaBlue® ‘FC12-205’ – 1.7 | 3 |

Additional yield values are gathered from the Fall Creek® network of trial sites and preview plantings with commercial growers.

YIELD BY PLANT AGE KG/PLANT



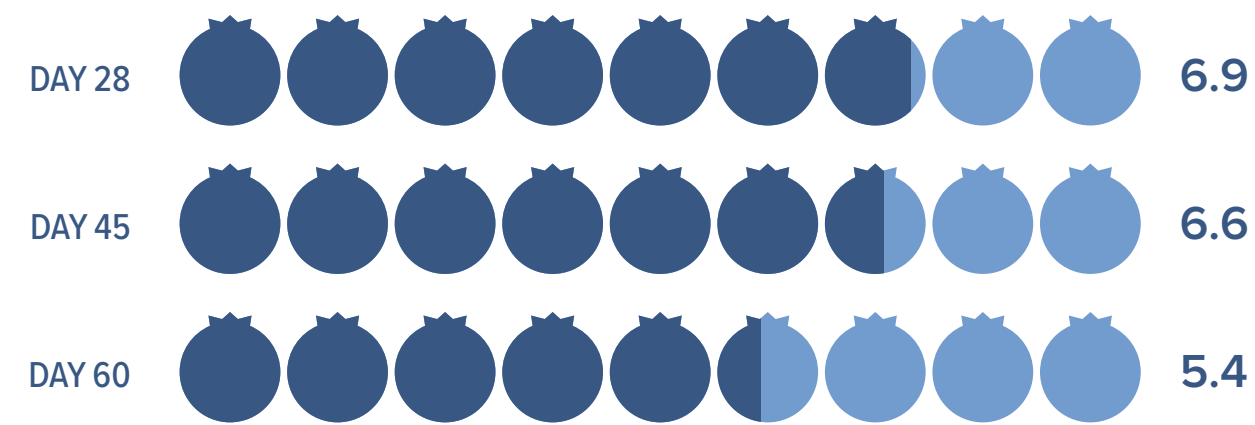
At the Oregon Research Farm, Sekoya® Nova ‘FC15-173’ is a high-yielding variety that can quickly build yield once the plant is established. It surpasses the yield of Sekoya Grande® ‘FC13-122’ and is similar to LoretoBlue® ‘FC11-118’, which is also considered to be a high-yielding variety.

Storability

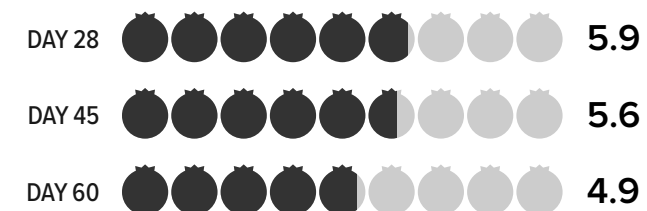
Every year the Fall Creek® breeders evaluate hundreds of different varieties and upcoming genetics. These evaluations include a dozen attributes, focusing on flavor and texture. Sekoya® Nova ‘FC15-173’ continues to have excellent flavor and firmness, even after 60 days in storage.

The *overall* score for cold storage is a combined value of internal firmness, external firmness, flavor, appearance, and severity of disorders (such as mold or shrivel) determined by a panel of Fall Creek® staff and internal experts. Samples for 45- and 60-day evaluations are in modified atmosphere bags.

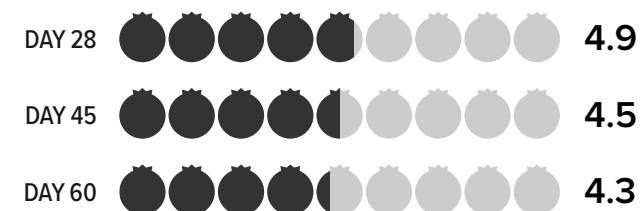
SEKOYA® NOVA ‘FC15-173’



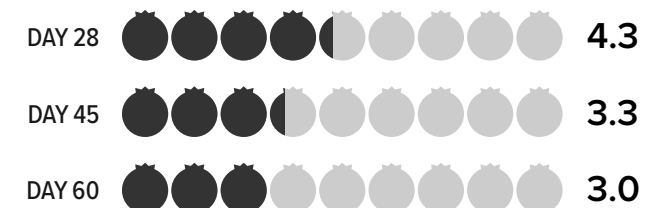
SEKOYA GRANDE® ‘FC13-122’



LORETOBLUE® ‘FC11-118’



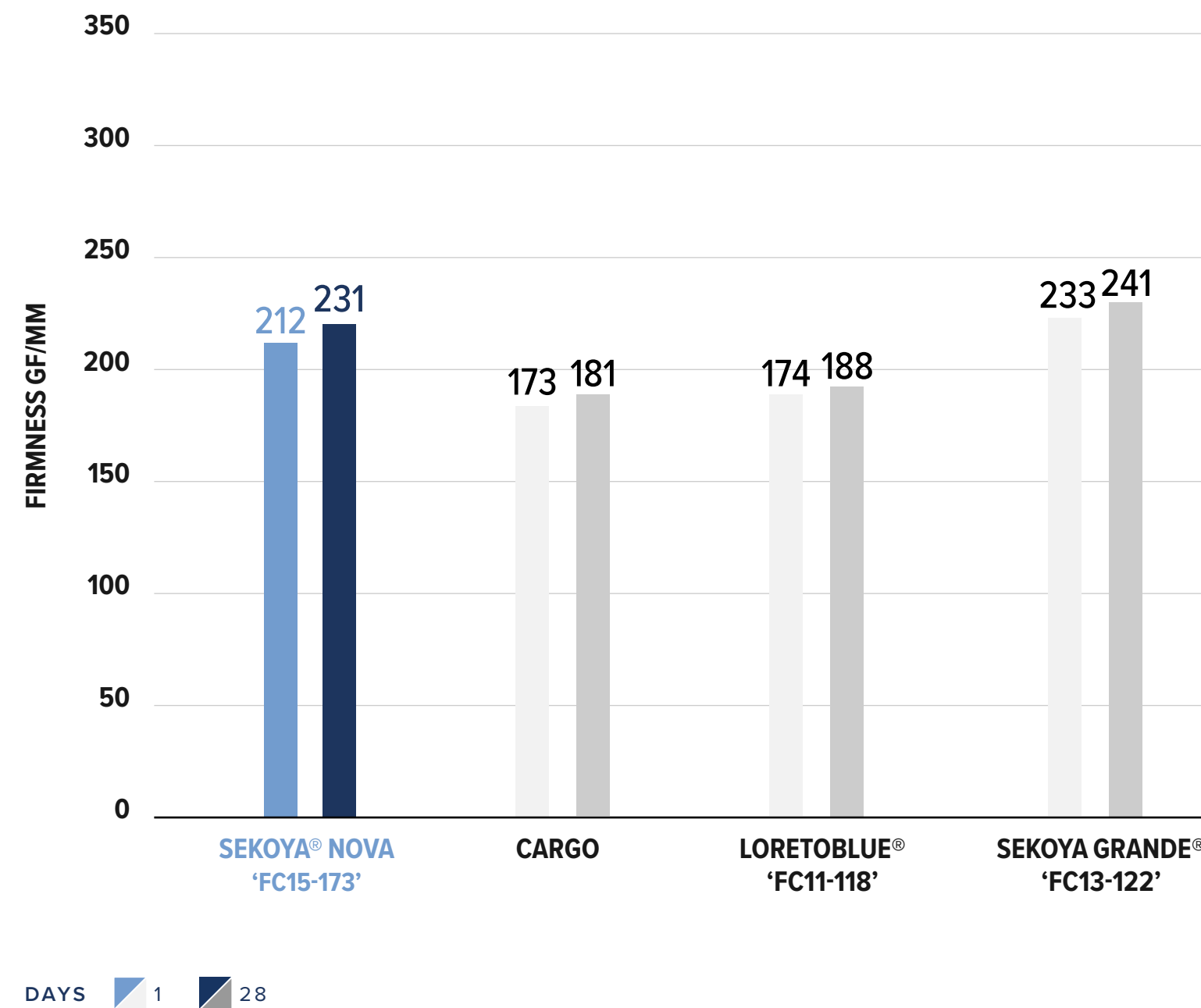
CARGO



Fruit Firmness

Sekoya® Nova ‘FC15-173’ is a very firm, dense variety that consistently delivers the high firmness expected of a Sekoya variety, while being juicy and flavorful.

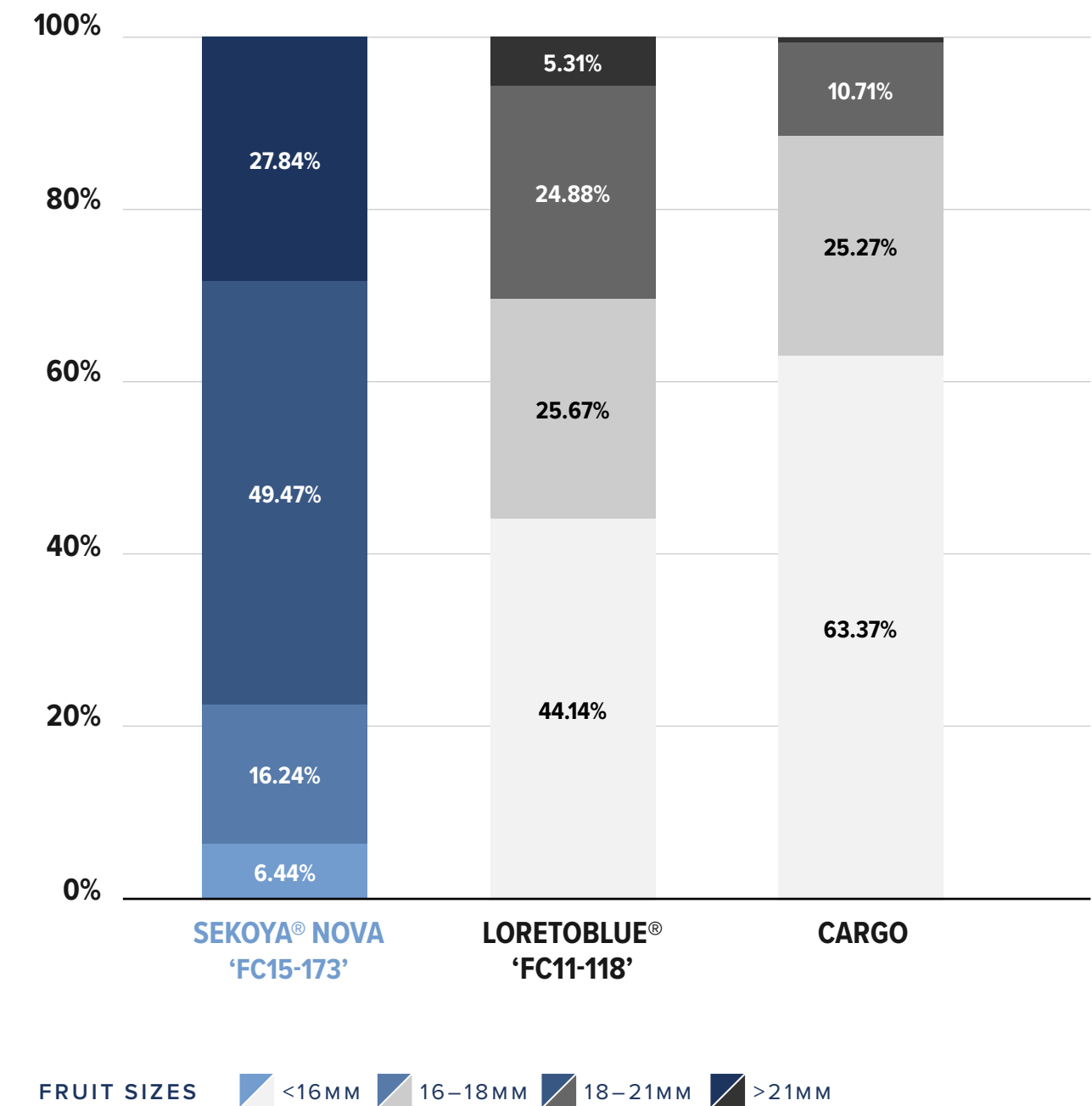
FirmPro measurements are conducted on fruit with internal temperature of 20° Celsius (68° Fahrenheit).



Fruit Size by Class

This variety has almost all fruit greater than 16 mm and over 80% greater than 18 mm. There is also more than a quarter of the total yield greater than 21 mm, making Sekoya® Nova ‘FC15-173’ one of the largest high-chill varieties available today.

Data is collected throughout the entire harvest season and averaged across multiple plots and years.

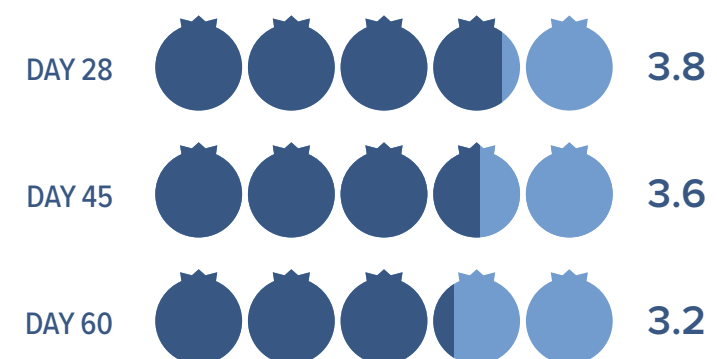


Flavor

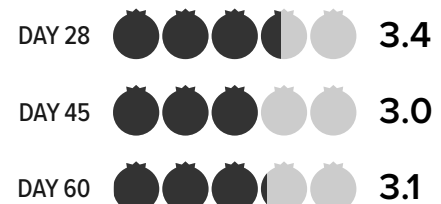
The flavor of Sekoya® Nova 'FC15-173' is mild with an up-front sweetness and subtle aroma balanced with low-lying acidity. This is the kind of berry you can eat and eat without getting tired of it!

Ranking is on a 1-5 scale with 5 being the best, performed by a panel of Fall Creek® staff and internal experts. Samples for 45 and 60 day evaluations are in modified atmosphere bags.

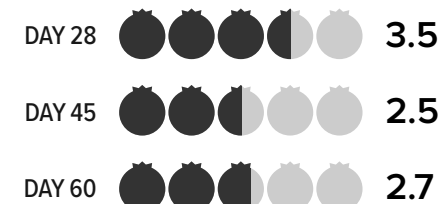
SEKOYA® NOVA 'FC15-173'



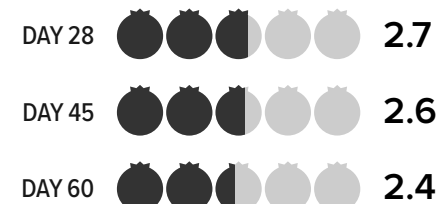
SEKOYA GRANDE® 'FC13-122'



LORETOBLUE® 'FC11-118'

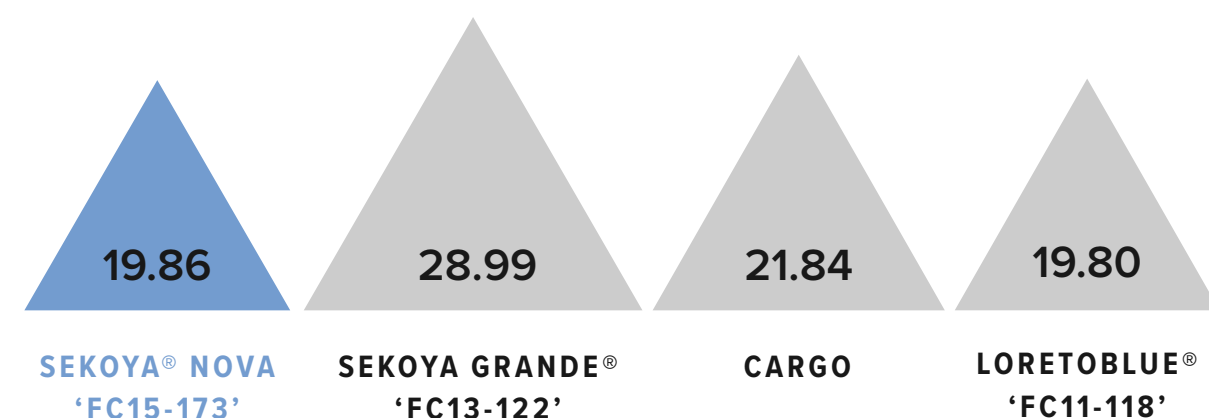


CARGO



SUGAR ACID RATIO

How we perceive berry flavor is a complex mix of traits - including sugar and acid levels. The figure on the right shows the ratio of brix (sugar) to acid. This ratio is the simplest way to summarize perceived sweetness. Sekoya® Nova 'FC15-173' has a high Brix and a moderate acidity level, resulting in a sweet flavor that is not overpowering or bland.

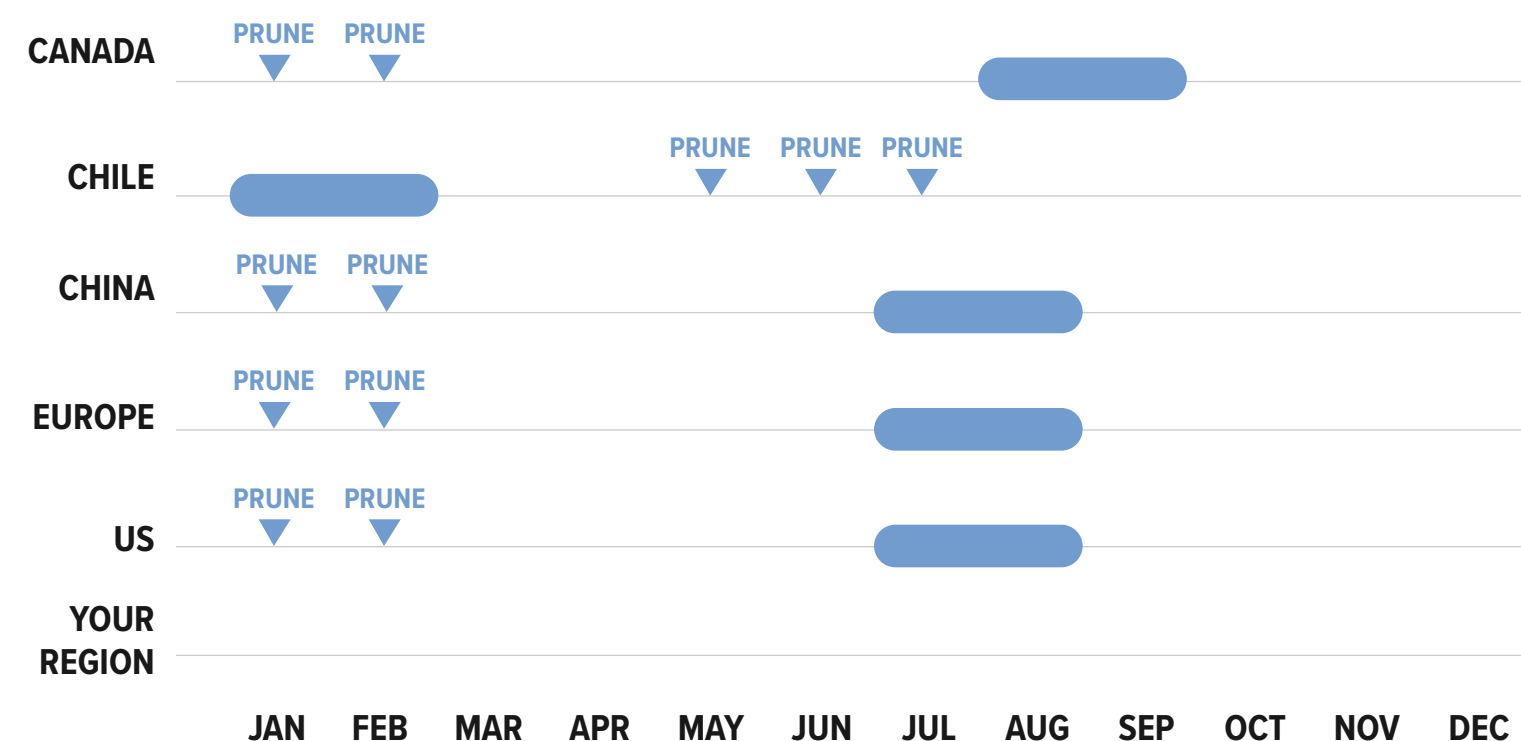


The sugar acid ratio is the average soluble solid content (degree Brix) divided by titratable acidity (% citric acid)

Fruit Seasonality

Sekoya® Nova 'FC15-173' is a mid-late season variety that has a concentrated ripening period and can be stored for two months, allowing for greater flexibility when designing supply plans.

For more information about when to expect harvest to begin in your region, contact your local Grower Support Representative. Seasonality in this graphic is only based on high chill growing regions within each country.



CONTACT US

To learn more about Fall Creek®'s blueberry varieties please contact our Sales and Customer Service teams in your region

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