



SynergiaBIO y su oferta de variedades de arándanos para Chile y Sudamérica

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Overview SynergiaBIO

SynergiaBio es una empresa radicada en la Región del Maule desde el año 2008. Desde el año 2015, la empresa comenzó a desarrollar proyectos de Investigación, servicios y producción que le permitieron un rápido crecimiento en los sectores de fruticultura y minería.

Visión

Ser una **empresa líder a nivel global en la generación de productos y servicios biotecnológicos** destinados a la industria, la agricultura, la salud humana, la medicina veterinaria.



Instalaciones - SynergiaBIO

Misión

Impulsar el desarrollo industrial, tecnológico y la calidad de vida de las personas a través de la innovación y el conocimiento científico tecnológico, basados en la alta calificación de nuestros empleados, el compromiso con el desarrollo sustentable y la responsabilidad social.



I+D+i



- **Biotecnología:** Investigación vegetal, ambiental y animal; mejoramiento genético y domesticación de plantas; biopesticidas y biofertilizantes.
- **Alimentos e Industria:** Desarrollo de nuevas tecnologías para el tratamiento de residuos industriales y creación de súper alimentos en base a nuevas especies de plantas.



- **Productos:** Micropropagación de plantas de diversas especies frutales, forestales y hortícolas.
- **Servicios especializados:** Micropropagación de plantas nativas; micropropagación de plantas a medida; saneamiento de plantas mediante técnicas biotecnológicas; determinación de plagas y enfermedades mediante marcadores moleculares.



Producción y comercialización plantas

Producción de plantas comenzó en 2017, las plantas se comercializan en formato de bandejas, frascos y macetas según los requerimientos de los clientes y características de las variedades.

Plantas producidas

- Portainjertos de cerezo.
- Arándanos (Variedades liberadas)
- Arándanos (Variedades protegidas: ej. Montain Blue Orchards, Mountain Blue High Chill, BerryWorld, IQBerries, GPG).
- Frambuesas
- Moras
- Avellanas
- Zarzaparillas
- Otras especies nativas.

Los **productos de nicho** (como frambuesos, moras y otros portainjertos frutales) se producen de forma flexible, en las cantidades y formatos demandados por los clientes.



Principales Clientes

A nivel internacional, se cuenta con clientes en países de América Latina (Ecuador, Colombia, Perú, México, Argentina, Uruguay, Brasil); Europa (UK, España, Francia, Holanda); Asia (India, Jordania, EAU, República de Corea) y África (Egipto).



Socios estratégicos



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Operación Actual:

SynergiaBIO Chile (2017)
SynergiaBIO México (2023)



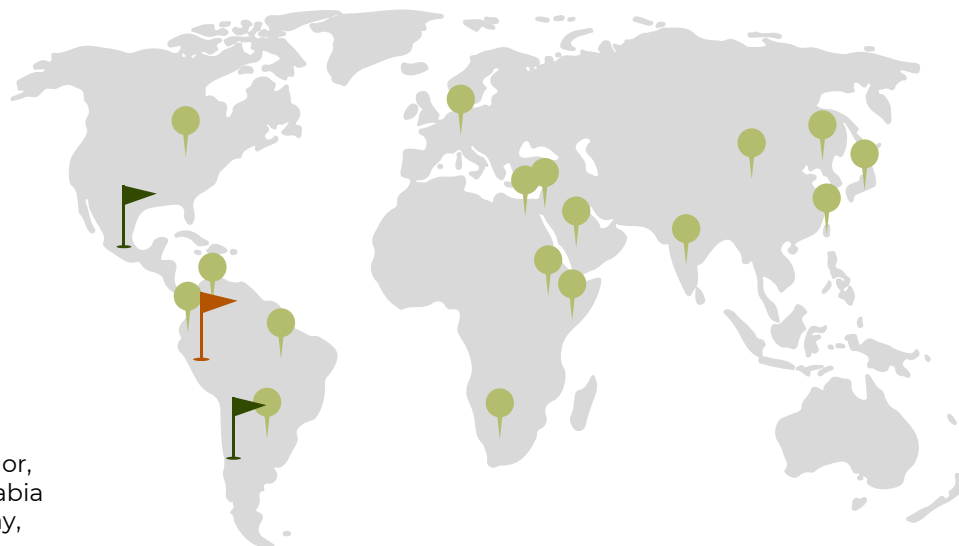
Nuevas Operaciones:

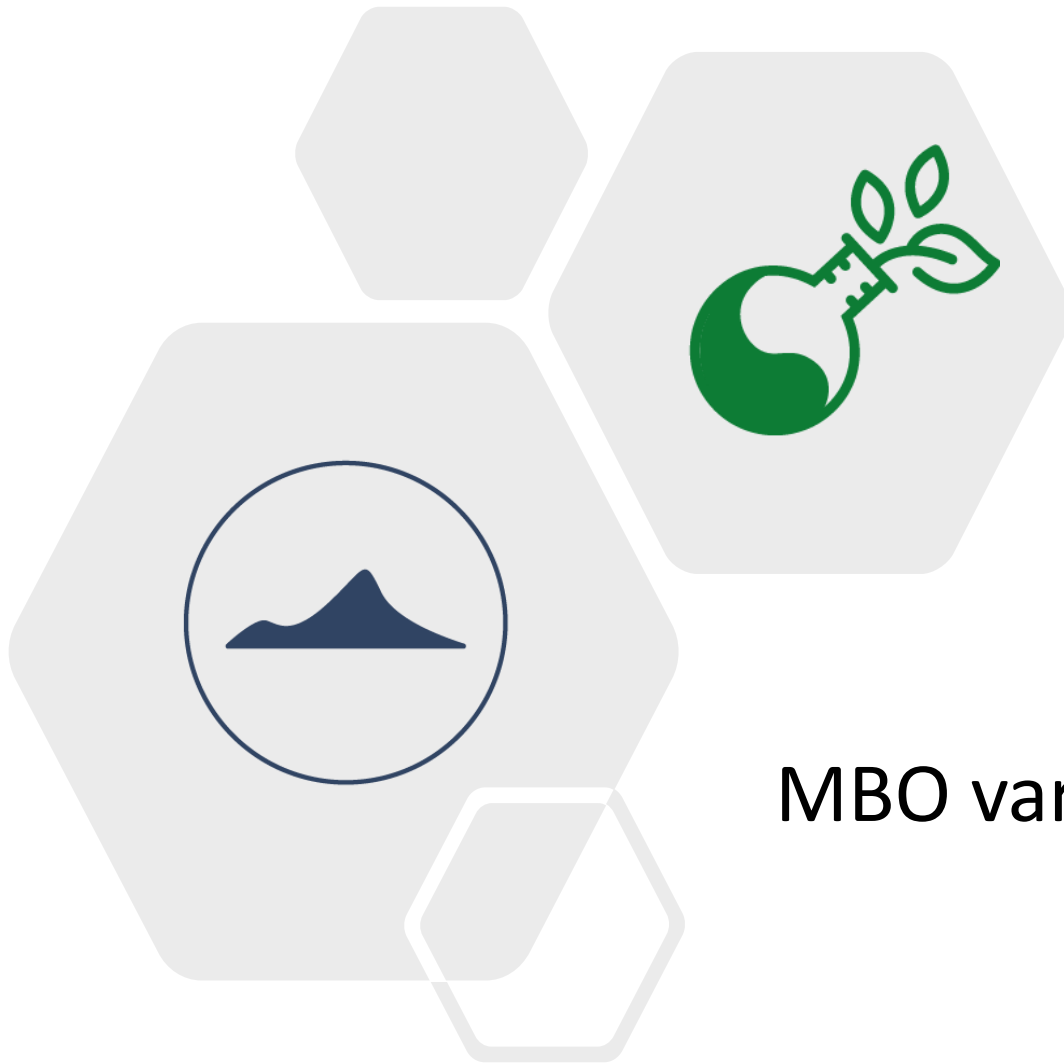
SynergiaBIO Perú (2026) →



Mercados atendidos actualmente:

Unión Europea, Sudáfrica, USA, Colombia, Ecuador, China, Taiwán, Korea, Hong Kong, India, UAE, Arabia Saudita, Jordania, Guatemala, Honduras, Uruguay, Argentina, Etiopía, Brasil, Egipto.





MBO varieties and selections



About MBO

- MBO was established in the early 1970's by Ridley Bell. Ridley has been in the Industry for 45 years.
- Author of the most well known Southern Highbush blueberry varieties in the world: Rocio; Arana and obviously EUREKA!
- Ridley was named New South Wales (Australia) Farmer of the Year in 2010 & 2020.
- The MBO program – which effectively commenced with the discovery of OPI in 2001 and Eureka in 2007.

MBO Focus



- MBO has one of the largest breeding programs in the world. Each year – MBO invests >US\$2.5 million into its breeding program.
- Key attributes:
 - ✓ Flavor / Crunch / Consistency of Size
 - ✓ Shelf Life / Post Harvest
 - ✓ Agronomics – yield / timing / resistance to disease
- MBO plants are grown in 25 countries with >50 million plants in the ground.
- MBO works on an exclusive basis only – building long-term, serious partnerships with our Licensees.
- Major licensees of MBO include Greenvic, Hortifrut, Driscoll's, Family Tree Farms, Agroberries, Gamorel, ExtraBerries, Elite Agro, BerryCo New Zealand, Carmel Agrexco, Very Berry Korea, IG Berries (India) and many others.

Late season varieties

Echo

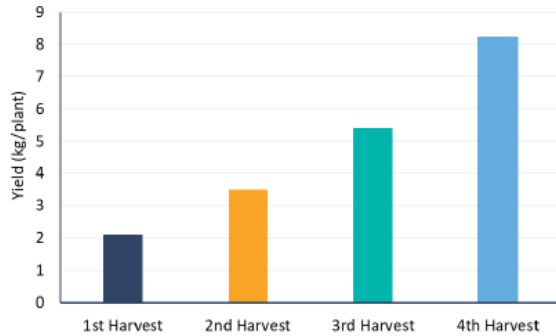


Eureka Sunset



Twilight





- Late season fruit.
- Large, crispy and sweet fruit.
- Size of the fruit is very consistent. Good bloom.
- Very vigorous and upright bush.
- Suitable for machine harvest.



Avg. Berry Weight (g)	Avg. Berry Size (mm)	Brix (°Bx)	Firmness (% durofel)
3.5	19	13	56

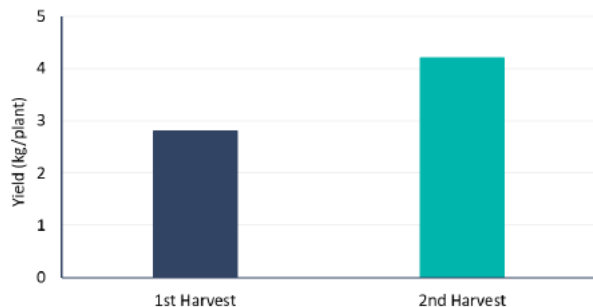
Management

Echo is well suited to cooler climates with a semi-deciduous habit ensuring late season production. Under mild, evergreen systems, *Echo* has been shown to ripen during mid-season production windows with some earlier primocane style fruit. It can produce strong whippy upright canes, thus pruning for structure when the plant is young is important, trellis can also be used on young plants to support canes until a strong plant structure is built. Late frosts in cooler climates can pose a risk to flowers. *Echo* can be planted with *Twilight* for cross-pollination to maximise productivity.

Echo

Latest and better!

Eureka Gold



- High yield and exquisite fruit quality.
- Intense and great bloom.
- Will be suitable for mid season.
- 99% self-fertile.
- Suitable for machine harvest.



Average Berry Weight (g)	3.7
Average Berry Size (mm)	20
Brix (°Bx)	15
Firmness (% Durofel)	74

Eureka Gold

Mixing the best gene pools!

Mountain Blue High Chill (MBHC)

MBHC

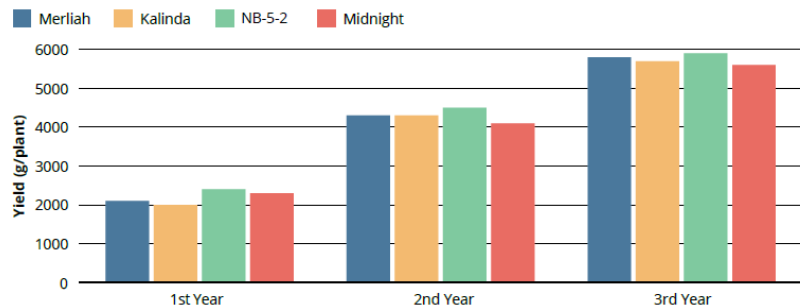
- It is the new genetic program of Mountain Blue to fill the gap of genetic quality in high chill varieties.
- Was started as a JV called Moondarra Genetics.
- Some new selections on the road.



New site at Erica, Victoria, there is 3 hectares of area under bird netting and hectares of nursery and operation space.

NAMED SELECTIONS





Variety	Self-pollination	Avg. Berry Weight (g)	Avg. Berry Size (mm)	Brix	Durofel
Merliah	86%	3.3-5.3	23-28	16-18	56
Kalinda	76%	3.2-5.4	17-24	13-18	42-54.8
NB-5-2	80%	3.3-5.1	20-25	15-18	34.2-51
Midnight	100%	2.5-3.8	18-22	15-18	15-40.5

Features of the advanced MBHC Selections

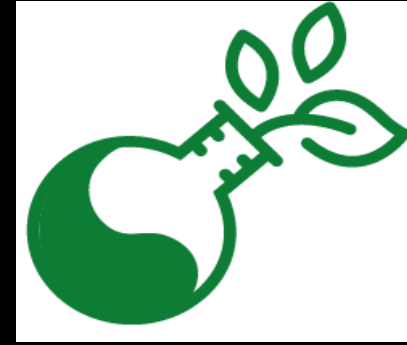
Plant availability and formats

Program/ Variety	Plugs	Pots
MBO		
OPI, INICIO, EUREKA SUNRISE, DAZZLE	Yes	Yes
EUREKA, MASENA, SPLASH	Yes	Yes
EUREKA SUNSET, ECHO	Yes	Yes
EUREKA GOLD	Yes	Yes
MBHC		
MERLIAH, KALINDA, MIDNIGHT, NB-5-2	Yes	Yes

Selections and varieties from the University of Georgia



**Global Plant
Genetics Ltd**
Where Quality Breeds Success



About the partnership

- SynergiaBIO, and Global Plant Genetics have linked their effort to expand in South America and some other countries in the world
- This effort will include the new generation of genetics from the breeding program of the Georgia State University.
- This Program has released several world class varieties that are now being cultivated in Africa, Perú and México.
- SynergiaBIO will produce plants in different formats.



Blueberry type:	Southern Highbush
Released:	2020 Selection
Key attributes:	Ava has been exclusively released to Fresh Results as a commercial selection. This low chill variety has large, firm, flavorful berries with very good production potential.
Chilling Required:	Low chill (100-200h < 7.2C)
Flowering:	Flower bud break May/June. PDF = 85 Days. Flowers earlier in warm climates.
Pollinator:	SH variety with similar flowering time.
Harvest:	Early season production: from August – October and has a compact harvesting season. Ripens just after Snowchaser and Sweet Duchess.
Plant Vigour:	Upright and good vigorous growth.
Yield:	Good (20-25 ton/ha)
Berry size:	Large size fruit (1.8-2.5 g/berry), ranging between 16-24mm
Fruit shape:	Round/Flat
Colour:	Medium blue to light blue
Bloom:	Very good bloom; light blue
Picking Scar:	Small dry scar.
Firmness:	Very firm with good shelf life, much firmer than Snowchaser.
Flavour:	Crisp and sweet with good brix, average acidity, very good eating with outstanding flavour.
Disease:	Little rust has been observed. No Botryosphaeria spp.

Georgia

Flavorful berries and large production!



Key attributes: Sweet Duchess has been exclusively released to Fresh Results as a commercial selection. This very low chill early ripening variety has very large, firm, flavorful berries with good production potential.

Chilling Required: Low chill (-50h < 7.2C)

Flowering: Flower bud break May.
PDF = 80 Days Flowers two weeks before Star.

Pollinator: SH variety with similar flowering time.

Harvest: Early season production: from August to September and has a compact harvesting season. Ripens before Star.

Plant Vigour: Upright with good vigorous growth.

Yield: Good (20 - 25 ton/ha).

Berry size: Large size fruit (1.8–2.2g/berry), ranging between 14-25mm.

Fruit shape: Round

Colour: Medium blue to light blue

Bloom: Moderate bloom; dark blue

Picking Scar: Small dry scar

Firmness: Very firm with good shelf life, much firmer than Star.

Flavour: Crisp & sweet with good brix, average acidity, very good eating with outstanding flavour.

Disease: Little rust has been observed. No Botryosphaeria spp.

Sweet Duchess

Early and tasty!



Blueberry type: Southern Highbush

Key attributes: Gladiator has been exclusively released to Fresh Results as a commercial selection. This low chill variety has large, firm, flavorful berries with very good production potential.

Chilling Required: Low chill (150-250h < 7.2C)

Flowering: Flower bud break May/June.
PDF = 85 Days. Flowers earlier in warm climates.

Pollinator: SH variety with similar flowering time.

Harvest:	Early season production: from August – October and has a compact harvesting season. Ripens just after Ava and Sweet Duchess.
Plant Vigour:	Upright and good vigorous growth.
Yield:	Good (20-25 ton/ha)
Berry size:	Large size fruit (1.8-2.2 g/berry), ranging between 14-22mm
Fruit shape:	Round
Colour:	Medium blue to light blue
Bloom:	Very good bloom; light blue
Picking Scar:	Small dry scar.
Firmness:	Very firm with good shelf life, much firmer than Snowchaser.
Flavour:	Crisp and sweet with good brix, average acidity, very good eating with outstanding flavour.
Disease:	Little rust has been observed. No Botryosphaeria spp.

Gladiator

High performance in different environments!



Blueberry type:	Southern Highbush
Released:	2020 Selection
Key attributes:	Maverick has been exclusively released to Fresh Resul as a commercial selection. This low chill variety has large, firm, flavorful berries with very good production potential.
Chilling Required:	Low chill (200-250h < 7.2C) Can evergreen in mild climate.
Flowering:	Flower bud break May/June. PDF = 90 Days. Flowers earlier in warm climates.
Pollinator:	SH variety with similar flowering time.

Harvest:	Early season production: from August – October and has a compact harvesting season. Ripens three weeks before Star in a cool climate. Has the ability to evergreen in tropical climates.
Plant Vigour:	Upright and good vigorous growth.
Yield:	Good (20-25 ton/ha)
Berry size:	Large size fruit (1.5-2.2 g/berry), ranging between 14-20mm
Fruit shape:	Round
Colour:	Medium blue to light blue
Bloom:	Very good bloom; light blue
Picking Scar:	Small dry scar.
Firmness:	Very firm with good shelf life, much firmer than Star.
Flavour:	Crisp and sweet with good brix, average acidity, very good eating with outstanding flavour.
Disease:	Little rust has been observed. No Botryosphaeria spp.

Maverick

Plasticity, high yielding and the best quality!

IQ Berries- Osiris Plant Management





About the partnership

- SynergiaBIO, and Osiris signed an agreement in 2021 to propagate and introduce the IQ Berries varieties and selection ins South America.
- This effort will include the new generation of genetics from the breeding program performed in Australia by IQ Berries.
- Osiris has placed over 2,5 million plants produced by SynergiaBIO in Perú, México. Chile is now starting their first trials.

Megaerly

Very early production



MegaEarly

Maduración temprana, de fácil cosecha y versatilidad de producción



11 – 14 °Brix
S. Solubles



18 – 22 mm
Tamaño fruta



> 7.000 pl/ha
Aptitud para alta densidad

- **Méritos:** alternativa temprana para anticipar cosecha con fruta de gran calidad.
- **Características y consideraciones:** Madurez de fruta muy temprana. Arbusto de hábito erecto, de vigor bajo a moderado, buen enraizamiento y facilidad de cosecha, con potencial para establecimiento en altas densidades. Produce en primocañas y brotes primarios vigorosos, en los cuales se obtienen muy buenos recorridos de yemas, Muy importante impulsar vigor y formación de estructura de la planta (cargadores) con nutrición adecuada para formación vegetativa.



Data Allpa Farms 04/08/26:

Plantación: 03/04/25. **Poda:** 18/12/25. Cosecho hasta el día de campo: 15,5 kg/planta, con potencial de 4kg/planta para esta campaña. Alcanza calibres de 20 a 22 mm con firmeza promedio de 80+ shore en plantaciones comerciales observadas.



Megacrisp

Early to mid season,
very firm



MegaCrisp

Firmeza, buena vida postcosecha
y alta calidad gustativa para
mercados exigentes



85 Shore

firmeza promedio



12 – 15 °Brix

S. Solubles



0,3 – 0,5 g/l

Acidez

- **Méritos:** fruta orientada a mercados exigentes por su alto nivel de firmeza, buena vida de postcosecha y dulzor predominante.
- **Características y consideraciones:** Buen vigor, cerca de 130 cargadores productivos por planta y alrededor de cinco yemas productivas por cargador. Se sugiere uso de 10–12 colmenas por hectárea.



Data Allpa Farms 04/08/26:

Plantación: 17/02/25. Poda: 15/12/25. En el día de campo llevaban 5 pasadas de cosecha y estiman un potencial de casi 4 kg/planta. Alcanza un rango de calibre 18 a 20 mm con firmeza promedio sobre 80 shore en plantaciones comerciales visitadas. Se observan recorridos de 5 a 6 yemas y alrededor de 110 cargadores productivos.



Megastar

Early to mid season,
very firm



MegaStar

Cosecha tardía, fruta de notable sabor y calidad para mercados premium



85 Shore
firmeza



20 – 22 mm
calibre



12 – 16 °Brix
S. Solubles

- **Méritos:** fruta de sabor notable, dulce, complejo y aromático, orientada a mercados premium.
- **Características y consideraciones:** firmeza superior a 80 shore, cosecha en torno 84–85, calibre de 20 a 22 mm y muy buen Bloom. Arbusto de alto vigor, requiere ir moderándolo periódicamente a través del pinchado de brotes y otros manejos de control de vigor.



Data Allpa Farms 04/08/26:

Plantación: 30/05/25. **Poda:** 22/12/25. En el día de campo estaba iniciado, aún no iniciaba su cosecha.





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