

Introducing



## RyzUp® 40 SG Plant Growth Regulator

A 21<sup>st</sup> century formulation for fruit and vegetable management



## RyzUp® 40 SG Plant Growth Regulator Summary of Product Benefits



### TABLE GRAPES

- Elongates and loosens clusters to enhance air circulation and light penetration
- Decreases berry set, reduces thinning costs
- Increases berry size and quality



### CITRUS

- Increases fruit set and yield
- Delays rind aging
- Reduces physiological disorders
- Delays maturity for a more orderly harvest



### BANANAS

- Post-harvest treatment to extend green life
- Improves fruit size, quality and overall yield
- Stimulates early growth in new plantations



### PINEAPPLES

- Increases fruit size, quality and overall yield
- Improves packout
- Post-harvest treatment to extend crown life



### ARTICHOKES

- Accelerates maturity
- Increases yield



### CHERRIES

- Increases fruit size
- Improves fruit firmness and quality
- Delays maturity for a more orderly harvest



### PEARS

- Increases fruit set and yield



## New from Valent BioSciences ... a RyzUp® Formulation for the 21st Century

For nearly 40 years, RyzUp® has been the plant growth regulator of choice for fruit growers around the world.

Now, a new RyzUp® formulation offers even more advantages for the grower.

### **PROGIBB® 40 SG: STATE-OF-THE ART FORMULATION WITH MULTIPLE ADVANTAGES**

Valent BioSciences' research and development team has created a new formulation – **RyzUp® 40 SG** (soluble granules). Compared with other formulations, this state-of-the-art formulation has the following benefits:

- The most concentrated formulation on the market
- Improved solubility
- Improved uptake and absorption
- Convenient to handle, transport and store
- Very stable over time, even in a wide range of temperatures
- Not flammable

And, RyzUp® 40 SG is approved for organic farming in the United States (OMRI).

### **RYZUP® 40 SG: APPLIED FORMULATION EXPERTISE**

**RyzUp® 40 SG contains the same active ingredient – Gibberellic acid (GA<sub>3</sub>) – you've used with confidence for decades. This naturally occurring gibberellin is produced through fermentation and enhanced through a process refined during more than 40 years of experience.**

**Valent BioSciences controls every step of manufacturing: fermentation, purification, formulation and packaging. Inert ingredients**

**are of the highest possible quality. The unparalleled product stability is a result of process standards that are consistent with those for human pharmaceutical production. We take these steps to ensure that every gram of product meets label specifications and delivers consistent, maximum performance in the field.**



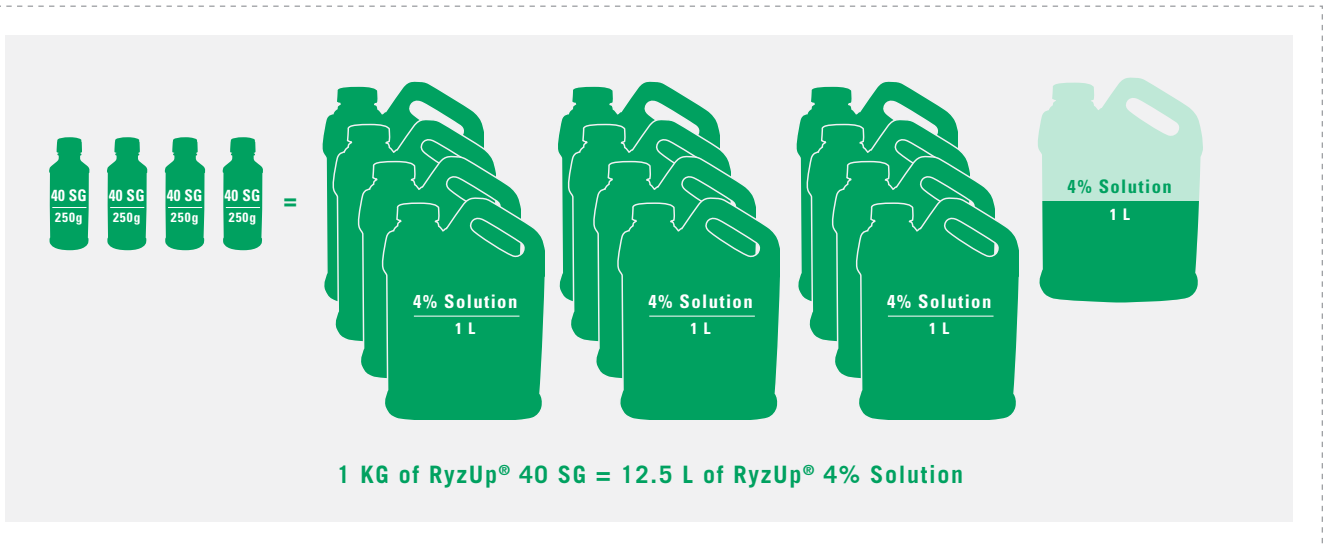
## Easier to Use, and More Efficacious

New RyzUp® 40 SG is offered in a wide range of packages to fit different production needs.

When added to water tanks, RyzUp® 40 SG dissolves instantly: there's no need for an extended agitation sequence. The highly concentrated formulation of RyzUp® 40 SG means more product can be stored in less space, and there's significantly less packaging of which to dispose.

Best of all, because of its improved uptake and absorption, the advanced SG formulation offers excellent efficacy with maximum field performance under all conditions. In global field trials, RyzUp® 40 SG has delivered consistently superior performance compared with the tablet and powder formulations.

### RyzUp® 40 SG compared to RyzUp® 4% Solution



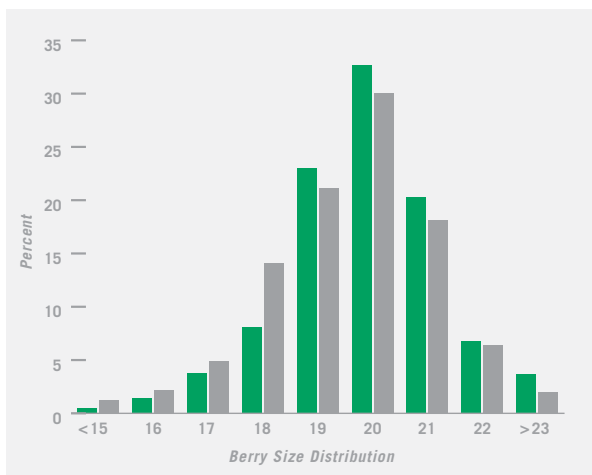
# RyzUp® 40 SG Superior/Novel Formulation with Unsurpassed Product Performance Under All Conditions

## RyzUp® 40 SG on Thompson Seedless Menemen and Sarigöl-Manisa, Turkey

Treatments	100-Berry Weight (g)	100-Berry Volume (cm <sup>3</sup> )	Berry Number	Berry Length (cm)	Berry Width (cm)	Bunch Length (cm)
<b>RyzUp® 40 SG</b>	237.2	253	312	1.89	1.50	25.0
<b>RyzUp® Tablet</b>	229.4	241	316	1.85	1.46	25.3
<b>Untreated</b>	114.8	126	405	11.23	0.97	23.5

Applications: T1 – 60-70% open flowers; T2 – 3mm fruit diameter • Spray water volume: 1.000 L/Ha

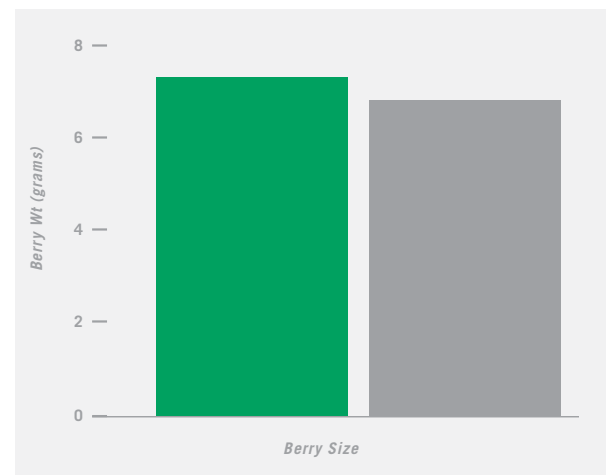
## RyzUp® 40 SG on Flame Seedless



n RyzUp® 40 SG      n RyzUp® Tablet

Location: Rancagua, Chile

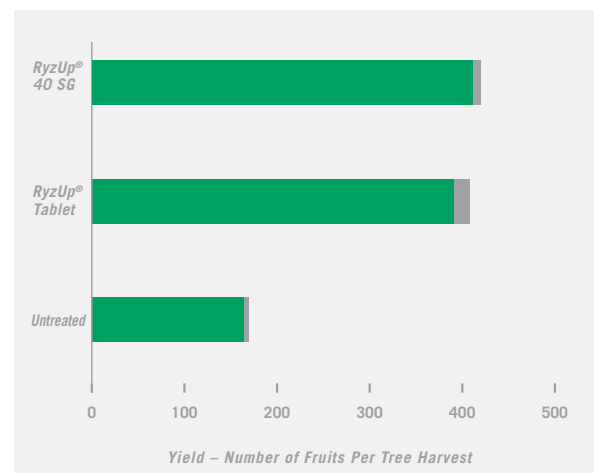
## RyzUp® 40 SG on Thompson Seedless



n RyzUp® 40 SG      n RyzUp® 2x Powder

Location: Madera, California • Application: Bloom 2 x 20g ai/acre  
Size: 2 x 64g (ai) per acre

## RyzUp® 40 SG on Clementine Fruit Set



n Marketable      n Unmarketable

Location: Puglia Region, Italy • Application: Beginning of petal fall at BBCH 67 (10 ppm) • Spray Volume: 1,200 L/Ha

## VALENT BIOSCIENCES CORPORATION: OUR COMMITMENT

The introduction of new RyzUp® 40 SG is another example of Valent BioSciences' commitment to helping growers increase the value and marketability of their crops. For more information about RyzUp® and our full line of products, please visit our Web site at [www.valentbiosciences.com](http://www.valentbiosciences.com).

## NOTE ABOUT USE RECOMMENDATIONS

Refer to the approved RyzUp® 40 SG label for each specific country for the exact use recommendation (rate, timing, water volume, surfactant use, etc.).



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