# **BELLISSIMO FOODS COMPANY**



# THE RIGHT FLOUR FOR YOU

#### By Peter Thor, BFC

There are two items in any pizzeria that will define the core flavors of your product - flour and cheese. Using the correct flour for your needs is critical to achieving the pizza crust that you are looking for and your customers want. Flours range in terms of protein levels and treatments. Make sure you are using the right flour for you with the information below.

Most pizzerias, especially on the East Coast use a High Gluten flour. Gluten is the binding that holds dough together, although there is no actual gluten in the flour. All flour contains wheat protein, and when mixed with water it creates "gluten", which gives the dough the ability to be shaped, tossed, and folded. The higher the protein the more glutens the dough will have, thus resulting in a tougher more elastic dough. But not all high protein flours are created equal. There is a common misconception that all high gluten flours have the same protein level. Proteins in high gluten flour could range from 11% to 14%. Flours on the lower end of the spectrum would have a harder time achieving that ultra thin NY style crust. The below graph from General Mills will give a simple guide to what flours to use for what circumstances.

| Flour Type                     | Protein-<br>Strength | Dough<br>Strength | Mix Time           | Thin<br>Pizza<br>Crust | Thick<br>Pizza<br>Crust | Neopolitan<br>Pizza | Bagels | Breads &<br>Rolls | Quick<br>Breads | Cookies,<br>Bars &<br>Brownie |
|--------------------------------|----------------------|-------------------|--------------------|------------------------|-------------------------|---------------------|--------|-------------------|-----------------|-------------------------------|
| High Gluten                    | 13.4 -<br>14.4%      | High              | Long<br>12-14 min. | 1                      |                         |                     | 1      | 1                 |                 |                               |
| Mid-High<br>Gluten             | 12.8 -<br>13.2%      | High              | Long<br>12-14 min. | 1                      |                         |                     |        | 1                 |                 |                               |
| Spring Patent                  | 12.4 -<br>12.8%      | High              | Long<br>12-14 min. |                        | 1                       |                     |        | 1                 |                 |                               |
| European Style<br>Patent Blend | 12%                  | Med               | Med<br>8-12 min.   |                        | 1                       | 1                   |        | 1                 |                 |                               |
| Winter Patent                  | 11 - 12%             | Med               | Med<br>8-12 min.   |                        | 1                       |                     |        | 1                 |                 |                               |
| All-Purpose                    | 10 -12%              | Med               | Med<br>8-12 min.   |                        | 1                       |                     |        |                   | 1               | 1                             |

**High Gluten Flour** is the most tolerant to mixing in larger machines and fermentation. This type of flower is typical if your goal is to develop a nice crispy crust that has a bit of a chewy texture (stretch).

(continued on page 2)

## PLANT BASED PROTEIN By Peter Thor, BFC

As more consumers are turning to plant-based protein alternatives, manufacturers are seeking out innovative ways to create products that not only taste the part of their animal influence, but also stand up to the vigor of modern kitchens and the palates of modern consumers.

But, what led to the introduction of this new category and why are people flocking to it? Does this latest craze have staying power, and what can you do to capitalize on the growing trend?

The simple reason why plantbased protein was introduced: The population of the world is increasing, and the more people

(continued on page 3)

# **MARKET UPDATE**

| Dairy         | PRICE   | LAST<br>MONTH | DIFF      |  |
|---------------|---------|---------------|-----------|--|
| Cheese Blocks | \$1.396 | \$1.510       | (\$0.114) |  |

The milk, cheese, and butter markets have been delayed in displaying their seasonal strength, hinting at weak demand. The downside risk for the dairy product markets, especially cheese, should be limited from here.

| Beef          | PRICE   | LAST<br>MONTH | DIFF      |  |
|---------------|---------|---------------|-----------|--|
| 50% Trimmings | \$1.895 | \$1.994       | (\$0.099) |  |

This year, per capita beef consumption is projected to be 2.9 percent weaker (y/y) but was raised by 0.6 percent (m/m). Expect higher beef prices at least in the near term.

| Poultry       | PRICE   | LAST<br>MONTH | DIFF    |  |
|---------------|---------|---------------|---------|--|
| Wings (Jumbo) | \$0.889 | \$0.879       | \$0.010 |  |

Other than chicken tenders, most chicken items usually soften in June, with the beef markets entering the record-high territory. This will surely boost chicken demand, which should support prices.

As of 6/16/23



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#### (cont. from page 1)

**Bread Flour** is a flour that is in between high gluten and all purpose. It carries a good amount of tolerance in terms of mixing, and fermentation, but has a softer mouth feel than gluten. It is a good choice for traditional style pizza or pan pizza, but can also be stretched thin if needed.

All Purpose Flour is an all around product that will not have the same elasticity as high gluten or bread flour, so it is not recommended for flat crust pizza. The dough made from this flour would yield a softer finish and texture (more like bread). This type of flour is good for deep dish pizza or thick crust.

#### **Other Treatments**

Besides the protein level there are many other treatments that might affect how your flour performs. The popularity of Unbleached and Unbromated flour has also started to rise. Bleached flour uses a bleaching agent to speed up the flours aging process and results in a finer, whiter grain. Unbleached flour forgoes the aging process and lets the flour whiten naturally, but often results in an off-white color. While bleached flour isn't necessarily harmful its an added chemical agent that some consumers prefer not to use.

Bromated flour is another chemical treatment that is an "improver" to strengthen dough and allow for greater oven spring. When added in the milling process at the prescribed rates, bromate is completely used up in the cooking process. However, if the dough or bread is not baked long enough or at high enough temperatures, a small amount might remain. Bromate has been banned from several countries (UK, Canada), and requires a special store level cancer warning sticker in California. Using unbromated flour will give a cleaner, less chemically altered product, but might require longer mixing times to achieve the same strength.

If you wish to try an unbleached and unbromated flour, the Bellissimo High Gluten pizza flour is a phenomenal product exclusively sold through your Bellissimo authorized distributor.



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### PLANT-BASED PROTEIN (cont. from page 1)

in the world, the harder it is to feed them all. Red meat and poultry are going to become harder and harder to provide to the masses. Thus, having alternatives that taste and act like protein are reasonable alternatives.

People who tend to spring for a plant-based alternative generally fall into two camps: <u>Camp A</u> sees plantbased protein as a healthier alternative, and getting a true portion of your protein intake from plants is in fact healthier than getting is it from a singular source such as red meat. That being said, some of the plant-based alternatives in the market, such as the Impossible Whopper, are still considered processed food, and aren't that much better for you than the original. <u>Camp B</u> are those who don't tie plant-based alternatives to health but see it as a way to combat climate change and a reduction in factory farming.

Whatever an individual's feeling on plant-based alternatives there is one overarching feeling that captures both camps – curiosity. People are curious to know how plant-based protein alternatives taste; and it's our (and your) objective to turn that curiosity into sales and sales margin.

Manufacturing plant-based alternatives is currently more expensive, but a portion of that additional cost is due to the fad being new. We have had hundreds of years to perfect the transition of a cow into a burger and it will take some time to gain efficiencies in plant protein. While the plant rage is hot, people are willing to pay more for it – thus you should make sure your menu reflects the increased cost of the product, labor and fees for stocking and cooking an additional item. In the long run, as meat prices continue to rise plantbased alternatives might be the alternative that keeps pricing down.

We have seen a general spike in the sales of plant protein alternatives, and it will slowly dissipate as certain key products become mainstays. But no matter what your feelings on the addition are, remember that every pie, pasta dish, or sub that you put into someone's hands represents your brand. Your brand is too important to dimish with any item, including plant-based protein. If you choose to make the leap and add plant-based protein to your menu, make sure that item is really exceptional and matches the same high quality product that you want to stand behind.

For more information on plant-based protein or any other products, visit bellissimofoods.com or contact your local BFC distributor.

3

## **INSIDE THIS ISSUE**

- The Right Flour For You •
- **Plant-Based Protein**
- **Market Report** .



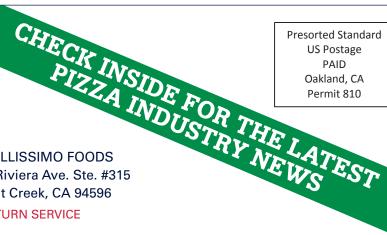
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1600 Riviera Ave. Ste. # 315 Walnut Creek, CA 94596 PH:925-472-8700

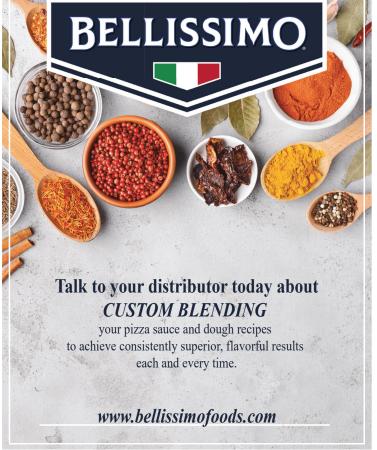
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