

## WHY NEXTA BIOLOGICALS?

We know yield potential is highest before seed goes into the ground. Nexta™ biologicals protect and preserve this yield potential season-long with our start, grow, finish approach. Maximum yields are a function of genetics by environment by management. While farmers have realized numerous advances in genetics and management, mitigating environmental stress has been largely out of their control. Until now. Using Nexta biologicals, farmers can **stress less and yield more.**



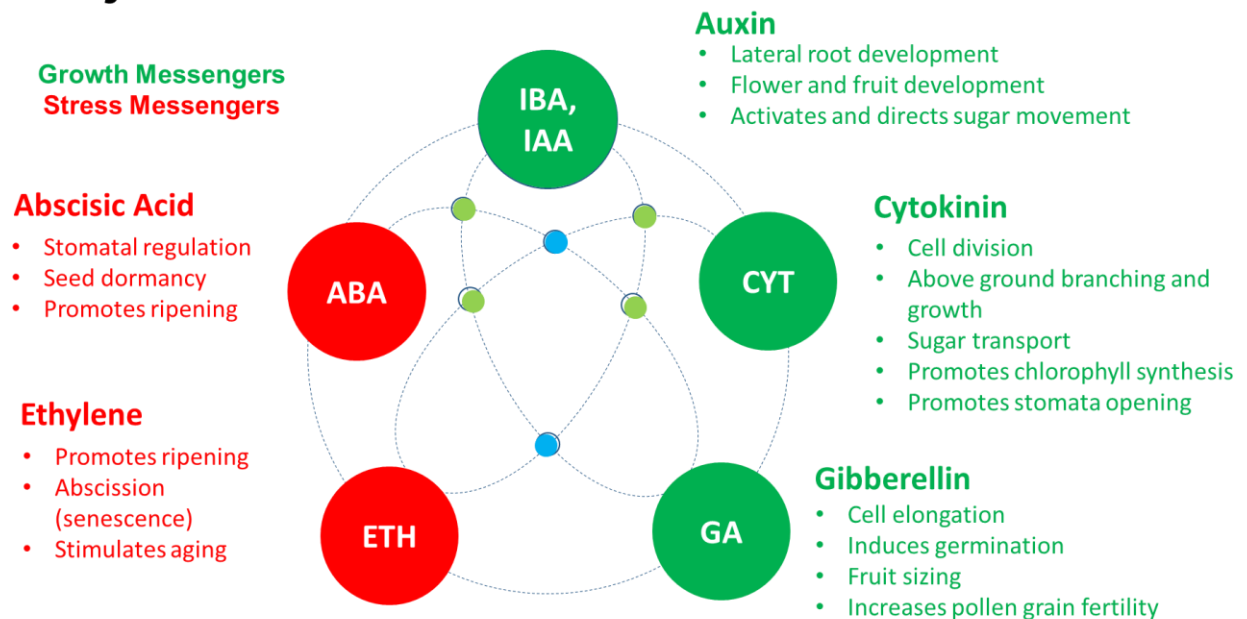
| Treatments                  | Application | Use Rate           | Field Trials Yield Advantage | Frequency of Positive Economic Return |
|-----------------------------|-------------|--------------------|------------------------------|---------------------------------------|
| Nexta™ Stand                | In-Furrow   | 4 oz/A             | 6.7 bu/A                     | 77%                                   |
| Nexta™ Stand                | V3-V5       | 4 oz/A             | 8.6 bu/A                     | 78%                                   |
| Nexta™ Swole + Nexta™ Spark | VT-R3       | 32 oz/A + 4-8 oz/A | 9.7 bu/A                     | 90%                                   |



| Treatments                   | Application | Use Rate           | Field Trials Yield Advantage | Frequency of Positive Economic Return |
|------------------------------|-------------|--------------------|------------------------------|---------------------------------------|
| Nexta™ Shield                | In Furrow   | 8 oz / A           | 4.9 bu/A                     | 88%                                   |
| Nexta™ Shield + Nexta™ Spark | V3-V5       | 8 oz/A + 8 oz/A    | 6.6 bu/A                     | 81%                                   |
| Nexta™ Swole + Nexta™ Spark  | R1-R3       | 32 oz/A + 4-8 oz/A | 5.1 bu/A                     | 90%                                   |

Protecting yield potential with Nexta™ products is straightforward and rooted in science. When plants are stressed, growth hormones are thrown out of balance. Instead of getting growth messages, plants receive stress messages. Growth messages preserve yield potential; stress messages take away yield potential. Supplemental applications of Nexta biologicals help ensure growth messages are sent at key yield determining growth stages.

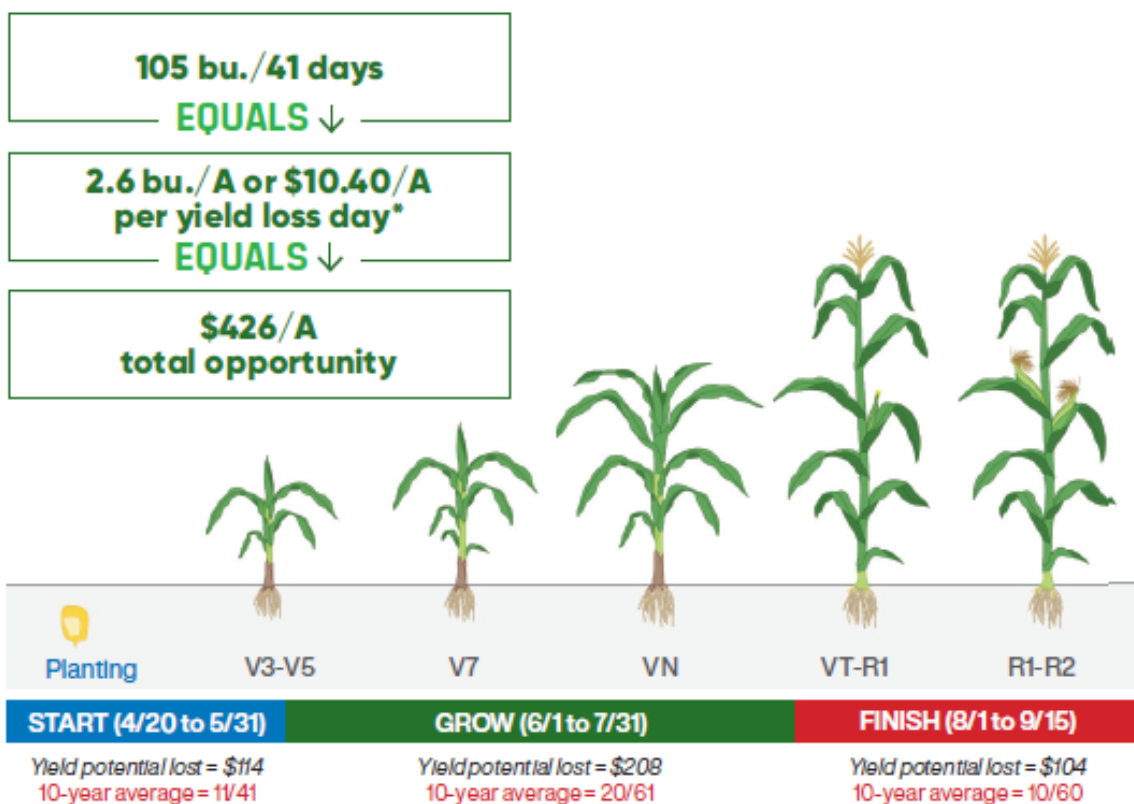
## 5 Major Plant Hormones



# PROTECTING YIELD

Here's a quick example to show the value of protecting yield potential. If we use the corn yield gap from earlier (105 bushels) and divide by the average of 41 yield loss days, we're losing 2.6 bushels or \$10.40 per acre per day (assuming a corn price of \$4 per bushel). Over the course of the season, that's a \$426-per-acre opportunity! Using the 37-bushel yield gap in soybeans, each yield loss day is worth \$9.93 per acre (assuming a soybean price of \$11 per bushel). That's a \$407-per-acre opportunity in soybeans.

## YIELD POTENTIAL IS HIGHEST WHEN SEED IS 'IN THE BAG'



And that's just the yield loss days due to temperature. The portfolio of Nexta™ biologicals is built to help protect against additional environmental stressors, like drought, so the actual opportunity may be even higher.