

Delivers Bolt-On Yield Potential to Further Differentiate Your Brand

You invest a lot of money and sweat equity into the hybrids and genetics you offer to your customers. Let us help you win more yield contests by protecting your corn seed with Vibrance® Cinco fungicide seed treatment.



 **Vibrance® Cinco**

syngenta®

BROAD-SPECTRUM DISEASE PROTECTION

What do you get when you add the RootingPower™ of Vibrance to the established, industry-leading disease protection of Maxim® Quattro seed treatment? The answer is Vibrance Cinco, which combines five powerful fungicide active ingredients and five effective modes of action in one jug to deliver the most consistent and comprehensive seed-applied disease protection ever offered on commercial seed corn.

Vibrance®

Mertect®

Dynasty®

Maxim®

ApronXL®

A.I.	Sedaxane	Thiabendazole	Azoxystrobin	Fludioxonil	Mefenoxam
FRAC GROUP	7	1	11	12	4
PYTHIUM	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
RHIZOCTONIA	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
FUSARIUM	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

= Excellent

= Good

= Poor

= None

Vibrance Cinco reflects the Syngenta Seedcare approach, which is to continually improve and optimize our product offerings to make the seed treatment packages you trust even better as new innovations become available. As you can see, layering multiple modes of action leads to more consistent performance, enhanced activity and greater resistance management.

SEED-BORNE DISEASE PROTECTION

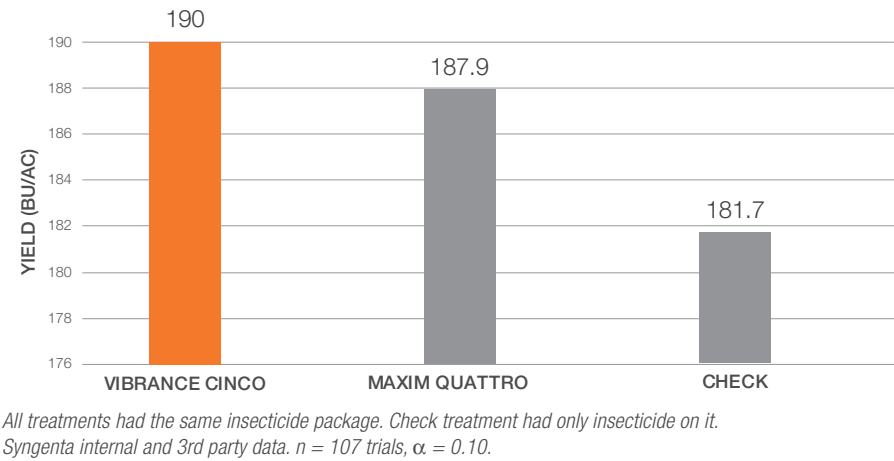
- Fusarium
- Cladosporium
- Helminthosporium
- Diplodia (Stenocarpella)
- Aspergillus
- Penicillium
- Sporisorium (Sphacelotheca)
- Mucor
- Rhizopus

SOIL-BORNE DISEASE PROTECTION

- Pythium
- Fusarium
- F. graminearum
- F. verticillioides
- Rhizoctonia
- Collectotrichum
- Diplodia (Stenocarpella)
- Macrophomina
- Penicillium
- Sporisorium (Sphacelotheca)

BOLT-ON YIELD POTENTIAL

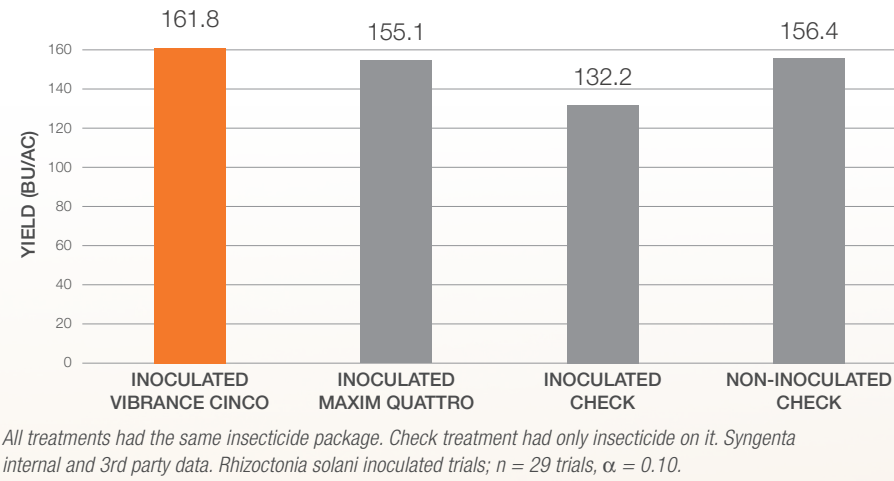
Adding Vibrance to Maxim Quattro maximizes the yield potential of your genetics with consistent bolt-on yield enhancement that is demonstrated in independent trials.



VIBRANCE CINCO DELIVERS A

2.1 bushel yield advantage

UNDER TYPICAL DISEASE PRESSURE



VIBRANCE CINCO DELIVERS A

6.7 bushel yield advantage

UNDER HEAVIER RHIZOCTONIA PRESSURE



THE ROOTINGPOWER OF VIBRANCE

Vibrance Cinco is built on the foundation of Vibrance, which goes beyond disease protection to boost a crop's RootingPower leading to improved yield potential. Robust root development ensures optimum nutrient and water uptake and enables plants to withstand in-season stresses and improve crop performance.

OUTPERFORMS THE COMPETITION

During 2017 field testing across 24 environments, Vibrance Cinco outyielded Acceleron® by **3.27 Bu/Ac with a 71% win record.**

VIBRANCE CINCO OUTPACES ACCELERON BY 3.27 BU/AC



Source: Syngenta internal and 3rd party field trials (n=24) 2017. All fungicide comparisons were on CruiserMaxx® Corn 250 and Poncho® 250.

Vibrance Cinco outperformed the new Acceleron corn fungicide package containing metalaxyl, fluoxastrobin and prothioconazole.

This yield advantage results from the powerful disease protection Vibrance Cinco offers, which leads to maximum root development, emergence, stand establishment, above-ground plant development and, ultimately, yield optimization.

CONSISTENT PERFORMANCE

Each year and environment is different, but a host of diseases are always present and lying in wait to attack the seed. Corn fungicide seed treatments should provide consistent protection no matter the environmental conditions. This consistency is critical to maximizing the yield potential of your genetics.

Each year, the Independent Professional Seed Association (IPSA) conducts third-party testing to evaluate seed treatments in a fair and unbiased manner and Vibrance Cinco was a clear winner. No other entry delivered this level of consistency across years in IPSA trials.

In 2017 IPSA multi-state seed treatment trials, Vibrance Cinco was used on **3 of the top 4 finishers.**

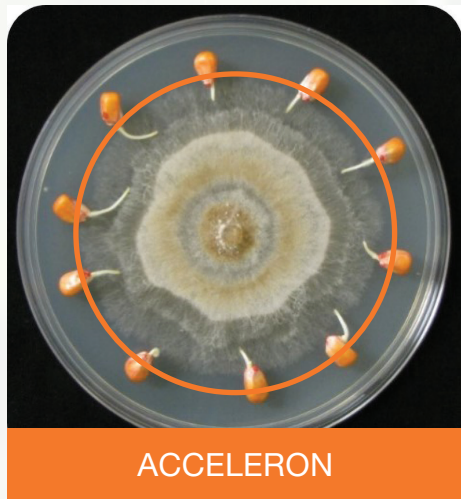
In 2016 IPSA multi-state seed treatment trials, Vibrance Cinco was used on **4 of the top 5 finishers.**

CONSISTENT FORMULATION

Vibrance Cinco was specifically engineered for corn and its components will be the same next year as they are this year, unlike competitive fungicide packages.



VIBRANCE CINCO



ACCELERON

These petri dishes show Vibrance Cinco protecting roots and kernels from *Rhizoctonia* compared to Acceleron, where *Rhizoctonia* has spread further into plant tissue as evidenced by the wider orange ring.

Syngenta Vero Beach Research Center, Vero Beach, FL, 2016

EASY APPLICATION AND HANDLING

- Vibrance Cinco is an engineered premix of five unique active ingredients that are designed to remain stable and apply easily at a low use rate of 0.53 fl. oz./80,000 kernels or 1.2 fl. oz./100 lbs. of seed.
- Vibrance Cinco is thoroughly tested for seed safety and stability on stored seed.
- Vibrance Cinco can be used with the latest polymers and visual appearance amendments.

COMPLEMENTS CRUISER OR FORTENZA INSECTICIDE SEED TREATMENTS

Vibrance Cinco can be combined with Cruiser® and/or Fortenza® insecticide seed treatments or Avicta® nematocide seed treatment for comprehensive disease and pest protection.

As you can see in the chart below, Vibrance Cinco plus Cruiser provides excellent control of all three of the most damaging corn diseases and an excellent visual vigor rating compared to Acceleron Standard, which only provides excellent control of one of the top three corn diseases.

VIBRANCE CINCO + CRUISER VS. ACCELERON STANDARD FUNGICIDE / INSECTICIDE PACKAGE

TRADE NAME	PYTHIUM	RHIZOCTONIA	FUSARIUM	VISUAL VIGOR RATING
Vibrance Cinco + Cruiser Insecticide	✓	✓	✓	✓
Acceleron Standard + Clothianidin Insecticide	✓	✓	✓	✓

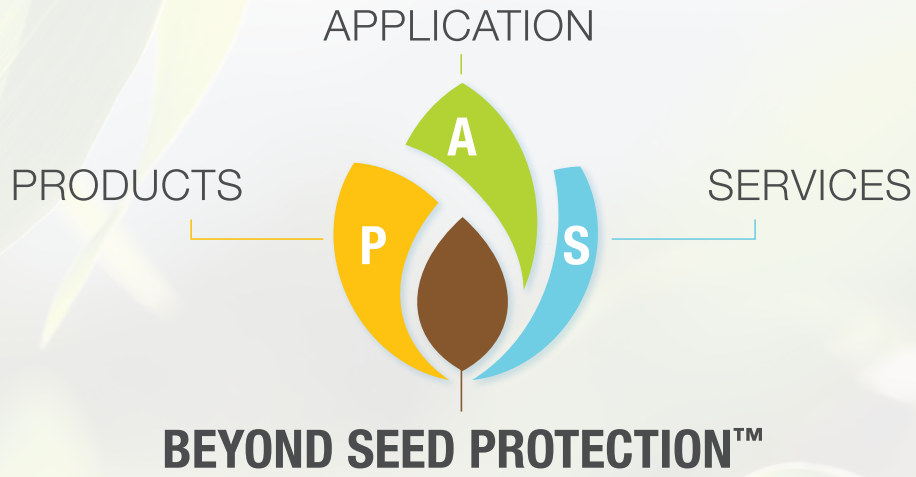
✓ = Excellent ✓ = Good ✗ = Poor ○ = None

Not only does Vibrance Cinco deliver more comprehensive disease protection and vigor, the metalaxyl rate in Acceleron (2g / 100kg of seed) corresponds to only one-half of the effective mefenoxam rate in Vibrance Cinco. Mefenoxam has approximately twice the concentration of the active isomer compared to metalaxyl. This is why Apron XL® is the worldwide standard for *Pythium* protection.

Efficacy based on Syngenta studies using labeled rate of active ingredients.

PROVES OUR LONG-TERM COMMITMENT

Vibrance Cinco is one of many seed treatment innovations in our pipeline that further proves our commitment to bringing forth the best, most sustainable long-term solutions for growers and seed companies. Syngenta Seedcare offers an industry-leading product portfolio based on world-class research, product development and support capabilities. We call our three-pillar offer P.A.S. – Products, Application and Services – which delivers value to our customers Beyond Seed Protection™.



Let us help differentiate your brand with the consistently demonstrated bolt-on yield potential of Vibrance Cinco.

Ask your Syngenta representative for more information on Vibrance Cinco, or visit
syngenta-us.com/seed-treatment/vibrance-cinco.

@SyngentaUS



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