



high performance wheat

Achieving higher yields...
year after year



2024-2025 Product Guide



*Sign up for the
Wheat Warriors!*



WELCOME TO AGRIMAXX WHEAT

The Home of High Performance Wheat[®]
and the 100 Bushel Club[®]

2023 was a remarkable year for the American wheat farmer and AgriMAXX Wheat. We received many videos and photos of great AgriMAXX yields from across the soft red wheat region of the U.S.

It was very cool to see all the recipients of 100, 125 and 150 Bushel Club awards this season. It was a record year for many. I am so proud of all the accomplishments and recognitions, including:

- 14 growers were state winners in the 2023 National High Yield Contest.
- 7 different varieties achieved these winning results: AM 520, 503, 513, 505, 525, 516 and 498.
- We had a record number of 150 Bushel Club awards given out!

The power of AgriMAXX genetics was really exhibited this year. You can have confidence that this lineup is outstanding. We will continue to keep the bar high for our wheat customers so that growing wheat is a very profitable part of your farm operation. Thank you for your business and being part of the AgriMAXX family.

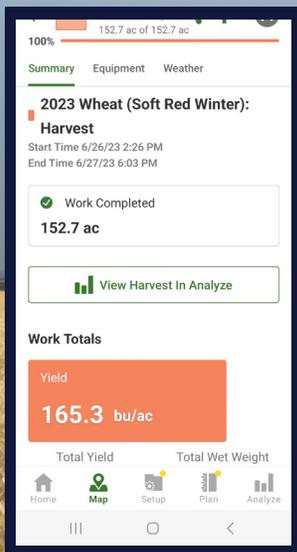


Warm Regards,

Dale

FOUNDER

AM 525



150 BUSHEL WHEAT IS POSSIBLE.
WHAT'S NEXT?



THE WHEAT SPECIALISTS

The largest independent,
family-owned wheat company

When you think of High Performance Wheat, think AgriMAXX. The AgriMAXX Wheat lineup brings you #1 yields, #1 test weights, #1 earliest on the market varieties, #1 disease resistance and the list continues.

Our National Wheat portfolio is dominant and expansive. We offer a lot of choices because every farm, grower and region is different. There is a reason why every variety is in the line up.

We encourage you to narrow the choices by area of adaptation, maturity desired and characteristics such as head scab, test weight, soil types, row spacing and more. Your AgriMAXX Representative will also help guide your variety selection process.

If appropriate, be sure to include an AgriMAXX Heavyweight™ and/or Defender™ variety on your farm. They are quite special!



Want heavy test weight capable of 66#? Maximize your grain quality and marketability by planting a Heavyweight™!



Want enhanced disease protection and top yield potential? Plant a Defender™!



TOP 150 BUSHEL CLUB VARIETIES



AM 525: New elite yields



AM 513: Heavyweight™ & Defender™



AM 503: #1 Smooth head

SOFT RED WINTER WHEAT

ULTRA EARLY AgriMAXX 520

HEAVYWEIGHT™



- Ultra early for quick start to harvest
- Heavyweight™! Superior test weight
- Great yields across Midwest for maturity class
- Aggressive tillering variety
- Responds to fungicides for enhanced leaf health

AgriMAXX 520 is the top of the ultra early maturity class, allowing a fast start to harvest. AM 520 packs a punch with our special HEAVYWEIGHT™ designation! Bringing more yield and heavier test weight into this ultra early class, growers will improve their wheat and double crop soybean returns. We like this variety even more in management programs that use fungicides and Palisade. AM 520 has shown broad adaptation to many soil profiles with great reviews in lighter soils. Growers will like its huge grain heads and attractive appearance in the field.

Maturity	Ultra Early
Head Type	Smooth
Height	Medium Tall
Test Weight	10+
Head Scab	7
Lodging	6



VERY EARLY AgriMAXX 492



- Excellent test weight
- Joints early, shows early nitrogen demand need
- Good for late planting
- Tillers well
- Fungicide at bloom recommended

AgriMAXX 492 is a very early variety with top-of-the-line test weight AND yield for the South. 492 tillers well and joints early, making it a better fit for later plantings. This variety works well across a wide range of soil profiles. Our data has shown that 492 provides a high ROI for a fungicide application at bloom. Growers will be impressed with the huge grain heads and attractive looks at harvest!

Maturity	Very Early
Head Type	Bearded
Height	Medium
Test Weight	10
Head Scab	5
Lodging	8



VERY EARLY/EARLY AgriMAXX 531

HEAVYWEIGHT™



- Heavyweight™ for elite test weight
- Late jointing variety, but matures early/very early
- Straw dries quickly & makes double cropping easier
- Very good head scab resistance
- Excellent milling & baking qualities

AM 531 is a HEAVYWEIGHT™ variety that brings value to the double crop farmer. This variety performs well in no-till with very good emergence. If you plant early, you will appreciate the late joint of 531 to lessen the risk of spring freeze damage. We like this variety in a fungicide program to help overall health and performance. Additionally, 531 minimizes head scab infections with a very good rating, enabling this variety to be planted behind corn and put high quality grain in the bin. Speaking of high quality, some mills have 531 on their preferred list.

Maturity	VE/Early
Head Type	Smooth
Height	Medium Tall
Test Weight	10+
Head Scab	8
Lodging	8



EARLY AgriMAXX 511



- Impressive yields in the early maturity class
- Joints late to lessen freeze risk
- Very quick dry down in field for early harvest
- Top notch head scab resistance
- Low straw yield & easy double crop planting

Double crop farmers will love AgriMAXX 511. For an early maturity, AM 511 can yield. We've found it works across a variety of soil profiles, with best performance on average to better soils. At physiological maturity, AM 511 has a rapid dry down. We've seen AM 511 test within 1% moisture difference of the ultra earlyies! AM 511 is a moderate plant stature with finer straw, which lessens straw yield and helps improve double crop soybean stands. In high fertility and high yield environments, we encourage the use of Palisade for improved standability.

Maturity	Early
Head Type	Bearded
Height	Medium Short
Test Weight	7
Head Scab	9
Lodging	7



SOFT RED WINTER WHEAT

EARLY/MEDIUM EARLY AgriMAXX 502



- Incredible yield potential
- Early maturity in North & Mid Atlantic. Medium early in Southeast
- Responds to fungicide at bloom
- Very good foliar disease resistance
- Resistant to Hessian fly

AgriMAXX 502 is an eastern U.S. standout variety with tons of yield. 502 has dominated our eastern and northern trials and has taken top yield honors in our eastern production fields. This variety tillers well and gets its yield from high head counts. 502 works well across most soils and can really perform in high yield environments. It has racehorse abilities to reach top-end yields when pushed with fertility and fungicides. It's a winner at the combine!

Maturity	Early/ME
Head Type	Bearded
Height	Medium
Test Weight	7
Head Scab	6
Lodging	9



MEDIUM EARLY AgriMAXX 503



- Proven top-end yielder with large area of adaptation
- Excellent head scab resistance & good test weight
- Palisade recommended in high fertility
- Place in all soils, but strong in lighter soils and/or lower fertility
- Good choice behind corn & soybeans
- Good choice for 15" rows

This medium early line is a big time variety. Growers can expect elite yields, excellent head scab resistance and strong foliar disease scores with 503. This variety has excellent stress tolerance to power through tough environments while maintaining superior yield potential for productive environments. 503 joints late for maturity class to lessen risk of spring freeze. 503 is the star-of-the-show and a show-off at harvest with huge head flex...producing 20+ spikelet heads. You'll want to show it off, too!

Maturity	Medium Early
Head Type	Smooth
Height	Medium Tall
Test Weight	9
Head Scab	9
Lodging	7



MEDIUM EARLY AgriMAXX 513

HEAVYWEIGHT™ + DEFENDER™



- Special variety! Heavyweight™ & Defender™
- Superior yields with agronomics
- Works across variety of soils
- Good choice behind corn & soybeans
- Good choice for 15" rows
- Joints late for maturity class

This 5-star variety holds a distinct honor of being both a DEFENDER™ and HEAVYWEIGHT™! Maximum plant health. Maximum test weight. Maximum yields. As a DEFENDER™, 513 has the best overall disease package and is a great fit for standard management programs. In high management programs, 513 has welcomed growers into our 150 Bushel Club! We also like how it tillers well, joints late, performs across all soil types and finishes with a timely harvest. 513 is simply a must plant on every farm.

Maturity	Medium Early
Head Type	Bearded
Height	Medium
Test Weight	10+
Head Scab	9
Lodging	8



NOTES

SOFT RED WINTER WHEAT

MEDIUM EARLY AgriMAXX 543

NEW



- Superstar in the East & South
- Strong tillering variety with stiff straw
- Hessian fly resistance
- Impressive plant health showcasing a clean flag leaf
- Great double crop variety with quick drydown

AM 543 is a new and exciting variety that is a shining star. This medium early variety offers a complete package to growers: strong yield stability, high disease resistance, stiff straw and good looks! The disease resistance is impressive, benefiting growers who are looking for protection against Hessian fly, BYDV, leaf rust, stripe rust and head scab. 543 works across all soil types to use as a go-anywhere variety. We've observed 543 can dry down quick at maturity for a quicker start to harvest. This is one to plant in 2024!

Maturity	Medium Early
Head Type	Smooth
Height	Medium
Test Weight	8
Head Scab	8
Lodging	9



MEDIUM AgriMAXX 514



- Top performer in South & Midwest
- Strong tillering capability, excellent for 15" rows
- Great choice for lighter soils & lower fertility environments
- Palisade recommended in high fertility
- Impressive all season & beauty at harvest

AgriMAXX 514 is a top yielding variety in the Midwest and South for multiple years. 514 is an aggressive tillering variety with a robust plant profile that works best in lower organic matter soils, low fertility environments, late plantings and areas where growers need more heads per sq/yd. This variety is better suited at average to lower populations versus higher populations. Good plant health and excellent head scab scores make it a beauty at harvest.

Maturity	Medium
Head Type	Bearded
Height	Medium
Test Weight	6
Head Scab	8
Lodging	6



MEDIUM AgriMAXX 505

HEAVYWEIGHT™



- Superior test weight, ranked #1
- Workhorse + racehorse combo
- Stiff straw for high fertility environments & higher populations
- Very good head scab resistance, good behind corn
- Widespread soil placement

AgriMAXX 505 is a HEAVYWEIGHT™ variety that showcases #1 test weight AND #1 yield finishes...a rarity and a must plant! Test weights in the 63-65# range will be a theme with this variety. When we evaluate yield, test weight, head scab, stripe rust and standability, 505 checks all the boxes. 505 can be planted in all soils and we have seen it beef up even more in productive and fertile environments. This leader variety has already become a farmer favorite and will set many new farm records.

Maturity	Medium
Head Type	Bearded
Height	Medium
Test Weight	10+
Head Scab	8
Lodging	9



MEDIUM AgriMAXX 525

DEFENDER™



- New & improved 454
- 454 type yielder with superior disease resistance
- Responds to high management & fertile soils
- Defender™ with excellent agronomics
- Looks to handle wetter soils like 454 does
- Maximizes photosynthesis all season long with erect canopy growth

AgriMAXX 525 is a new and improved version of 454...upgrade your horsepower to 525! The biggest improvement is noticed in disease resistance. When comparing 525 to 454, 525 has better BYDV, septoria leaf blotch, leaf rust, stripe rust and head scab resistance...a complete and consistent package. 525 packs a yield punch as well, winning state yield contests and welcoming growers into our 150 Bushel Club. 525 thrives in high management programs and fertile soils. We've seen this variety handle wet field conditions as well.

Maturity	Medium
Head Type	Bearded
Height	Medium
Test Weight	8
Head Scab	8
Lodging	9



SOFT RED WINTER WHEAT

MEDIUM AgriMAXX 535



HEAVYWEIGHT™

- Heavyweight™! Elite test weight
- New & improved version of 415
- Broad placement for all soil types
- Stiff straw for high management programs
- Excellent stress tolerance for stability
- Hessian fly resistance to most biotypes
- Responds to fungicide at bloom

AgriMAXX 535 is a HEAVYWEIGHT™ that is a new and improved AM 415. 535 dominates in the same footprint 415 did, so if you liked 415, you'll love 535. This variety can be placed across a wide variety of soil profiles and has the resilience to bring big yields, heavy test weight, great standability, good foliar disease scores and Hessian fly tolerance. Good years and tough years, 535 should be a consistent performer to depend on. Full speed ahead!

Maturity	Medium
Head Type	Bearded
Height	Medium
Test Weight	10+
Head Scab	7
Lodging	10



MEDIUM AgriMAXX 545



NEW

- New yield champion
- Elite performance across the midwest & northern regions
- Excellent choice for fields with high fertility
- Can be pushed in high management programs
- Great head scab scores
- Manage rusts with fungicides

AgriMAXX 545 is the new yield champion for wheat growers. This medium maturity variety unlocks a new level of top-end yield for high management programs. 545 is built for yield, yield and yield. This variety has excellent standability and head scab scores to benefit growers. With a later jointing date, you can plant this variety earlier in the fall with confidence. 545 is a great fit for average to better soils where you're looking to push yields. As with most racehorse varieties, we recommend the use of fungicides to help protect against rusts and elevate yield.

Maturity	Medium
Head Type	Bearded
Height	Medium
Test Weight	7
Head Scab	9
Lodging	9



MEDIUM/ MED. LATE AgriMAXX 516



- Superior performance in eastern U.S.
- Yield, yield & yield
- Adapted for all environments & soils... Mr. Go Anywhere
- Good choice if wanting to lessen freeze risk in the East
- Strong overall agronomics & plant health
- Hessian fly resistance to some biotypes

AgriMAXX 516 is a go-anywhere, dominant and stable variety across much of the major wheat growing regions. Regionally, 516 is a powerhouse and must plant in the eastern and northern growing regions, bringing a new level of yield. This variety checks all the boxes with top-of-the-line agronomics and eye appeal. 516 is a strong tillering variety that builds a high head count for elite yields, year after year.

Maturity	Medium/ ML
Head Type	Bearded
Height	Medium
Test Weight	7
Head Scab	9
Lodging	8



NOTES

SOFT RED WINTER WHEAT

MEDIUM LATE AgriMAXX 498



- Strongest in northern zones
- Good choice for growers wanting straw
- Responds to fungicides at bloom
- Excellent milling & baking quality
- Palisade recommended in high fertility
- High nitrogen use efficiency

AgriMAXX 498 replaced our popular 438. Visually, they look similar in the field, but 498 has better yield, standability, scab and test weight. 498 tillers well and has excellent winter hardiness for northern winters. It's a fuller season maturity that has a niche for growers wanting a longer season variety. If you are wanting straw, 498 is a good choice as it tillers well and is a taller variety. Our research has shown that 498 responds to fungicides at bloom for growers managing for top-end yields.

Maturity	Medium Late
Head Type	Smooth
Height	Medium Tall
Test Weight	6
Head Scab	6
Lodging	7



NOTES

SOFT WHITE WINTER WHEAT

MEDIUM AM Mackinaw



- Simply the best variety for Michigan
- Industry leading yield & head scab protection combo
- Moderate on rusts, could benefit from fungicides
- Stiff straw
- Many #1 finishes in the thumb of Michigan

AM Mackinaw is a high flying variety, full of eye appeal and ready to impress. It showcases next level yield performances in a high management system, making it an excellent choice for top growers. AM Mackinaw brings an improved FHB resistance and lower DON levels when compared to competitive varieties. Millers will enjoy the excellent quality this variety offers. Adapted to all soils and environments, AM Mackinaw is the crown jewel for SWW growers in Michigan.

Maturity	Medium
Head Type	Awnletted
Height	Medium Short
Test Weight	8
Head Scab	8
Lodging	10



HARD RED WINTER WHEAT

MEDIUM AM Cartwright



DEFENDER™

- DEFENDER™ with top rated disease resistance
- Excellent against stripe & leaf rust
- Very high top end yield potential
- Good planted early & late
- Excellent milling & baking quality

AM Cartwright is a medium maturity, high yielding variety for the Central Plains. As a DEFENDER™, it has one of the best leaf disease packages in the industry. Our data shows that in a non-fungicide program, Cartwright is one of the best you can plant. It holds a clean flag leaf all season with great scores against stripe rust and leaf rust. It also responds and stands well in high management programs, showcasing plot winning 100 bu/ac finishes! Cartwright carries Hessian fly resistance, moderate tolerance to acid soils, strong fall vigor, season-long attractiveness, elite plant health and big heads at harvest. A must plant!

Maturity	Medium
Head Type	Bearded
Height	Medium Short
Test Weight	7
Head Scab	5
Lodging	8



PLANT RATINGS

Scan the QR code with the camera on your smartphone to view all AgriMAXX Wheat Varieties on our website!



AGRIMAXX VARIETY	Maturity	Head Type	Plant Height	Yield Potential	Double Crop Suitability	Straw Yield	Winter Hardiness	Lodging	Test Weight	Head Scab	Leaf Rust	Stripe Rust	Septoria Leaf Blotch	Septoria Glume Blotch	Barley Yellow Dwarf Virus	Powdery Mildew	Hessian Fly Biotypes Resistance	Spring Freeze Tolerance Risk
500	UE	AL	MS	7	10	4	8	7	7	7	8	7	8	8	6	7	-	3
520	UE	S	MT	7	10	8	7	6	10+	7	6	5	7	8	6	6	-	4
492	VE	B	M	9	10	5	5	8	10	5	10	9	6	8	7	9	-	4
531	VE/E	S	MT	9	10	6	8	8	10+	8	8	7	4	8	6	5	-	8
511	E	B	MS	9	10	4	9	7	7	9	8	9	8	7	7	5	-	6
502	E/ME	B	M	10	10	6	9	9	7	6	7	8	7	8	6	8	B, C, D O, L	5
503	ME	S	MT	10	9	7	9	7	9	9	7	8	7	9	7	5	C	8
513	ME	B	M	10	9	8	8	8	10+	9	8	9	8	8	9	8	B, D O, L	8
NEW 543	ME	S	M	9	9	6	8	9	8	8	9	8	7	7	8	8	B, D O, L	5
514	M	B	M	10	7	8	8	6	6	8	7	9	8	7	8	7	-	6
505	M	B	M	10	8	5	8	9	10+	8	6	8	6	8	4	7	-	9
525	M	B	M	10	7	6	9	9	8	8	8	9	8	7	8	7	B, O, L	8
535	M	B	M	10	8	7	7	10	10+	7	8	9	7	6	6	8	B, C D, O	6
NEW 545	M	B	M	10	8	6	8	9	7	9	6	5	7	7	7	7	-	8
516	M/ML	B	M	10	7	7	9	8	7	9	6	8	8	7	8	7	B, O	8
498	ML	S	MT	10	6	9	9	7	6	6	5	8	8	8	7	5	-	8
Cartwright	M	B	MS	10	8	5	8	8	7	5	9	10	7	8	5	8	GP	7
Mackinaw	M	AL	MS	10	5	4	9	10	8	8	5	5	6	7	5	10	-	N/A

Ratings Scale: 10 = Excellent; 5 = Average; 1 = Poor
 Maturity Scale: UE= Ultra Early; VE = Very Early; E = Early; ME = Medium Early; M = Medium; ML = Medium Late
 Plant Height Scale: S = Short; MS = Medium Short; M= Medium; MT = Medium Tall; T = Tall
 Head Type Scale: B = Bearded; S = Smooth; AL = Awnletted

The ratings, information and recommendations are taken from breeder, university, company trials and field observations.

They are not guarantees as to the results, since those results may vary. No warranties either expressed or implied are intended by this chart.

ELITE YIELDS START WITH ELITE SEED TREATMENTS



PRIME ST™

BASIC, STANDARD, or ADVANCED

PRIME ST™ is a seed treatment technology specifically designed to increase yield and improve our customer's bottom line profitability. By protecting the plant from early-season diseases and insects,* PRIME ST™ creates a stronger, healthier plant in the field to maintain maximum yield potential. The PRIME ST™ technology also improves seedline germination and enhances root mass for optimum water and nutrient uptake. Not only will PRIME ST™ protect yield, it helps reduce stickiness and enhances the seed flow for improved plantability.

**Insect protection available in the standard and advanced package.*

Powered By:



PRIME BASIC

- Multiple fungicide active ingredients
- Protects against *Pythium* (soilborne seedling blight, root rot, damping off)
- Protects against *Rhizoctonia* (seedborne and soilborne seedling blight, root rot, damping off)
- Improves rooting power
- Better stress tolerance

PRIME STANDARD

- All benefits of PRIME Basic + aphid rate insecticide
- Early season *aphid* control (Bird cherry-oat, English grain, and Russian wheat)
- Protects against *Greenbug*
- Protects against *Hessian fly*
- Protects against *Wireworm*
- Improves plant vigor & health

PRIME ADVANCED

- All benefits of PRIME Standard + nutritional enhancement
- Enhances tillering and promotes more aggressive roots
- Healthier plant for improved stress tolerance and higher yields

THE CORNERSTONES OF 100 BPA WHEAT

1

Seeding & Planting

Laying the foundation is the starting point: plant the very best seed. AgriMAXX has the best genetics, quality and care for high yields. Scan the QR code on the right to learn about the best seeding and planting tips from AgriMAXX specialists.



2

Fertility

Nitrogen is the single largest contributor to yield, but phosphate, potassium and sulfur play key roles within the plant as well. Scan the QR code with your phone to learn more about fertility and our variety response to nitrogen study.



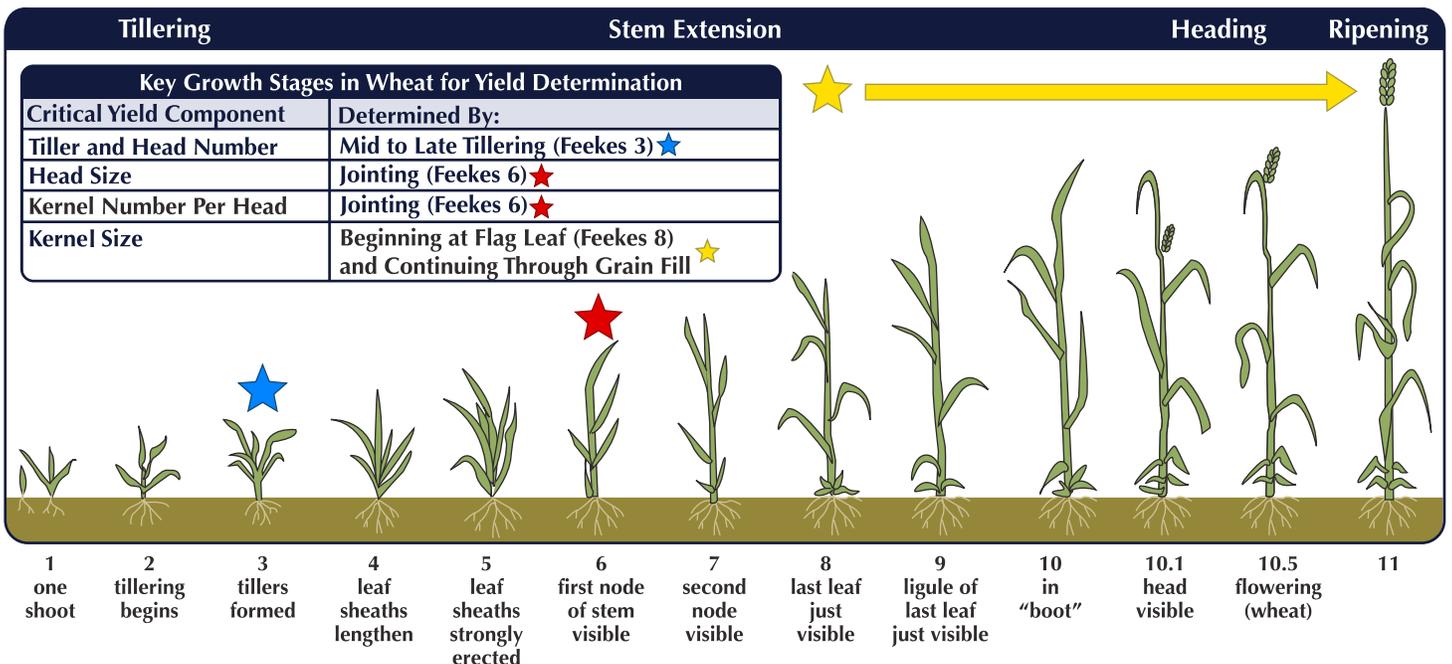
3

Weeds, Insects & Plant Diseases

Controlling the controllables is important for top yield potential. Weeds, insects and diseases are all yield robbers and can hurt a grower's profitability. Scan the QR code to learn more about them and management tips for top yield potential.



WHEN DO YOU INFLUENCE YIELD?



DELIVERING SUPERIOR WHEAT TO THE AMERICAN FARMER



AgriMAXX Wheat Company, LLC
7167 Highbanks Road, Mascoutah, IL 62258
(855) 629-9432