

## Wheat Variety Package (central and northern Illinois and Indiana):

### 25R39: **NEW**

PRODUCT	YIELD	TEST WEIGHT	SEED SIZE	LODGING RESISTANCE	HEIGHT	WINTERHARDINESS	DROUGHT TOL.	LEAF BLDG	LEAF RUST	STRIPE RUST	POWDERY MILDEW	SCAB	SPINDLE STREAK MOSAIC VIRUS	SOLEBORN MOSAIC VIRUS	HESSIAN FLY	HEAD TYPE	FLOUR SOFTNESS SCORE	FLOUR YIELD SCORE	GLUTEN STRENGTH SCORE
25R39*	9	7	8	5	5	6	5	6	8	9	5	5	4	5	5	Awnless	5	5	6

Ratings: 9 = Excellent; 1 = Poor. Height: Low scores = shorter. Blank = Insufficient Data.

**Full season variety that is best adapted to more northern areas in Illinois and Indiana, and with growers who do not plan to double-crop soybeans. Strong defensive variety with very high yield potential.**

- Awnless variety with heading date one day later than 25R47.
- 25R47 companion for improved test weight and above average straw strength; may yield 3 percent less than 25R47
- Overall strong defensive package
- Minimum recommended seeding rate 1.4 million seeds per acre. Yield potential is significantly reduced at lower than recommended seeding rate.
- Good winterhardness (not quite as good as 25R47).

### 25R62:

PRODUCT	YIELD	TEST WEIGHT	SEED SIZE	LODGING RESISTANCE	HEIGHT	WINTERHARDINESS	DROUGHT TOL.	LEAF BLDG	LEAF RUST	STRIPE RUST	POWDERY MILDEW	SCAB	SPINDLE STREAK MOSAIC VIRUS	SOLEBORN MOSAIC VIRUS	HESSIAN FLY	HEAD TYPE	FLOUR SOFTNESS SCORE	FLOUR YIELD SCORE	GLUTEN STRENGTH SCORE
25R62	9	4	4	7	3	6	6	5	5	8	7	6	5	7	5	Awned	6	7	5

Ratings: 9 = Excellent; 1 = Poor. Height: Low scores = shorter. Blank = Insufficient Data.

**Very high yielding variety with strong lodging resistance, fast drydown, and above average scab resistance. Performance has been strong throughout Illinois, but it is slightly less winterhardy than 25R47 and 25R56.**

- Good winterhardness (not quite as good as 25R47).
- Smaller seed size which customers will like.
- Works well across the entire state with some lessening of the advantage as it moves north where 25R47 is tough to beat.
- Test weight score is average, but the fast drydown of this variety may unfairly hurt its test weight in plots (first varieties ready for harvest may have to wait for harvest until rest of plot is ready). With timely harvest, test weight has been better. Use this as more of a replacement for 25R47 (especially as you move south) than a companion because of the test weight.
- Virus package is very good and probably best in the lineup. Does well on SSMV and appears strong for BYDV tolerance.
- Drydown is very rapid making this a great double-crop variety. Will harvest just as early as 25R78.
- Good choice for highly productive and manured fields, especially if pushing N rates because of strong straw strength.
- Resistant to Hessian fly.
- Leaf rust is below average but unless rust comes in early this should not be a problem.
- Above average drought tolerance, but not quite as strong on sandy soils as 25R47.

### 25R56:

PRODUCT	YIELD	TEST WEIGHT	SEED SIZE	LODGING RESISTANCE	HEIGHT	WINTERHARDINESS	DROUGHT TOL.	LEAF BLDG	LEAF RUST	STRIPE RUST	POWDERY MILDEW	SCAB	SPINDLE STREAK MOSAIC VIRUS	SOLEBORN MOSAIC VIRUS	HESSIAN FLY	HEAD TYPE	FLOUR SOFTNESS SCORE	FLOUR YIELD SCORE	GLUTEN STRENGTH SCORE
25R56	9	5	4	5	3	7	5	6	7	9	6	5	4	5	R	Awnless	5	6	3

Ratings: 9 = Excellent; 1 = Poor. Height: Low scores = shorter. Blank = Insufficient Data.

**A leader for the northern and central portions of Illinois and Indiana. Excellent yield potential with very good winterhardness. Fast drydown helps this variety harvest early, similar to 25R78.**

- Awnless variety with similar winterhardness to 25R47.
- Offers test weight improvement over 25R47, but slightly less tolerant of the drought stress associated with sandy soils.
- Straw strength is not quite as good as 25R62. That could be an issue for intensive management and manured fields.
- Lower score for SSMV but has been holding its own.
- Fast drydown makes this a good double crop option. Will harvest just as early as 25R78.
- It was observed in 2008 and occasionally in 2009 as a variety that was hard to thresh clean. This may have been related to SSMV infection. Straw also can break apart if it doesn't have some green in it. Harvesting a little wetter will help with this.

## 25R47:

PRODUCT	YIELD	TEST WEIGHT	SEED SIZE	LODGING RESISTANCE	HEIGHT	WINTERHARDNESS	DROUGHT TOL.	LEAF BLIGHT	LEAF RUST	STRIPE RUST	POWDERY MILDEW	SCAB	SPINDLE STREAK MOSAIC VIRUS	SOYBEAN MOSAIC VIRUS	HESSIANFLY	HEADTYPE	FLOUR SOFTNESS SCORE	FLOUR YIELD SCORE	GLUTEN STRENGTH SCORE
25R47	9	3	7	6	3	7	7	3	8	7	3	3	3	3	5	Awned	6	8	3

Ratings: 9 = Excellent; 1 = Poor. Height: Low scores = shorter. Blank = Insufficient Data.

**Outstanding variety for central and northern Illinois and Indiana. The proven leader! Top yields, dependable performance on a wide range of soils and very good winterhardness.**

- Tough to beat on yield.
- 25R47 may be our best variety on sandy soils and tougher soils.
- Other than test weight, 25R47 doesn't make too many mistakes.
- Lighter test weight and later maturity reduce its fit as you move south into double-crop areas
- 2<sup>nd</sup> half of harvest for those with double-crop plans

## 25R54:

PRODUCT	YIELD	TEST WEIGHT	SEED SIZE	LODGING RESISTANCE	HEIGHT	WINTERHARDNESS	DROUGHT TOL.	LEAF BLIGHT	LEAF RUST	STRIPE RUST	POWDERY MILDEW	SCAB	SPINDLE STREAK MOSAIC VIRUS	SOYBEAN MOSAIC VIRUS	HESSIANFLY	HEADTYPE	FLOUR SOFTNESS SCORE	FLOUR YIELD SCORE	GLUTEN STRENGTH SCORE
25R54	7	7	5	8	5	5	5	5	5	8	7	7	5	5	MR	Awned	6	8	5

Ratings: 9 = Excellent; 1 = Poor. Height: Low scores = shorter. Blank = Insufficient Data.

**Scab-resistant variety that is best adapted to central and southern Illinois. Very good test weight and fast drydown help make this variety a good choice for growers wanting to double-crop soybean following wheat.**

- Early harvest variety. Will normally harvest same time as 25R78.
- Test weight is very good, nearly as good as 25R78.
- Scab resistance is very good.
- Tallest variety in the lineup, but straw strength is very good.
- 25R54 lacks the winterhardness to move very far north into central and northern Illinois and Indiana.
- Can handle higher fertility.

## 25R78:

PRODUCT	YIELD	TEST WEIGHT	SEED SIZE	LODGING RESISTANCE	HEIGHT	WINTERHARDNESS	DROUGHT TOL.	LEAF BLIGHT	LEAF RUST	STRIPE RUST	POWDERY MILDEW	SCAB	SPINDLE STREAK MOSAIC VIRUS	SOYBEAN MOSAIC VIRUS	HESSIANFLY	HEADTYPE	FLOUR SOFTNESS SCORE	FLOUR YIELD SCORE	GLUTEN STRENGTH SCORE
25R78	8	8	7	8	3	5	6	4	8	4	5	4	5	6	MR	Awned	6	7	5

Ratings: 9 = Excellent; 1 = Poor. Height: Low scores = shorter. Blank = Insufficient Data.

**Early heading variety that maintains test weight under most conditions. Highly suitable for intensive management due to excellent lodging resistance and potential to respond to fungicide applications.**

- Early heading variety with excellent test weight and lodging resistance.
- Do not introduce to new customers
- Can 25R62 replace this where lower test weight can work
- Despite breaking dormancy earlier than other varieties in lineup, tolerance to late cold snaps appears above average.
- Prone to more leaf blight and scab.