

Mid-America Seeds & Agri-Services, LLC

MAIZE PORTFOLIO

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Portfolio Information

MASA is specifically choosing selective representative hybrids from our portfolio and listing their agronomic traits. Please be aware that MASA has selected only a few in each of three categories of Early, Mid-Season and Full Season hybrids based on RM/Heat unit requirements.

Also, we provide a rating overview of selected agronomic traits that I am listing as:

- Good (*);
- Above Average (**);
- Excellent (***)

These notes are based on performance of the plot average over multiples years and locations.

Contact details

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Maize Manager

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**Early maturity = 77-89 RM or 2350-2675 Heat
Units**

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77 RM/2350 

Emergence	Standability	Dry down	Yield	Test Weight
**	*	***	**	**

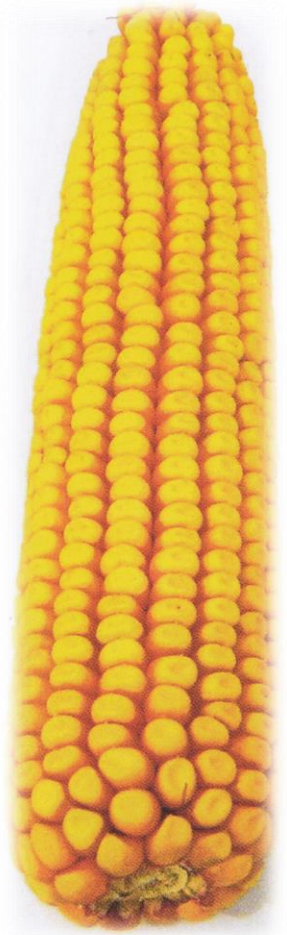
Characteristics/Quality:

- Very early hybrid
- High test weight
- Rapid dry down because of early flowering
- Very dependable yield on medium-tall plants
- Excellent emergence with great growth and vigor
- Has 7-8 inches ears, red cobs and average of 16 rows of kernels
- Very good stalk and good brace roots
- Ideal for northern climates and short season

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80 RM/2400 

Emergence	Standability	Dry down	Yield	Test Weight
*	*	***	***	***

Characteristics/Quality:

- Outstanding yield for being early
- Most suited for better soils in cooler or northern climates
- It has a fantastic dry down, yield and test weight
- Ears are 8.5 inches in length with an average of 16 rows of kernels on a red cob

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82 RM/2450 

Emergence	Standability	Dry down	Yield	Test Weight
**	**	**	**	**

Characteristics/Quality:

- Great early hybrid with early season vigor and growth
- Appears to perform well under stress
- It has early flowering
- Excellent dry down
- It has strong roots and performs well in all soil types

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83 RM/2500 

Emergence	Standability	Dry down	Yield	Test Weight
**	*	**	***	**

Characteristics/Quality:

- Very good hybrid and very strong performer with outstanding yield for the RM
- Good early season vigor
- Great standability, roots and dry down
- It has on average 18 rows of kernels on a red cob
- The ears are 8 inches in length

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84 RM/2525 

Emergence	Standability	Dry down	Yield	Test Weight
***	**	*	*	*

Characteristics/Quality:

- Dual purpose hybrid: grain and silage
- Tall plant and leafy
- It has strong roots and disease package
- The ears are 9 inches in length on a red cob with average of 18 rows of yellow kernels with slight red on some of them

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89 RM/2675 

Emergence	Standability	Dry down	Yield	Test Weight
***	***	***	***	***

Characteristics/Quality:

- This hybrid has an excellent short early season emergence
- Strong growth and excellent vigor, looking good all season
- It has very early pollination, black leyer and dry down
- The ears are medium placed, about 9 inches in length with an average of 16 rows of nice yellow kernels and dark brown cob
- The yeld is a top performer and it has a good foliage and excellent to diseases in areas tested
- It appears to be stress and drought tolerant

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**Mid-Season = 91-99 RM or 2700-2925 Heat
Units**

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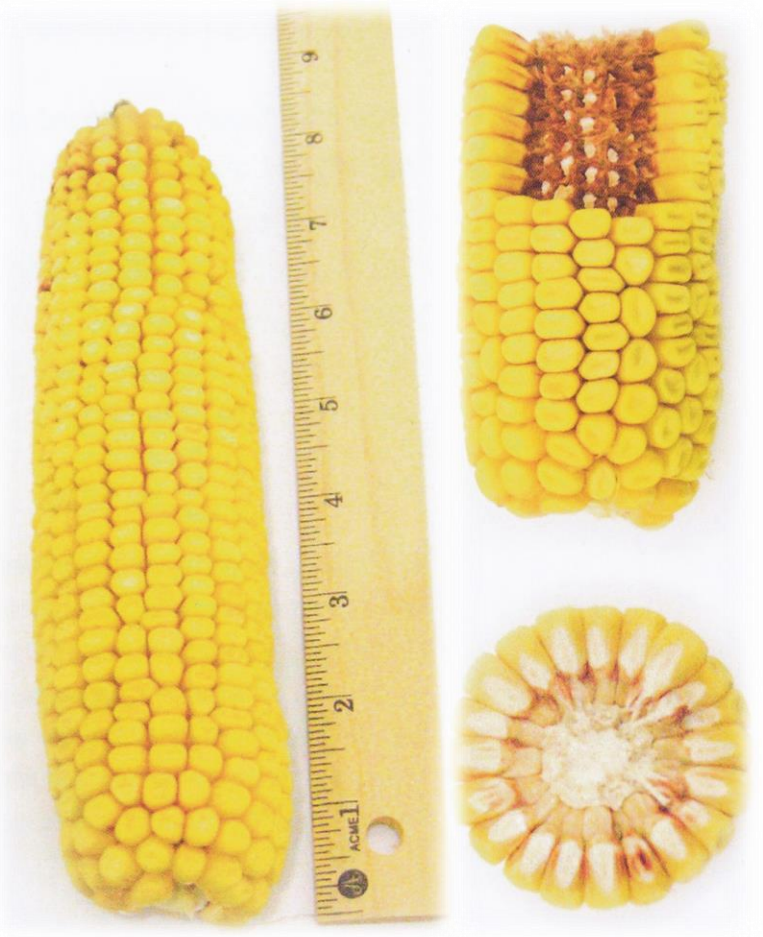
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92 RM/2725 

Emergence	Standability	Dry down	Yield	Test Weight
**	**	**	**	**

Characteristics/Quality:

- This is a very season long healthy plant with the better average stalks and brace roots
- It has an excellent early season vigor and a robust early season growth with yield above the general average
- This hybrid is medium tall with robust 8-9 inches semi-flex ears
- Nice robust ears with an average of 20 rows of yellow kernels on a red cob
- It has shown no disease or pest problems

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94 RM/2775 (10)

Emergence	Standability	Dry down	Yield	Test Weight
**	**	**	**	**

Characteristics/Quality:

- Dual purpose hybrid: grains and silage
- Great hybrid excellent yield, standability and over a top performer over locations and years
- The ears are 9 inches, robust with large yellow kernels with an average of 14 rows per ear on a red cob
- Semi-flex ear and great for machine harvest

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96 RM/2825 (11) 

Emergence	Standability	Dry down	Yield	Test Weight
***	**	***	***	**

Characteristics/Quality:

- This hybrid has a strong vigor and growth with very dark upright leaves.
- It has a medium-tall
- Ears are flexible and robust with 8 inches long with an average of 16 rows of very golden kernels on a pink-red cob
- It is great for machine harvest

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97 RM/2850 (12) 

Emergence	Standability	Dry down	Yield	Test Weight
**	**	**	***	**

Characteristics/Quality:

- One of our best hybrids
- Great yield and solid agronomic traits
- Great disease package
- Performs well across soil types, especially heavy soils
- Mid-tall plant, medium ear height, 9 inches ears with 16 rows of yellow kernels with blush of red on dark red cob

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MASA 2016-13



98 RM/2875 (13) 

Emergence	Standability	Dry down	Yield	Test Weight
*	**	**	***	*

Characteristics/Quality:

- Dual purpose hybrid: grain and silage
- High yield consistent over locations with fantastic drought tolerance
- Very green plants for entire season
- Nice 9 inches ears at medium height and great flex
- The ears have an average of 16 rows of kernels with golden dent and brush of red on sides with a pink-light red cob

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99 RM/2900 (14) 

Emergence	Standability	Dry down	Yield	Test Weight
***	***	***	**	**

Characteristics/Quality:

- Strong hybrid with very good disease package, great overall health and stress resistance characteristics
- Great early season emergence with great growth and plant color
- Very good dry down and great grain quality
- Tight husks at end of robust 8-9 inches ears with an average of 16 rows of golden capped kernels with reddish tinge on sides
- Cobs are dark red and almost brown
- Very good flex and easy machine harvest

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100 RM/2925 (15)



Emergence	Standability	Dry down	Yield	Test Weight
***	***	***	**	**

Characteristics/Quality:

- Dual purpose hybrid: grain and silage
- Great yield in both purposes
- Large bulk ears with tight husk and great disease package with dark green leaves throughout the season
- Great stalks, roots and standability
- It also has white digestible cobs with 8 inches ears
- Golden dent caps and reddish brown brush on side of side

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**Full-Season = 100-114 RM or 2925-3400 Heat
Units**

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MASA 2016-16



99 RM/2925 (16)



Emergence	Standability	Dry down	Yield	Test Weight
**	**	**	***	*

Characteristics/Quality:

- Great yield from this Hybrid across all soil types
- Large ears on medium tall plants and has strong stalk and brace roots
- Tight husks and ears have excellent flex
- Ears are 8 inches in length with an average of 18 rows of kernels
- Nice golden kernels on light red cob
- Great ratings

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101 RM/2975 

Emergence	Standability	Dry down	Yield	Test Weight
***	*	**	***	**

Characteristics/Quality:

- Great hybrid that shoots out of soil in spring, fast growth and a top yielder
- Robust with 8 inches ears and average of 16 rows per ear
- Kernel with golden and pink cob
- Consistent yields over locations and soils
- Excellent yields

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105 RM/3050 (17)



Emergence	Standability	Dry down	Yield	Test Weight
**	***	*	***	**

Characteristics/Quality:

- Excellent yields on ears placed medium height on tall plant that is dark green all season
- Great stalks and strong brace roots
- Produces huge tonnage of silage and/or grain with absolute excellent dual purpose hybrid and also, available as organic grown
- Ears are semi-flex and 9-10 inches long
- Kernels are light yellow with an average of 16 rows on a pink cob

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106 RM/3100 (18)



Emergence	Standability	Dry down	Yield	Test Weight
**	***	*	***	*

Characteristics/Quality:

- Very dependable hybrid across locations and soils
- Beautiful grain and quality
- Ears are 8-9 inches and kernels are golden color with brush of red on sides and are on a dark brown cob
- Ears have tight husks and good flex
- Fast dry down
- Very good disease package

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110 RM/3200 (19)

Emergence	Standability	Dry down	Yield	Test Weight
***	**	**	***	**

Characteristics/Quality:

- Excellent yield potential standability and pollinates early and fast
- Very good dry down for full season hybrid
- It can be grown at higher plant populations per acre (ppa)
- It has a nice even robust 9 inches ears
- Kernels are golden with an average of 16 rows per ear and brown cob

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112 RM/3300 

Emergence	Standability	Dry down	Yield	Test Weight
**	**	*	**	**

Characteristics/Quality:

- Dual purpose hybrid: grains or silage
- Very good early season growth and nice foliage
- Great dry down and very high yield even it grows in higher populations
- It does well in higher clay soils
- Ears are 9 inches long with an average of 16 rows of yellow kernels on a pink cob

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Additional notes

All hybrids I have selected have above average to excellent yield and test weight. The early season hybrids are targeted to more northern and higher elevation areas. When these early season hybrids are planted in areas of the mid or full season, they can take a few more days to reach maturity.

Emergence is important because we target strong emergence especially in the colder and shorter season areas.

Standability includes other agronomic notes such as stalk strength, brace roots, plant height and ear placement while ear flex is important along with **dry down** for machine harvest.

Yield and **Test weight** are the most important traits for most of our target customers/growers, because they have the implicit factors of both quantity and quality of grain. While we do have longer season hybrids, between 111 and 118, I have included only two here. Further, we have some dual purpose hybrids that can be used, for silage and grains. These dual purpose hybrids are very popular among dairy producers who want and have needs for both foliage and grain.

We trust the above information will be helpful for a discussion of needs for any client/customer.

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