



2018 Soybean Variety News

Xtend Saved by Higher Yields!

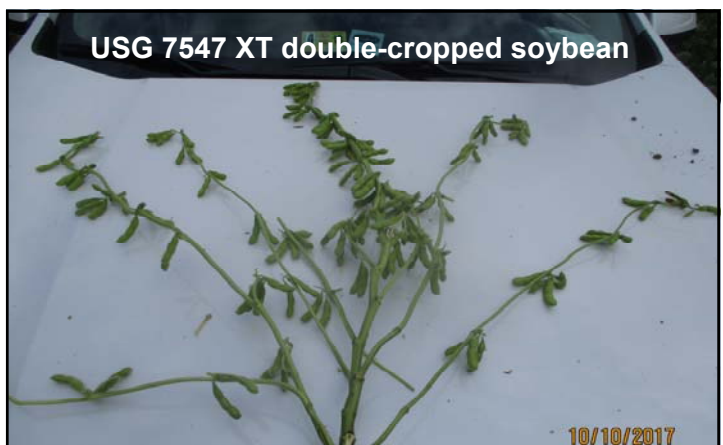
The introduction of Xtend soybeans in 2017 confirmed the challenges of the dicamba weed control system.

Regardless, weed control needs will still drive variety selection in 2018. With better understanding of this weed control system, we believe interest in Xtend soybean varieties will actually grow due to the exceptional yields delivered in 2017. Without a drop of rain from Sept 4 to Oct 11 in Central VA, double-cropped soybeans have produced pleasantly surprising yields. These yields are coming from the large seed size and many four-bean pods per plant.

Renwood Farms has produced seven Xtend varieties for sale in 2018. Among these are a high-yielding MG 4.9 with Root Knot Nematode resistance and the best MG 5.4 (see photos) ever offered by USG for the Mid-Atlantic.

Renwood Farms also offers proven Roundup-Ready 2, Roundup-Ready, Liberty-Link and two conventional soybean varieties. Many of the USG varieties produced by Renwood Farms have the STS trait to enhance weed control options.

What ever your weed situation, Renwood Farms and USG has your soybean seed needs covered in 2018!



USG RR & Conventional Soybean Varieties

Renwood Farms offers both Round Ready and conventional soybeans for sale in 2018.

USG 74B58: This large-seeded, medium-short, tawny STS variety has high yield potential with resistance to SDS, Frogeye Leaf Spot, stem canker and SCN 3 and 14. Very easy to harvest.

USG 7495nRS: This medium tall plant height has the STS trait: bushy stature with good resistance to SDS and SCN 3 and 14. It has performed very well as a double-cropped bean for many years.

USG 7553nRS: The standard in a MG5 STS soybean. A tough bean that will pleasantly surprise growers with impressive yields; remarkable shatter resistance with a substantial disease package.

Ellis is a conventional MG4.9 release (**non-Roundup Ready**) soybean with a strong disease package including resistance to stem canker, Cercospora, and Frogeye Leaf Spot. **Ellis** placed first in the VA Tech 2015 OVT full-season trials averaging better than 64 bushels per acre.

USG 5618V (new): is a conventional (**non-Roundup Ready**) MG 5.6 tawny soybean from the VA Tech breeding program. It is a high-yielding soybean with excellent brown spot, stem canker and Frogeye Leaf Spot resistance. It has good emergence and stands well with a medium-height and semi-bushy structure.



Genetics That Yield: Round Ready 2 USG Varieties

The Roundup Ready 2 soybean varieties from USG have performed very well in the VA Tech Official Variety trials (OVT) and Extension On-Farm soybean variety tests.

USG 74D95RS: A high-yielding MG 4.9 soybean with resistance to *Root-Knot Nematode*. Excellent resistance to stem canker with above-average resistance to Frogeye Leaf Spot and SDS. Produced 84.7 bu. /acre in irrigated Renwood Farms 2014 Variety Trial.

USG 74K95RSN: Top-yielding MG 4.9 in VA Tech 2016 OVT Trials with excellent emergence and shatter resistance. Moderate resistance to Frogeye Leaf Spot, stem canker and SDS makes this a good choice for full-season and early double-crop. A medium-tall, semi-bushy growth habit makes it easy to harvest. Also resistant to R3 and R14 soybean cyst nematode: yields well in good conditions but still performs under stress.

USG 74A74RS: This 2014 release is a high-yielding STS bean with tolerance to *Root-Knot Nematode*.

Top yield in Renwood Farms 2014 Variety Trial at 96.8 bu. /acre: with excellent resistance to stem canker and above-average resistance to Sudden Death Syndrome (SDS).

Georgia farmer Randy Dowdy produced a new Georgia Irrigated Soybean Yield Contest record of 121 bu. /acre in 2015 with USG 74A74RS. In 2016, Dowdy set a world irrigated soybean yield record of 171 bu. /acre, again with USG 74A74RS

USG 76J90R: Top yield in NCSU OVT 3-year trials; resistant to *Root-Knot Nematode* and SCN Race 3; moderately resistant to SCN Race 14. Excellent resistance to stem canker and very good resistance to Cercospora and Frogeye Leaf Spot: handles stress on light soils, produces very good yields on good soils.

USG 76S73RN: The #1 soybean yield in NC State 2014 OVT. A semi-bushy tawny soybean with medium height and above-average resistance to Cercospora. Has resistance to *Root-Knot Nematode*. Performs best in high-yield conditions but handles stress well.

2016 Maturity Group 4 On-Farm Soybean Results

Brand	Variety	King & Queen	Westmoreland	Lancaster	Prince George	Brunswick	Mecklenburg	VA Beach	Dinwiddie	Avg. Yield	Rel. Yield
USG	74D95RS	57.4	65.7	49.6	31.4	52.4	31.1	56.1	83.4	53.4	106
Asgrow	AG4835	59.5	58.6	52.5	35.4	49.8	28.6		82.6	52.4	105
Seed Consultants	SCS9474RR	54.7	59.7	51.9	35.6	51.7	30.2	59.9	75.9	52.5	105
Seed Consultants	SC9497R	58.5	60.2	52.4	36.1	53.9	27.8	57.4	72.2	52.3	105
DynaGro	S48RS53	62.4	59.2	55.0	34.6	47.6	26.6	53.9	81.8	52.6	104
USG	74K95RS	52.1	63.9	51.6	36.7	48.4	26.4	56.3		47.9	103
Asgrow	AG4632	51.0	57.2	53.1	36.8	48.6	27.7		80.5	50.7	102

2016 Overall MG 5 On-Farm Soybean Variety Results

Brand	Variety	King & Queen	Surry	Prince George	Northampton	Lunenburg	Mecklenburg	Brunswick	VA Beach	Dinwiddie	Avg. Yield	Rel. Yield
DynaGro	S52RS86	36.1	39.8	37.6			31.2		59.2	61.9	44.3	113
Credenz	CZ5375RY	40.5	49.7	39.8	40.0		27.1	20.5	54.9	72.9	43.2	110
Southern States	SS5215NSR2		43.8	36.3		40.4	31.0	19.4	63.3	62.1	42.3	108
USG	75J90	41.4	44.9	34.6		38.9	27.3	23.7	51.0	71.5	41.7	106
Hubner	H56-16R2	33.8		41.0	38.0	40.3	27.3	21.4	55.9	69.8	40.9	104



Renwood Farms Featured USG Xtend Varieties for 2018

Variety	Traits	RM	Notes
7427XTS	XT, STS SCN 3 & 14	4.2	For April and early May planting or late June and early July. Strong emergence in cooler soils, excellent stem canker resistance and very good against SDS. Light tawny pods means better resistance to purple stain: excellent shatter resistance at harvest with STS trait for herbicide flexibility: avoid over-seeding
7447XTS	XT, STS, SCN 3 & 14	4.4	For April and early May planting or late June and early July. Strong emergence in cooler soils, excellent charcoal rot resistance for lighter soils and very good against SDS. Light tawny pods means better resistance to purple stain: excellent shatter resistance at harvest with STS trait for herbicide flexibility: avoid over-seeding
7478XTS	XT, STS, SCN 3 & 14	4.7	Strong emergence with excellent standability and shatter resistance mark this variety. Strongest resistance to Frogeye Leaf Spot and Target Spot available. A light tawny bean that is semi-bushy.
7487XTS	XT, STS, SCN 3 & 14	4.8	Excellent resistance to stem canker with above-average resistance to SDS. Excellent shatter resistance with strong emergence and stands well; this is a narrow-structure bean that works well in narrow rows: with STS trait for herbicide flexibility
7496XT	XT, STS, RKN SCN 3 & 14	4.9	The only MG4 Xtend variety with moderate resistance to <i>Root Knot Nematode!</i> A light tawny pod with resistance to stem canker and SDS with a semi-bushy structure makes this perfect for early or double-cropped fields. avoid over-seeding; 140K full-season and 160K DC under most field conditions: with STS trait for herbicide flexibility
7547XT	XT, RKN SCN 3 & 14	5.4	A MG 5.4 soybean variety with resistance to <i>Root Knot Nematode</i> . Strong resistance to Frogeye Leaf Spot, SDS and stem canker. A grey bean with outstanding standability makes this the perfect May-planted variety.
7686XT	XT, RKN	6.8	A <i>Root Knot Nematode</i> resistant soybean with tolerance to metribuzin for enhanced weed control. This variety is resistant to Frogeye Leaf Spot and stem canker; with strong emergence: avoid over-seeding

USG 7496XT

USG 7547XT





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Call us with questions! Ask about prices and discounts for the best seed and seed treatments for your farm.

RenPro Soybean Seed Treatments from Renwood Farms

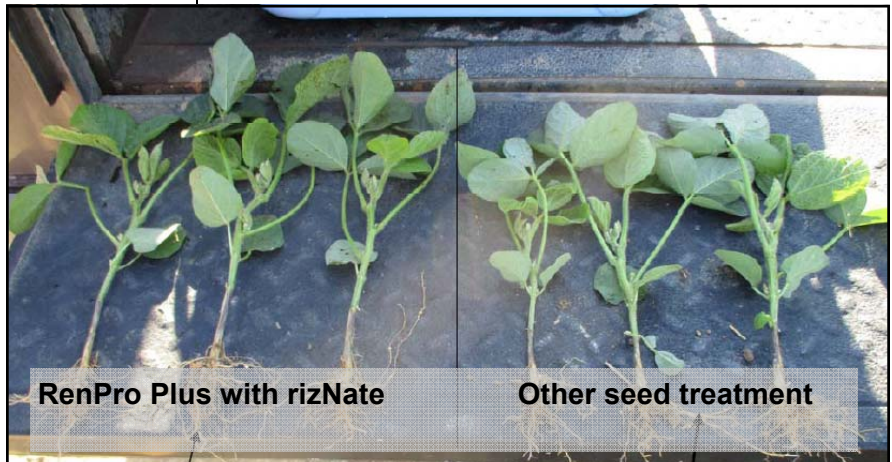
RenPro™ and **RenPro Plus™** soybean seed treatments promote rapid early growth by protecting roots from harmful pathogens. This aggressive early growth shades the ground to reduce weed competition and conserve soil moisture to produce higher yields.

RenPro™ soybean seed treatment contains **multiple fungicides**. These fungicides clean the seed inside and on the seed coat. **RenPro™** protect seedlings against diseases in cool, moist soils when planting early; and diseases that stress plants in hot soils when planting in May and June.

RenPro Plus™ contains a **seed insecticide** in addition to the four fungicides. Adding a seed insecticide provides protection from thrips, bean-leaf beetles and sugarcane beetles. In double-crop beans, this treatment provides a growth stimulant effect for quick emergence and shading.

RenPro™ seed treatments contain **molybdenum**. Molybdenum deficiency is a major limiting nutrient in VA and NC soybean production. Low plant moly levels can reduce yields by 50%. Adding moly to the seed treatment will hold the crop until a foliar application can be made in-season.

rizNate® is an encapsulated biological **seed inoculant** providing bacteria that produce nitrogen-fixing nodules on soybean roots and also contains a **balance** of several other microbes.



These microbes in **rizNate®** compliment seed fungicides to help **protect** from pathogens. These microbes also stimulate and enhance plant growth.

Nematodes are the most limiting factor in several soybean fields. For 2018, Renwood Farms provides three different nematode seed treatments: **Votivo®**, **Clariva®** and **BIOst™**. These are different seed treatments with different modes of action used to reduce nematode populations. Rotating each year with **one** of these treatments helps to avoid resistance.

USG soybean varieties treated with **RenPro™** seed treatments and Renwood Foliar Feeds have produced more than other soybean systems in on-farm tests. Call us so we can provide specific recommendations for your fields to demonstrate the value of the Renwood Farms Soybean Production System in your farming operation.