# Titanpro

## TP-24X87







- Above average tolerance to Sudden Death Syndrome
- Resistant to Brown Stem Rot
- Very good field tolerance for PRR protection
- PI 88.788 cyst protection & handles stress very well
- Pair up with TP-28X47 for a high yield experience
- 76% win rate over AG21X7 & 81% over NKS21-W8X

#### POSITIONING & ADAPTABILITY

	1	2	3	4	5
Emergence					
Standability					
Yield Score for Maturit	ty				
Light Soils					
Heavy Soils					
Stress Tolerance					

BEST

5 = Excellent 4 = Very Good 3 = Average 2 = Below Average 1 = Poor \*All ratings presented are from past performance and do not ensure future results

PLANT CHARACTERISTICS				
Flower Color	Purple			
Pubescence Color	Lt Tawny			
Pod Color	Tan			
Hilum Color	Black			
Plant Height	Medium Tall			
Plant Type	Intermediate			
Estimated Seed Size	2,700			

### **AGRONOMIC RATINGS**

						F.
		] 2	2 :	3 .	4	5
Iron Chlorosis						
Phytophthora Roc						
Brown Stem Ro	t	RE	SIS	TΑ	NT	
White Mold						
Frog Eye	-					
Stem Canker	-					
Sudden Death						
					BE	S

Soybean Cyst Nematode (SCN)	PI 88.788
Phytophthora Root Rot Gene	NG

5 = Excellent/Resistant 4 = Very Good 3 = Average 2 = Below Average 1 = Poor/Highly Susceptible \*All ratings presented are from past performance and do not ensure future results

#### Phytophthora Root Rot Gene Resistance

Rps 1a = resistance to races 1-2, 10-13, 15-19

Rps 1c = resistance to races 1-3, 6-11, 13, 15, 17, 21, 23, 24

Rps 1k = resistance to races 1-11, 13-15, 17-18, 21, 22

Rps 3a = resistance to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25

NG = No specific gene

Ha, Hc, and Hk = Heterozygous for specific gene



STATE						
IA   Oelwein   ISU   65.25   1   37     IA   Albert City   FIRST   72.4   2   54     IA   Kensett   ISU   54.94   2   37     IA   Summary   FIRST   63   3   54     IA   Summary   FIRST   62.43   3   37     IA   Nashua   ISU   62.43   3   37     IA   Carence   ISU   72.67   4   37     IA   Summary   FIRST   72.24   4   45     IA   Moorland   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Sutherland   ISU   76.6	STATE	CITY	TRIAL	YIELD	RANK*	ENTRIES
IA   Albert City   FIRST   72.4   2   54     IA   Kensett   ISU   54.94   2   37     IA   Summary   FIRST   63   3   54     IA   Summary   FIRST   63   3   54     IA   Summary   FIRST   62.43   3   37     IA   Clarence   ISU   72.67   4   37     IA   Summary   FIRST   72.24   4   45     IA   Moorland   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Glidden   ISU   69.6 <td< td=""><td>IA</td><td>Masonville</td><td>ISU</td><td>71.42</td><td>1</td><td>37</td></td<>	IA	Masonville	ISU	71.42	1	37
IA   Kensett   ISU   54.94   2   37     IA   Summary   FIRST   63   3   54     IA   Nashua   ISU   62.43   3   37     IA   Clarence   ISU   72.67   4   37     IA   Summary   FIRST   72.4   4   45     IA   Moorland   FIRST   72.4   4   45     IA   Moorland   FIRST   75.7   5   60     IA   Moorland   FIRST   72.04   5   37     IA   Sutherland   ISU   72.04   5   37     IA   Sutherland   ISU   72.04   5   37     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   72.3   6   60     IA   Glidden   ISU   65.37   6   37   45     IA   Lu Verne   FIRST   76.8 <td>IA</td> <td>Oelwein</td> <td>ISU</td> <td>65.25</td> <td>1</td> <td>37</td>	IA	Oelwein	ISU	65.25	1	37
IA   Summary   FIRST   63   3   54     IA   Nashua   ISU   62.43   3   37     IA   Clarence   ISU   72.67   4   37     IA   Summary   FIRST   72.4   4   45     IA   Summary   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Sutherland   ISU   72.04   5   37     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   72.3   6   60     IA   Summary   FIRST   72.3   6   60     IA   Summary   FIRST   76.9   6   60     IA   Central City   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7 <td>IA</td> <td>Albert City</td> <td>FIRST</td> <td>72.4</td> <td>2</td> <td>54</td>	IA	Albert City	FIRST	72.4	2	54
IA   Nashua   ISU   62.43   3   37     IA   Clarence   ISU   72.67   4   37     IA   Summary   FIRST   72.4   4   45     IA   Summary   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Sutherland   ISU   69.6   6   60     IA   Central City   FIRST   76.8   7   45     IA   Central City   FIRST   76.8 <td>IA</td> <td>Kensett</td> <td>ISU</td> <td>54.94</td> <td>2</td> <td>37</td>	IA	Kensett	ISU	54.94	2	37
IA   Clarence   ISU   72.67   4   37     IA   Summary   FIRST   72.4   4   45     IA   Moorland   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   69.6   6   60     IA   Summary   FIRST   69.6   6   60     IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Missouri Valley   ISU   67.22   7   37     IA   New Hampton   FIRST   77.9	IA	Summary	FIRST	63	3	54
IA   Summary   FIRST   72.4   4   45     IA   Moorland   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   69.6   6   60     IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Lu Verne   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   77.1	IA	Nashua	ISU	62.43	3	37
IA   Moorland   FIRST   75.7   5   60     IA   Sutherland   ISU   72.04   5   37     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   69.6   6   60     IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   77.1   10   45     IA   New Hampton   FIRST   77.1	IA	Clarence	ISU	72.67	4	37
IA   Sutherland   ISU   72.04   5   37     IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   69.6   6   60     IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   60     IA   Laurens   FIRST   76.8   7   60     IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   56.9   9   54     IA   Victor   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   1	IA	Summary	FIRST	72.4	4	45
IA   Summary   FIRST   72.3   6   54     IA   Summary   FIRST   69.6   6   60     IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Central City   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Missouri Valley   ISU   67.22   7   37     IA   Missouri Valley   ISU   67.22   7   37     IA   Missouri Valley   ISU   67.22   7   37     IA   Mew Hampton   FIRST   77.9   9   54     IA   New Hampton   FIRST   77.1   10   45     IA   New Hampton   FIRST   77.1   10   37     IA   Ames   ISU	IA	Moorland	FIRST	75.7	5	60
IA   Summary   FIRST   69.6   6   60     IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Central City   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Missouri Valley   ISU   67.22   7   37     IA   Missouri Valley   ISU   67.22   7   37     IA   Missouri Valley   ISU   67.22   7   37     IA   Mew Hampton   FIRST   77.9   9   54     IA   New Hampton   FIRST   77.1   10   45     IA   New Hampton   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST	IA	Sutherland	ISU	72.04	5	37
IA   Glidden   ISU   65.37   6   37     IA   Lu Verne   FIRST   63.5   6   54     IA   Lu Verne   FIRST   76.8   7   45     IA   Laurens   FIRST   76.8   7   45     IA   Laurens   FIRST   68.6   7   60     IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   56.9   9   54     IA   New Hampton   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   11   54     IA   Waterloo   FIRST   64.4   13   60     IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   <	IA	Summary	FIRST	72.3	6	54
IA   Lu Verne   FIRST   63.5   6   54     IA   Central City   FIRST   76.8   7   45     IA   Laurens   FIRST   68.6   7   60     IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   56.9   9   54     IA   New Hampton   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   11   54     IA   Waterloo   FIRST   64.4   13   60     IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   14   54     IA   Yale   FIRST   63.2   14   45     IL   Winnebago   FIRST   70.2	IA	Summary	FIRST	69.6	6	60
IA Central City FIRST 76.8 7 45   IA Laurens FIRST 68.6 7 60   IA Missouri Valley ISU 67.22 7 37   IA Galva FIRST 77.9 9 54   IA New Hampton FIRST 56.9 9 54   IA Victor FIRST 77.1 10 45   IA Ames ISU 56.61 10 37   IA Boyden FIRST 74.4 11 54   IA Waterloo FIRST 64.4 13 60   IA Corwith ISU 52.41 13 37   IA Britt FIRST 68.6 14 54   IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2	IA	Glidden	ISU	65.37	6	37
IA   Laurens   FIRST   68.6   7   60     IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   56.9   9   54     IA   Victor   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   11   54     IA   Waterloo   FIRST   64.4   13   60     IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   14   54     IA   Yale   FIRST   63.2   14   45     IL   Winnebago   FIRST   70.2   5   72     IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9	IA	Lu Verne	FIRST	63.5	6	54
IA   Missouri Valley   ISU   67.22   7   37     IA   Galva   FIRST   77.9   9   54     IA   New Hampton   FIRST   56.9   9   54     IA   Victor   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   11   54     IA   Waterloo   FIRST   64.4   13   60     IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   14   54     IA   Yale   FIRST   63.2   14   45     IL   Winnebago   FIRST   70.2   5   72     IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9	IA	Central City	FIRST	76.8	7	45
IA Galva FIRST 77.9 9 54   IA New Hampton FIRST 56.9 9 54   IA Victor FIRST 77.1 10 45   IA Ames ISU 56.61 10 37   IA Boyden FIRST 74.4 11 54   IA Waterloo FIRST 64.4 13 60   IA Corwith ISU 52.41 13 37   IA Britt FIRST 68.6 14 54   IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2 21   WI Janesville FIRST 67.9 3 72	IA	Laurens	FIRST	68.6	7	60
IA   New Hampton   FIRST   56.9   9   54     IA   Victor   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   11   54     IA   Waterloo   FIRST   64.4   13   60     IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   14   54     IA   Yale   FIRST   63.2   14   45     IL   Winnebago   FIRST   70.2   5   72     IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9   3   72	IA	Missouri Valley	ISU	67.22	7	37
IA   Victor   FIRST   77.1   10   45     IA   Ames   ISU   56.61   10   37     IA   Boyden   FIRST   74.4   11   54     IA   Waterloo   FIRST   64.4   13   60     IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   14   54     IA   Yale   FIRST   63.2   14   45     IL   Winnebago   FIRST   70.2   5   72     IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9   3   72	IA	Galva	FIRST	77.9	9	54
IA Ames ISU 56.61 10 37   IA Boyden FIRST 74.4 11 54   IA Waterloo FIRST 64.4 13 60   IA Corwith ISU 52.41 13 37   IA Britt FIRST 68.6 14 54   IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2 21   WI Janesville FIRST 67.9 3 72	IA	New Hampton	FIRST	56.9	9	54
IA Boyden FIRST 74.4 11 54   IA Waterloo FIRST 64.4 13 60   IA Corwith ISU 52.41 13 37   IA Britt FIRST 68.6 14 54   IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2 21   WI Janesville FIRST 67.9 3 72	IA	Victor	FIRST	77.1	10	45
IA Waterloo FIRST 64.4 13 60   IA Corwith ISU 52.41 13 37   IA Britt FIRST 68.6 14 54   IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2 21   WI Janesville FIRST 67.9 3 72	IA	Ames	ISU	56.61	10	37
IA   Corwith   ISU   52.41   13   37     IA   Britt   FIRST   68.6   14   54     IA   Yale   FIRST   63.2   14   45     IL   Winnebago   FIRST   70.2   5   72     IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9   3   72	IA	Boyden	FIRST	74.4	11	54
IA Britt FIRST 68.6 14 54   IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2 21   WI Janesville FIRST 67.9 3 72	IA	Waterloo	FIRST	64.4	13	60
IA Yale FIRST 63.2 14 45   IL Winnebago FIRST 70.2 5 72   IL Pearl City FIRST 86.5 14 72   MN Rochester U of M 64.9 2 21   WI Janesville FIRST 67.9 3 72	IA	Corwith	ISU	52.41	13	37
IL   Winnebago   FIRST   70.2   5   72     IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9   3   72	IA	Britt	FIRST	68.6	14	54
IL   Pearl City   FIRST   86.5   14   72     MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9   3   72	IA	Yale	FIRST	63.2	14	45
MN   Rochester   U of M   64.9   2   21     WI   Janesville   FIRST   67.9   3   72	IL	Winnebago	FIRST	70.2	5	72
WI Janesville FIRST 67.9 <b>3</b> 72	IL	Pearl City	FIRST	86.5	14	72
,	MN	Rochester	U of M	64.9	2	21
WI Summary FIRST 71.8 <b>4</b> 72	WI	Janesville	FIRST	67.9	3	72
	WI	Summary	FIRST	71.8	4	72

Refer to 2019 Seed Guide for additional TP-24X87 performance highlights



<sup>\*</sup>All data is from 2018 harvest

<sup>\*</sup>Rank is determined by yield

<sup>\*</sup>No product recommendation by F.I.R.S.T. or other 3rd parties is implied

<sup>\*</sup>Always read and follow bag tags, and understand herbicide tolerance information