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Specialty Soybeans

[1996 SPECIALTY TEST NORTH, IOWA STATE UNIVERSITY](#)

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1996 Specialty Test North, Iowa State University Ames, Kanawha, Pocahontas and Greene, Iowa

Entry Yield Maturity Lodging Height Size Sd.Lb. Protein Oil Emerg. Chlor.

Entry	Yield	Maturity	Lodg.	Ht.	Size	sd/lb	Prot.	Oil	Emerg.	Chlor.
Large seed & high protein										
HP204	48.1	9-22	2.2	40	240	1890	38.7	16.2	4	2.5
IA2017	55.0	9-23	1.8	38	23	1930	38.3	16.2	2	3.1
IA2012	48.0	9-23	1.6	33	289	1570	37.5	16.4	4	3.9
Vinton 81	46.3	9-23	1.9	39	250	1820	39.3	15.9	3	2.8
IA2016	51.5	9-25	2.0	40	245	1850	38.6	16.3	2	3.1
IA2020	50.5	9-26	1.9	40	257	1770	39.0	16.4	2	3.4
Large seed										
IA1005	53.2	9-20	1.6	35	210	2160	37.0	17.0	5	2.9
IA2013	54.4	9-20	1.9	34	268	1690	36.6	16.9	5	2.8
IA2019	49.5	9-25	1.7	36	282	1610	35.5	17.1	3	2.5
Small seed										
IA2023	44.1	9-23	2.2	35	84	5400	41.0	12.8	2	3.3

IA2005	45.1	9-24	3.0	36	92	4930	40.5	14.2	1	3.8
IA2024	49.7	9-26	3.5	36	77	5900	40.3	12.9	4	3.1
Lacks lipoxygenase-2										
IA2011	55.1	9-25	1.5	36	220	2060	36.8	16.8	4	3.1
Commodity check										
IA1006	56.1	9-18	1.7	38	181	2510	35.0	17.4	2	2.8
Kenwood 94	56.1	9-23	1.7	37	170	2670	35.2	17.1	1	3.6

Yield: Bushels/acre at 13% moisture

Maturity: Month-Day

Lodging: 1=erect; 5=prostrate

Seed weight: Milligrams/seed at 13% moisture

Protein & oil: 13% moisture basis

Emergence: 1=excellent, 5=poor

Iron-deficiency chlorosis: 1=no chlorosis, 5=severe chlorosis

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1996 Specialty Test Central, Iowa State University Ames, Hubbard Grand Junction, and Stuart Iowa

Entry	Yield	Maturity	Lodg.	Ht.	Size	sd/lb	Prot.	Oil	Emerg.	Chlor.
Large seed & high protein										
HP204	53.4	9-21	2.5	39	241	1880	38.2	16.2	1	2.8
IA2016	55.8	9-22	2.3	39	240	1890	38.5	16.5	3	3.0
Vinton81	49.9	9-22	2.3	41	245	1850	38.9	16.1	2	2.9
IA2017	58.8	9-23	2.3	39	236	1920	38.6	16.1	2	3.1
IA2018	56.4	9-24	2.5	39	214	2120	38.7	15.8	3	2.8
IA2034	56.6	9-26	2.0	37	222	2050	39.6	15.3	1	2.5
IA2020	55.8	9-26	2.0	40	253	1790	38.8	16.6	3	3.1
IA3006	55.4	9-29	1.9	33	282	1610	38.7	15.8	4	2.6

Large seed											
IA2013	56.8	9-20	1.8	31	264	1720	36.6	16.9	5	2.6	
IA2012	54.8	9-23	1.8	32	283	1600	37.3	16.3	4	3.1	
IA2019	55.7	9-26	2.2	35	288	1580	35.3	17.0	3	2.6	
IA3002	60.5	9-27	1.6	35	273	1660	35.1	16.4	5	2.8	
Small seed											
IA2023	46.0	9-21	2.4	35	85	5340	40.7	13.1	3	3.8	
IA2005	51.8	9-22	3.1	38	93	4880	39.7	14.6	2	3.1	
IA2035	52.3	9-23	3.0	33	79	5750	39.9	13.2	5	3.0	
IA2024	51.9	9-26	3.7	37	80	5680	39.2	13.5	5	3.4	
IA3007	44.1	9-27	3.4	36	73	6220	35.3	14.6	2	3.4	
IA3008	56.1	9-28	3.3	36	82	5540	33.6	15.2	5	3.2	
Lacks lipoxxygenase-2											
IA2011	59.9	9-23	1.9	36	219	2070	36.8	17.0	4	2.9	
Commodity check											
IA1006	63.4	9-16	2.0	36	188	2410	35.6	17.2	1	2.8	
Kenwood 94	62.7	9-22	2.1	36	173	2620	35.5	16.9	1	3.5	
IA2022	64.5	9-26	1.8	39	164	2770	36.1	16.9	1	3.6	

Protein & oil: 13% moisture basis

Yield: Bushels/acre at 13% moisture

Emergence: 1=excellent, 5=poor

Maturity: Month-Day

Lodging: 1=erect; 5=prostrate

Seed weight: Milligrams/seed at 13% moisture

Iron-deficiency chlorosis: 1=no chlorosis, 5=severe chlorosis

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1996 Specialty Test South, Iowa State University Ames, Stuart, Fairfield and Griswold, Iowa.

Entry Yield Maturity Lodging Height Size sd/lb Protein Oil Emerg. Chlor.

Entry	Yield	Maturity	Lodg.	Ht.	Size	sd/lb	Prot.	Oil	Emerg.	Chlor.
Large seed & high protein										
Vinton 81	45.1	9-24	2.2	37	238	1910	38.6	16.0	2	3.1
IA2016	47.0	9-25	2.3	37	228	1990	38.3	16.5	3	3.1
IA3001	51.7	9-29	1.7	38	215	2110	38.9	16.3	1	2.9
IA3006	52.4	10-2	1.6	33	280	1620	38.2	15.9	1	2.8
Large seed										
IA2013	48.1	9-23	1.7	30	263	1730	36.5	16.9	5	2.9
IA2012	46.2	9-26	1.8	31	279	1630	36.6	16.6	4	3.6
IA2019	51.3	9-27	1.6	33	273	1660	35.2	17.3	3	2.6
IA3002	52.6	9-29	1.5	34	259	1750	35.0	16.6	5	3.4
LS301	49.3	9-29	1.6	32	265	1710	37.0	16.2	3	3.0
Ohio FG1	54.1	10-3	1.5	35	237	1920	36.9	16.6	1	2.8
Small seed										
IA2023	39.3	9-25	2.3	34	82	5540	40.2	13.1	1	3.5
IA2024	42.2	9-26	3.6	34	79	5750	38.4	13.8	3	3.3
IA2025	41.5	9-27	3.1	35	91		39.4	14.7	2	3.5
Mercury	42.8	10-3	1.9	28	81	5610	36.5	15.8	2	3.6
IA3007	45.3	10-4	3.8	36	79	5750	34.6	15.1	4	3.0
IA4001	46.7	10-4	3.5	37	75	6050	32.3	15.7	5	3.9
Lacks lipoxygenase-2										
IA2011	52.7	9-29	1.6	34	213	2130	36.6	17.0	3	3.3
Commodity check										
Kenwood 94	59.3	9-25	1.8	36	174	2610	35.3	17.0	2	3.8
IA2022	57.2	9-29	1.5	38	164	2770	35.8	17.0	1	3.8

Macon	60.6	10-5	1.5	36	196	2320	35.5	16.6	2	3.6
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Yield: Bushels/acre at 13% moisture

Maturity: Month-Day

Lodging: 1=erect; 5=prostrate

Seed weight: Milligrams/seed at 13% moisture

Protein & oil: 13% moisture basis

Emergence: 1=excellent, 5=poor

Iron-deficiency chlorosis: 1=no chlorosis, 5=severe chlorosis