

## 2013 SCN PRELIM TEST 0

Strain	FPhm	Parentage	Gen. Comp.	SCN res source	Traits
<b>1 Sheyenne</b>	PGy	Pioneer 9071 x A96-492041	F4	none	Rsp1-c
<b>2 MN1410</b>	WGbf	Unknown	F5	none	
<b>3 Surge</b>	PGibl	A86-204022 x Kato	F5	none	
<b>4 MN0095</b>	PGibl	M92-270029 x M93-313135	F5	none	Rps1
<b>5 MN0606CN</b>	WTy	MN0901 x MN0902CN	F4	PI88788	
<b>6 M07-254005</b>	WTy	UM3 x MN0606CN	F5	PI88788	
<b>7 M07-257006</b>	PTy	MN1701CN x M99-326040	F5	PI88788	
<b>8 M07-285050</b>	P+WGbf	M01-110-1026 x MN0606CN	F5	PI88788	
<b>9 M07-285053</b>	WGbf	M01-110-1026 x MN0606CN	F5	PI88788	
<b>10 M07-291102</b>	WTbr	MN0908CN x M01-308067	F5	PI88788	
<b>11 M07-292111</b>	WTgr	M01-315029 x MN1106CN	F5	PI88788	
<b>12 M07-296048</b>	PTY	M01-314114 x MN1011CN	F5	PI88788	
<b>13 M07-297083</b>	WT+Gbr+y	MN0902CN x LD02-5320	F5	PI88788	
<b>14 M07-298022</b>	PTy	M00-116161 x MN1806SP	F5	PI88788	Protein
<b>15 M08-151025</b>	WGy	M00-116161 x M99-286047	F5	PI88788	
<b>16 ND10-2522</b>	WGbf	ND03-7566 x ND03-5441	F4	PI88788	Rps6
<b>17 ND10-2763</b>	WGy	Sheyenne x ND03-5441	F4	PI88788	Rps6
<b>18 ND10-2993</b>	WGbf	ND04-11329 x ND03-7566	F4	PI88788	Rps1c
<b>19 ND10-3413</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>20 ND10-3459</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>21 ND10-3460</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>22 ND10-3464</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>23 ND10-3473</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>24 ND10-3482</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>25 ND10-3495</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>26 ND10-3600</b>	WGbf	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps6
<b>27 ND10-4423</b>	PTbr	ND03-7566 x [ND03-5441 x LaMoure BC2]	F4	PI88788	Rps1c

2013 SCN PRELIM TEST 0

Entry	IL SCN screening				MN IDC
	HG 0		HG 2.5.7		Danvers
	FI	rating	FI	rating	score
1 Sheyenne	64	NR	76	NR	3.0
2 MN1410	73	NR	72	NR	3.6
3 Surge	70	NR	70	NR	3.1
4 MN0095	79	NR	59	LR	2.4
5 MN0606CN	2	HR	55	LR	3.5
6 M07-254005	61	NR	58	LR	2.6
7 M07-257006	60	NR	58	LR	3.0
8 M07-285050	95	NR	60	NR	3.3
9 M07-285053	74	NR	66	NR	3.5
10 M07-291102	3	HR	70	NR	3.3
11 M07-292111	2	HR	57	LR	2.6
12 M07-296048	2	HR	69	NR	3.1
13 M07-297083	2	HR	55	LR	4.0
14 M07-298022	2	HR	61	NR	3.5
15 M08-151025	3	HR	63	NR	3.1
16 ND10-2522	3	HR	51	LR	2.6
17 ND10-2763	3	HR	64	NR	3.3
18 ND10-2993	8	HR	58	LR	2.4
19 ND10-3413	3	HR	57	LR	2.9
20 ND10-3459	2	HR	61	NR	2.6
21 ND10-3460	4	HR	54	LR	2.4
22 ND10-3464	2	HR	56	LR	2.5
23 ND10-3473	2	HR	52	LR	2.4
24 ND10-3482	1	HR	58	LR	2.1
25 ND10-3495	1	HR	54	LR	2.1
26 ND10-3600	1	HR	67	NR	2.8
27 ND10-4423	2	HR	53	LR	2.5

## 2013 SCN PRELIM TEST 0

## Summary

Entry	Locations	Yield				Maturity date	Lodging score	Height in.	Seed			
		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank							
<b>1</b>	<b>Sheyenne</b>	30.7	17	24.2	17	922	1.3	22	2.0	14.4	34.6	19.0
<b>2</b>	<b>MN1410</b>	32.5	12	30.4	3	4	1.8	24	1.3	15.5	35.4	18.5
<b>3</b>	<b>Surge</b>	30.7	18	26.8	9	-2	1.2	22	2.0	17.4	35.8	19.0
<b>4</b>	<b>MN0095</b>	28.1	23	23.6	21	-9	2.6	19	1.3	12.2	34.8	19.2
<b>5</b>	<b>MN0606CN</b>	35.1	5	30.5	1	1	1.7	24	1.0	13.8	34.3	19.1
<b>6</b>	<b>M07-254005</b>	28.5	22	21.6	23	-6	1.5	22	1.3	12.4	33.9	19.7
<b>7</b>	<b>M07-257006</b>	29.9	20	23.8	19	-1	1.8	20	1.3	9.7	34.6	18.3
<b>8</b>	<b>M07-285050</b>	31.6	14	24.6	15	-1	1.7	22	1.3	15.1	34.3	19.5
<b>9</b>	<b>M07-285053</b>	29.3	21	24.0	18	-5	1.3	24	1.7	13.7	34.7	19.6
<b>10</b>	<b>M07-291102</b>	33.8	9	26.5	10	-3	1.8	21	1.3	13.1	34.4	19.2
<b>11</b>	<b>M07-292111</b>	30.2	19	28.3	4	-6	1.3	23	1.7	13.1	35.2	19.3
<b>12</b>	<b>M07-296048</b>	38.1	1	26.5	10	-3	1.5	24	1.0	13.7	34.4	18.7
<b>13</b>	<b>M07-297083</b>	34.9	6	30.5	1	2	1.7	24	1.3	12.8	35.3	18.6
<b>14</b>	<b>M07-298022</b>	35.9	4	24.3	16	-3	1.4	23	1.7	15.2	36.0	18.7
<b>15</b>	<b>M08-151025</b>	34.7	7	27.0	7	1	1.3	22	2.3	14.8	34.7	19.0
<b>16</b>	<b>ND10-2522</b>	32.2	13	20.2	27	-7	1.3	20	2.3	13.1	34.6	19.5
<b>17</b>	<b>ND10-2763</b>	27.2	27	20.5	26	-7	1.4	20	2.3	14.6	34.1	19.4
<b>18</b>	<b>ND10-2993</b>	28.0	25	20.6	25	-8	1.4	18	2.3	12.3	34.0	19.5
<b>19</b>	<b>ND10-3413</b>	31.4	15	21.5	24	-3	1.4	20	2.0	15.0	35.1	19.3
<b>20</b>	<b>ND10-3459</b>	33.5	11	27.4	5	-3	1.3	21	1.7	13.8	34.9	19.2
<b>21</b>	<b>ND10-3460</b>	28.1	23	26.9	8	-2	1.6	20	2.0	13.7	34.9	19.3
<b>22</b>	<b>ND10-3464</b>	34.5	8	25.1	14	-5	1.4	21	2.0	13.9	35.4	19.0
<b>23</b>	<b>ND10-3473</b>	37.3	2	23.8	19	-5	1.3	23	1.3	13.6	35.3	19.2
<b>24</b>	<b>ND10-3482</b>	36.5	3	25.3	13	-5	1.4	22	1.0	13.3	35.3	19.3
<b>25</b>	<b>ND10-3495</b>	33.8	9	27.2	6	-4	1.3	21	1.7	13.5	35.4	19.4
<b>26</b>	<b>ND10-3600</b>	31.2	16	25.8	12	-4	1.4	19	1.7	13.3	34.7	19.4
<b>27</b>	<b>ND10-4423</b>	27.3	26	22.9	22	-11	1.5	21	1.7	14.1	35.4	19.4

## 2013 SCN PRELIM TEST 0

## Yield (bu/a)

	Stewart MN	Waseca MN	Rosemount MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
<b>1 Sheyenne</b>	24.8	36.6	24.2
<b>2 MN1410</b>	25.0	39.9	30.4
<b>3 Surge</b>	25.3	36.1	26.8
<b>4 MN0095</b>	23.2	33.0	23.6
<b>5 MN0606CN</b>	33.3	36.8	30.5
<b>6 M07-254005</b>	25.2	31.8	21.6
<b>7 M07-257006</b>	25.9	33.8	23.8
<b>8 M07-285050</b>	26.6	36.5	24.6
<b>9 M07-285053</b>	25.0	33.5	24.0
<b>10 M07-291102</b>	32.4	35.1	26.5
<b>11 M07-292111</b>	25.9	34.4	28.3
<b>12 M07-296048</b>	36.8	39.3	26.5
<b>13 M07-297083</b>	30.7	39.1	30.5
<b>14 M07-298022</b>	31.9	39.9	24.3
<b>15 M08-151025</b>	31.5	37.9	27.0
<b>16 ND10-2522</b>	32.5	31.9	20.2
<b>17 ND10-2763</b>	25.9	28.4	20.5
<b>18 ND10-2993</b>	25.2	30.8	20.6
<b>19 ND10-3413</b>	29.2	33.5	21.5
<b>20 ND10-3459</b>	30.0	36.9	27.4
<b>21 ND10-3460</b>	22.3	33.9	26.9
<b>22 ND10-3464</b>	34.8	34.1	25.1
<b>23 ND10-3473</b>	35.4	39.2	23.8
<b>24 ND10-3482</b>	38.4	34.5	25.3
<b>25 ND10-3495</b>	32.9	34.7	27.2
<b>26 ND10-3600</b>	31.2	31.2	25.8
<b>27 ND10-4423</b>	23.2	31.3	22.9
Average	29.1	35.0	25.2
LSD(.05)	5.9	6.6	6.6
C.V. %	11.9	11.3	11.3
Replications	3	3	3
Row spacing (in.)	30	30	30

## 2013 SCN PRELIM TEST 0

## Yield (rank)

Strain	Stewart	Waseca	Rosemount
	MN	MN	MN
	SCN HG Type 2.5.7	2.5.7	NI
1 Sheyenne	24	9	17
2 MN1410	22	1	3
3 Surge	19	11	9
4 MN0095	25	21	21
5 MN0606CN	5	8	1
6 M07-254005	20	23	23
7 M07-257006	16	18	19
8 M07-285050	15	10	15
9 M07-285053	22	19	18
10 M07-291102	8	12	10
11 M07-292111	16	15	4
12 M07-296048	2	3	10
13 M07-297083	12	5	1
14 M07-298022	9	1	16
15 M08-151025	10	6	7
16 ND10-2522	7	22	27
17 ND10-2763	16	27	26
18 ND10-2993	20	26	25
19 ND10-3413	14	20	24
20 ND10-3459	13	7	5
21 ND10-3460	27	17	8
22 ND10-3464	4	16	14
23 ND10-3473	3	4	19
24 ND10-3482	1	14	13
25 ND10-3495	6	13	6
26 ND10-3600	11	25	12
27 ND10-4423	25	24	22

## 2013 SCN PRELIM TEST 0

## Maturity

	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
<b>1 Sheyenne</b>	9/26	9/15	9/26
<b>2 MN1410</b>	5	5	2
<b>3 Surge</b>	3	-2	-1
<b>4 MN0095</b>	-6	-11	-7
<b>5 MN0606CN</b>	-1	2	0
<b>6 M07-254005</b>	-6	-6	-5
<b>7 M07-257006</b>	-7	-2	1
<b>8 M07-285050</b>	-3	0	-2
<b>9 M07-285053</b>	-7	-7	-3
<b>10 M07-291102</b>	-5	-3	-3
<b>11 M07-292111</b>	-3	-6	-5
<b>12 M07-296048</b>	-6	-2	-3
<b>13 M07-297083</b>	-2	4	0
<b>14 M07-298022</b>	-3	-3	-3
<b>15 M08-151025</b>	-3	0	1
<b>16 ND10-2522</b>	-4	-8	-6
<b>17 ND10-2763</b>	-4	-8	-5
<b>18 ND10-2993</b>	-4	-10	-6
<b>19 ND10-3413</b>	-5	-1	-4
<b>20 ND10-3459</b>	-4	-3	-3
<b>21 ND10-3460</b>	-4	0	-3
<b>22 ND10-3464</b>	-7	-3	-7
<b>23 ND10-3473</b>	-7	-4	-5
<b>24 ND10-3482</b>	-6	-3	-7
<b>25 ND10-3495</b>	-7	-3	-5
<b>26 ND10-3600</b>	-3	-3	-4
<b>27 ND10-4423</b>	-5	-11	-11
Planted	5/24	5/14	5/15

## 2013 SCN PRELIM TEST 0

## Lodging (score)

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	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
1 Sheyenne	1.0	2.0	1.0
2 MN1410	1.3	2.7	1.3
3 Surge	1.0	1.7	1.0
4 MN0095	1.0	2.0	4.7
5 MN0606CN	1.0	3.0	1.0
6 M07-254005	1.0	2.3	1.3
7 M07-257006	1.0	2.7	1.7
8 M07-285050	1.0	2.7	1.3
9 M07-285053	1.0	2.0	1.0
10 M07-291102	2.0	2.0	1.3
11 M07-292111	1.0	2.0	1.0
12 M07-296048	1.0	2.3	1.3
13 M07-297083	1.0	3.0	1.0
14 M07-298022	1.0	2.3	1.0
15 M08-151025	1.0	2.0	1.0
16 ND10-2522	1.0	2.0	1.0
17 ND10-2763	1.0	2.0	1.3
18 ND10-2993	1.0	2.0	1.3
19 ND10-3413	1.0	2.3	1.0
20 ND10-3459	1.0	2.0	1.0
21 ND10-3460	1.7	2.0	1.0
22 ND10-3464	1.3	2.0	1.0
23 ND10-3473	1.0	2.0	1.0
24 ND10-3482	1.0	2.0	1.3
25 ND10-3495	1.0	2.0	1.0
26 ND10-3600	1.0	2.0	1.3
27 ND10-4423	1.3	2.0	1.3

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## 2013 SCN PRELIM TEST 0

## Height (inches)

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	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
1 Sheyenne		26	18
2 MN1410		30	18
3 Surge		24	20
4 MN0095		18	19
5 MN0606CN		27	21
6 M07-254005		25	18
7 M07-257006		23	16
8 M07-285050		27	17
9 M07-285053		27	20
10 M07-291102		23	19
11 M07-292111		25	20
12 M07-296048		27	21
13 M07-297083		31	17
14 M07-298022		29	17
15 M08-151025		27	17
16 ND10-2522		23	16
17 ND10-2763		23	16
18 ND10-2993		20	15
19 ND10-3413		25	14
20 ND10-3459		23	18
21 ND10-3460		23	16
22 ND10-3464		23	18
23 ND10-3473		27	18
24 ND10-3482		25	19
25 ND10-3495		25	17
26 ND10-3600		23	15
27 ND10-4423		21	20

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## 2013 SCN PRELIM TEST 0

## Seed Quality (score)

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	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
1 Sheyenne	3.0	1.0	2.0
2 MN1410	2.0	1.0	1.0
3 Surge	3.0	1.0	2.0
4 MN0095	2.0	1.0	1.0
5 MN0606CN	1.0	1.0	1.0
6 M07-254005	1.0	1.0	2.0
7 M07-257006	1.0	2.0	1.0
8 M07-285050	1.0	1.0	2.0
9 M07-285053	2.0	1.0	2.0
10 M07-291102	1.0	1.0	2.0
11 M07-292111	3.0	1.0	1.0
12 M07-296048	1.0	1.0	1.0
13 M07-297083	1.0	1.0	2.0
14 M07-298022	2.0	1.0	2.0
15 M08-151025	3.0	2.0	2.0
16 ND10-2522	2.0	2.0	3.0
17 ND10-2763	3.0	2.0	2.0
18 ND10-2993	2.0	2.0	3.0
19 ND10-3413	3.0	1.0	2.0
20 ND10-3459	2.0	1.0	2.0
21 ND10-3460	2.0	2.0	2.0
22 ND10-3464	2.0	2.0	2.0
23 ND10-3473	1.0	1.0	2.0
24 ND10-3482	1.0	1.0	1.0
25 ND10-3495	1.0	2.0	2.0
26 ND10-3600	2.0	2.0	1.0
27 ND10-4423	2.0	1.0	2.0

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## 2013 SCN PRELIM TEST 0

## Seed Weight (g/100)

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	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
<b>1 Sheyenne</b>	13.9	15.3	14.0
<b>2 MN1410</b>	14.6	16.9	14.9
<b>3 Surge</b>	16.9	16.9	18.3
<b>4 MN0095</b>	11.8	12.2	12.7
<b>5 MN0606CN</b>	13.7	13.7	14.0
<b>6 M07-254005</b>	11.7	13.8	11.7
<b>7 M07-257006</b>	10.2	9.7	9.3
<b>8 M07-285050</b>	14.8	15.8	14.8
<b>9 M07-285053</b>	12.8	14.1	14.3
<b>10 M07-291102</b>	13.4	12.7	13.1
<b>11 M07-292111</b>	14.1	12.0	13.2
<b>12 M07-296048</b>	13.5	14.3	13.4
<b>13 M07-297083</b>	12.8	12.7	12.9
<b>14 M07-298022</b>	17.4	12.2	16.0
<b>15 M08-151025</b>	14.9	14.8	14.6
<b>16 ND10-2522</b>	12.8	12.5	13.9
<b>17 ND10-2763</b>	15.8	13.9	14.1
<b>18 ND10-2993</b>	12.6	12.3	12.1
<b>19 ND10-3413</b>	13.4	18.0	13.5
<b>20 ND10-3459</b>	12.8	14.2	14.3
<b>21 ND10-3460</b>	13.0	14.9	13.2
<b>22 ND10-3464</b>	13.1	14.6	13.9
<b>23 ND10-3473</b>	13.1	14.0	13.7
<b>24 ND10-3482</b>	13.3	13.5	13.2
<b>25 ND10-3495</b>	13.9	13.1	13.4
<b>26 ND10-3600</b>	13.7	12.9	13.4
<b>27 ND10-4423</b>	14.4	13.7	14.2

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## 2013 SCN PRELIM TEST 0

## Protein (%)

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	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
<b>1 Sheyenne</b>	33.9	34.2	35.7
<b>2 MN1410</b>	35.7	34.7	35.8
<b>3 Surge</b>	35.1	35.8	36.6
<b>4 MN0095</b>	34.5	34.3	35.6
<b>5 MN0606CN</b>	34.1	33.7	35.1
<b>6 M07-254005</b>	33.4	34.1	34.3
<b>7 M07-257006</b>	34.6	34.6	34.6
<b>8 M07-285050</b>	35.1	33.8	34.0
<b>9 M07-285053</b>	34.8	34.2	35.0
<b>10 M07-291102</b>	34.2	33.9	35.2
<b>11 M07-292111</b>	36.2	33.3	36.0
<b>12 M07-296048</b>	34.1	34.3	34.7
<b>13 M07-297083</b>	34.8	36.1	35.1
<b>14 M07-298022</b>	35.7	35.2	37.0
<b>15 M08-151025</b>	34.3	34.6	35.1
<b>16 ND10-2522</b>	34.1	34.9	34.8
<b>17 ND10-2763</b>	33.4	34.0	34.9
<b>18 ND10-2993</b>	34.1	32.9	35.1
<b>19 ND10-3413</b>	34.9	35.4	35.1
<b>20 ND10-3459</b>	34.6	35.2	35.0
<b>21 ND10-3460</b>	34.1	34.6	36.0
<b>22 ND10-3464</b>	35.4	35.2	35.5
<b>23 ND10-3473</b>	34.9	34.5	36.5
<b>24 ND10-3482</b>	35.2	34.9	35.8
<b>25 ND10-3495</b>	35.3	34.5	36.3
<b>26 ND10-3600</b>	33.7	35.2	35.2
<b>27 ND10-4423</b>	35.2	35.2	35.7

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## 2013 SCN PRELIM TEST 0

Oil (%)

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	Stewart	Waseca	Rosemount
	MN	MN	MN
SCN HG Type	2.5.7	2.5.7	NI
Strain			
<b>1 Sheyenne</b>	19.7	19.4	18.0
<b>2 MN1410</b>	18.2	19.3	18.1
<b>3 Surge</b>	19.9	19.0	18.1
<b>4 MN0095</b>	19.7	19.4	18.4
<b>5 MN0606CN</b>	19.2	19.8	18.3
<b>6 M07-254005</b>	20.2	20.3	18.7
<b>7 M07-257006</b>	18.4	18.3	18.2
<b>8 M07-285050</b>	19.5	20.1	19.0
<b>9 M07-285053</b>	19.8	19.8	19.1
<b>10 M07-291102</b>	20.0	19.3	18.4
<b>11 M07-292111</b>	19.4	19.8	18.7
<b>12 M07-296048</b>	19.0	18.8	18.2
<b>13 M07-297083</b>	19.3	18.2	18.3
<b>14 M07-298022</b>	19.3	19.2	17.7
<b>15 M08-151025</b>	19.8	19.1	18.0
<b>16 ND10-2522</b>	19.8	19.4	19.4
<b>17 ND10-2763</b>	19.8	19.5	18.8
<b>18 ND10-2993</b>	19.8	19.6	19.1
<b>19 ND10-3413</b>	19.5	19.6	18.9
<b>20 ND10-3459</b>	19.4	19.2	19.1
<b>21 ND10-3460</b>	19.8	19.2	18.9
<b>22 ND10-3464</b>	19.3	19.0	18.6
<b>23 ND10-3473</b>	19.6	19.7	18.3
<b>24 ND10-3482</b>	19.7	19.4	18.8
<b>25 ND10-3495</b>	19.8	19.6	18.7
<b>26 ND10-3600</b>	19.9	19.3	19.1
<b>27 ND10-4423</b>	19.9	19.2	19.1

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