

## 1905-NIVT-3B-IR-LS-TAS-NAT-ZONE, 2019-20

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	CZ																	
			MP						Chhattisgarh											
			Indore			Powarkheda			Gwalior			Jabalpur			Bilaspur			IGKV-Raipur		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	LOK77	N-501	48.1	19	0	44.4	13	0	60.2	24	0	48.2	18	0	34.9	19	0	32.0	23	0
2	HD3366	N-502	53.7	10	0	53.7	3	1	71.4	13	1	44.7	24	0	34.6	20	0	30.0	25	0
3	MP3527	N-503	53.6	11	0	46.7	10	0	67.3	17	0	52.3	10	0	38.8	15	0	39.0	7	0
4	NIAW3895	N-504	56.9	3	0	38.1	23	0	74.2	10	1	49.4	15	0	34.0	22	0	38.0	12	0
5	MP1372	N-505	66.7	1	1	44.0	15	0	79.2	1	1	47.4	21	0	34.5	21	0	38.5	10	0
6	CG1035	N-506	45.6	23	0	43.6	17	0	63.3	22	0	47.3	22	0	42.5	8	1	40.5	4	0
7	HD3367	N-507	45.6	23	0	52.5	5	1	76.8	6	1	53.8	6	0	42.9	5	1	34.8	18	0
8	WH1279	N-508	47.1	22	0	43.5	18	0	75.8	7	1	56.9	2	1	44.2	2	1	41.2	3	0
9	HI1651	N-509	55.7	5	0	46.7	11	0	69.1	16	0	53.7	7	0	31.6	24	0	38.2	11	0
10	HI1652	N-510	55.2	8	0	45.1	12	0	79.1	2	1	59.2	1	1	37.1	16	0	32.9	22	0
11	RVW4309	N-511	51.5	12	0	38.7	22	0	62.1	23	0	48.0	20	0	40.7	12	1	41.2	2	0
12	NWS2180	N-512	49.9	16	0	51.1	6	0	70.0	15	0	44.5	25	0	39.7	14	1	35.8	16	0
13	MACS6774	N-513	48.1	20	0	52.5	4	1	74.5	9	1	56.3	3	1	42.9	6	1	33.3	21	0
14	UAS3013	N-515	49.6	17	0	40.7	19	0	65.4	20	0	49.9	14	0	40.5	13	1	43.1	1	1
15	AKAW5080	N-516	51.4	13	0	55.9	1	1	59.4	25	0	50.0	13	0	28.6	25	0	36.3	15	0
16	DBW320	N-517	50.8	15	0	48.5	9	0	64.8	21	0	54.2	4	0	43.0	4	1	31.6	24	0
17	CG1037	N-518	47.7	21	0	37.8	24	0	78.6	3	1	49.0	17	0	43.3	3	1	35.5	17	0
18	GW527	N-519	56.1	4	0	44.2	14	0	71.0	14	1	52.9	9	0	44.4	1	1	36.8	14	0
19	MACS6769	N-520	51.3	14	0	34.7	25	0	75.6	8	1	52.9	8	0	35.8	17	0	36.9	13	0
20	GW525	N-522	54.6	9	0	54.2	2	1	78.5	4	1	54.1	5	0	40.9	11	1	39.2	5	0
21	NIAW3898	N-523	55.5	7	0	43.8	16	0	72.8	12	1	49.2	16	0	41.9	10	1	34.6	19	0
22	MP3529	N-524	43.5	25	0	40.5	20	0	66.7	18	0	48.0	19	0	35.8	18	0	34.2	20	0
23	PBW837	N-525	48.5	18	0	39.1	21	0	66.7	18	0	46.5	23	0	42.6	7	1	38.6	8	0
24	HD2932 (C)	N-514	55.7	6	0	50.9	7	0	78.4	5	1	51.9	11	0	33.7	23	0	38.5	9	0
25	HD2864 (C)	N-521	59.0	2	0	49.6	8	0	73.1	11	1	51.3	12	0	42.5	9	1	39.1	6	0
G.M.			52.1			45.6			71.0			50.9			38.9			36.8		
S.E.(M)			2.942			1.890			5.405			1.926			2.051			0.649		
C.D. (10%)			7.3			4.6			13.1			4.7			5.1			1.6		
C.V.			8.0			5.9			10.8			5.4			7.5			2.5		
D.O.S.(dd.mm.yy)			07.12.19			09.12.19			07.12.19			10.12.19			08.12.19			07.12.19		

No. of Trials : Proposed = 17 Conducted = 17  
Trials not reported (01) = Dharwad (RMT)

## 1905-NIVT-3B-IR-LS-TAS-NAT-ZONE, 2019-20

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	CZ						PZ											
			Gujarat			Rajasthan			Karnataka		Maharashtra									
			Junagadh		Vijapur	Udaipur		Nippani		Niphad		Pune								
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G						
1	LOK77	N-501	52.4	7	0	56.8	18	0	71.6	5	1	42.3	8	1	52.3	7	1	38.1	8	0
2	HD3366	N-502	51.0	10	0	55.3	21	0	63.5	16	0	31.9	22	0	55.6	2	1	35.8	14	0
3	MP3527	N-503	52.5	6	0	50.8	24	0	59.1	21	0	35.8	16	0	52.6	6	1	35.9	12	0
4	NIAW3895	N-504	50.4	13	0	56.5	20	0	76.0	1	1	35.8	17	0	42.8	19	0	31.5	24	0
5	MP1372	N-505	55.2	2	1	57.4	15	0	47.6	25	0	48.7	1	1	38.8	23	0	34.8	15	0
6	CG1035	N-506	52.8	4	0	70.3	1	1	66.5	13	0	37.0	12	0	40.1	20	0	44.2	1	1
7	HD3367	N-507	46.3	20	0	57.1	17	0	68.4	11	1	41.8	9	1	40.1	21	0	34.7	16	0
8	WH1279	N-508	50.0	15	0	58.1	13	0	69.9	10	1	39.1	10	0	36.3	25	0	36.0	10	0
9	HI1651	N-509	52.2	9	0	62.2	5	0	71.0	8	1	48.6	2	1	53.7	5	1	38.2	7	0
10	HI1652	N-510	53.1	3	1	62.1	6	0	53.6	24	0	35.4	18	0	46.0	15	1	36.0	11	0
11	RVW4309	N-511	51.0	11	0	57.1	16	0	62.4	17	0	47.2	4	1	36.9	24	0	42.7	2	1
12	NWS2180	N-512	46.0	23	0	66.0	4	1	64.1	14	0	46.1	5	1	51.1	9	1	36.2	9	0
13	MACS6774	N-513	48.6	18	0	52.8	22	0	59.1	22	0	36.7	13	0	55.7	1	1	29.1	25	0
14	UAS3013	N-515	49.9	16	0	57.4	14	0	66.7	12	0	28.7	25	0	47.5	14	1	42.1	3	1
15	AKAW5080	N-516	52.6	5	0	58.4	12	0	59.4	20	0	30.8	24	0	51.9	8	1	38.9	6	0
16	DBW320	N-517	46.2	21	0	61.7	7	0	71.3	7	1	43.3	7	1	48.3	13	1	41.4	4	1
17	CG1037	N-518	46.0	22	0	59.7	10	0	72.9	4	1	36.1	15	0	44.5	16	0	39.1	5	0
18	GW527	N-519	58.9	1	1	68.9	3	1	75.3	2	1	48.5	3	1	43.3	18	0	33.2	20	0
19	MACS6769	N-520	49.0	17	0	58.5	11	0	60.7	18	0	33.3	20	0	54.2	3	1	32.6	23	0
20	GW525	N-522	44.6	24	0	70.1	2	1	63.7	15	0	44.3	6	1	49.5	11	1	34.4	18	0
21	NIAW3898	N-523	47.9	19	0	51.5	23	0	59.0	23	0	31.3	23	0	53.8	4	1	35.9	13	0
22	MP3529	N-524	44.6	25	0	48.7	25	0	60.5	19	0	36.6	14	0	50.1	10	1	32.7	22	0
23	PBW837	N-525	52.3	8	0	56.6	19	0	71.5	6	1	35.2	19	0	49.0	12	1	34.6	17	0
24	HD2932 (C)	N-514	50.8	12	0	60.9	8	0	73.7	3	1	38.6	11	0	39.2	22	0	33.6	19	0
25	HD2864 (C)	N-521	50.2	14	0	60.7	9	0	70.6	9	1	33.1	21	0	44.2	17	0	32.8	21	0
G.M.			50.2			59.0			65.5			38.6			47.1			36.2		
S.E.(M)			2.445			2.405			3.712			3.792			4.223			2.042		
C.D. (10%)			6.0			5.9			9.2			9.4			10.4			5.0		
C.V.			6.9			5.8			8.0			13.9			12.7			8.0		
D.O.S.(dd.mm.yy)			08.12.19			06.12.19			06.12.19			09.12.19			09.12.19			11.12.19		

## 1905-NIVT-3B-IR-LS-TAS-NAT-ZONE, 2019-20

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	PZ							
			Maharashtra							
			Parbhani		Akola		Karad		Kolhapur	
			Yield	RK G	Yield	RK G	Yield	RK G	Yield	RK G
1	LOK77	N-501	29.6	6 1	18.1	25 0	28.8	20 0	35.2	7 0
2	HD3366	N-502	23.9	17 0	35.8	3 1	35.2	10 0	21.7	21 0
3	MP3527	N-503	31.3	4 1	35.5	4 1	38.3	4 1	33.1	10 0
4	NIAW3895	N-504	28.9	7 1	33.0	6 1	37.2	5 1	18.5	24 0
5	MP1372	N-505	30.3	5 1	28.7	15 0	25.5	22 0	29.2	14 0
6	CG1035	N-506	24.1	16 0	29.2	14 0	40.5	2 1	22.3	20 0
7	HD3367	N-507	21.4	22 0	21.1	24 0	25.0	24 0	23.3	19 0
8	WH1279	N-508	19.9	24 0	22.3	22 0	33.6	12 0	26.3	16 0
9	HI1651	N-509	31.5	3 1	27.7	16 0	30.9	17 0	42.5	2 1
10	HI1652	N-510	24.3	15 0	32.8	7 1	25.4	23 0	30.5	12 0
11	RVW4309	N-511	22.0	21 0	23.0	21 0	35.4	9 0	25.8	17 0
12	NWS2180	N-512	27.4	9 0	33.5	5 1	32.6	15 0	19.4	23 0
13	MACS6774	N-513	32.1	2 1	30.4	11 0	39.8	3 1	35.9	6 0
14	UAS3013	N-515	22.3	19 0	27.5	17 0	36.5	6 1	46.5	1 1
15	AKAW5080	N-516	24.8	13 0	32.2	9 1	32.9	14 0	34.9	8 0
16	DBW320	N-517	33.4	1 1	32.4	8 1	30.2	19 0	37.9	4 0
17	CG1037	N-518	27.4	8 0	23.6	20 0	31.7	16 0	21.3	22 0
18	GW527	N-519	26.3	12 0	36.7	1 1	36.0	8 1	24.5	18 0
19	MACS6769	N-520	22.1	20 0	29.6	13 0	36.1	7 1	26.8	15 0
20	GW525	N-522	19.3	25 0	24.3	19 0	34.0	11 0	36.8	5 0
21	NIAW3898	N-523	20.7	23 0	31.4	10 1	41.7	1 1	32.3	11 0
22	MP3529	N-524	22.7	18 0	21.9	23 0	26.9	21 0	29.5	13 0
23	PBW837	N-525	27.3	10 0	26.0	18 0	30.4	18 0	33.3	9 0
24	HD2932 (C)	N-514	26.5	11 0	30.2	12 0	33.5	13 0	38.7	3 0
25	HD2864 (C)	N-521	24.3	14 0	36.7	1 1	24.7	25 0	17.6	25 0
G.M.			25.7		29.0		32.9		29.8	
S.E.(M)			2.154		2.541		2.458		2.745	
C.D. (10%)			5.3		6.1		6.1		6.8	
C.V.			11.8		12.4		10.6		13.0	
D.O.S.(dd.mm.yy)			05.12.19		06.12.19		09.12.19		09.12.19	

1905-NIVT-3B-IR-LS-TAS-NAT-ZONE, 2019-20

ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	CZ			PZ			NATIONAL		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	LOK77	N-501	49.8	24	0	34.9	10	0	43.3	21	0
2	HD3366	N-502	50.9	19	0	34.3	13	0	43.6	19	0
3	MP3527	N-503	51.1	18	0	37.5	3	1	45.2	7	0
4	NIAW3895	N-504	52.6	9	0	32.5	20	0	43.8	15	0
5	MP1372	N-505	52.3	12	0	33.7	15	0	44.2	13	0
6	CG1035	N-506	52.5	10	0	33.9	14	0	44.4	10	0
7	HD3367	N-507	53.1	7	0	29.6	25	0	42.8	24	0
8	WH1279	N-508	54.1	5	0	30.5	23	0	43.8	16	0
9	HI1651	N-509	53.4	6	0	39.0	1	1	47.1	2	1
10	HI1652	N-510	53.1	8	0	32.9	19	0	44.2	12	0
11	RVW4309	N-511	50.3	22	0	33.3	18	0	42.9	23	0
12	NWS2180	N-512	51.9	15	0	35.2	9	0	44.6	9	0
13	MACS6774	N-513	52.0	14	0	37.1	4	1	45.5	6	0
14	UAS3013	N-515	51.5	16	0	35.9	5	0	44.6	8	0
15	AKAW5080	N-516	50.2	23	0	35.2	8	0	43.7	17	0
16	DBW320	N-517	52.5	11	0	38.1	2	1	46.2	4	1
17	CG1037	N-518	52.3	13	0	32.0	21	0	43.4	20	0
18	GW527	N-519	56.5	1	1	35.5	6	0	47.3	1	1
19	MACS6769	N-520	50.6	21	0	33.5	17	0	43.1	22	0
20	GW525	N-522	55.5	2	1	34.7	11	0	46.4	3	1
21	NIAW3898	N-523	50.7	20	0	35.3	7	0	44.0	14	0
22	MP3529	N-524	47.0	25	0	31.5	22	0	40.2	25	0
23	PBW837	N-525	51.4	17	0	33.7	16	0	43.7	18	0
24	HD2932 (C)	N-514	55.0	4	1	34.3	12	0	45.9	5	1
25	HD2864 (C)	N-521	55.1	3	1	30.5	24	0	44.3	11	0
G.M.			52.2			34.2			44.3		
S.E.(M)			0.964			1.116			0.730		
C.D. (10%)			2.2			2.6			1.7		

## Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: NIVT-3B-IR-LS-TAS, 2019-20

SN	Variety	Code	Rust Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	LOK77	N-501	tR	tR	59-89	72	96-131	116	75-101	86	10	Ey	A	SH	34-43	39
2	HD3366	N-502	5MR	5S	60-85	70	97-129	114	76-101	89	10	Ey	A	SH	36-45	40
3	MP3527	N-503	tMR	20S	51-77	62	95-123	109	82-106	97	10	Ey	A	SH	39-52	43
4	NIAW3895	N-504	0	tMS	51-78	63	87-124	108	84-103	94	10	Ey	A	SH	40-52	44
5	MP1372	N-505	10MR	tR	50-82	62	92-126	108	71-101	87	10	Ey	A	SH	39-50	44
6	CG1035	N-506	5MR	20S	61-87	71	98-129	114	76-103	93	10	Ey	A	SH	38-48	42
7	HD3367	N-507	tMR	tS	59-82	70	97-125	114	73-100	88	10	Ey	A	SH	36-49	41
8	WH1279	N-508	0	tR	54-86	69	97-128	115	79-106	93	10	Ey	A	SH	39-51	44
9	HI1651	N-509	0	tR	53-81	65	95-123	110	70-102	88	10	Ey	A	SH	35-47	41
10	HI1652	N-510	5MS	tR	50-75	62	90-115	106	68-96	80	10	Ey	A	SH	35-44	39
11	RVW4309	N-511	tR	10S	60-81	69	99-121	113	73-101	88	10	Ey	A	SH	34-45	38
12	NWS2180	N-512	tR	tMS	60-86	72	95-125	115	72-101	89	10	Ey	A	SH	32-48	39
13	MACS6774	N-513	40S	20S	59-81	69	93-122	112	75-100	90	10	Ey	A	SH	34-45	40
14	UAS3013	N-515	tR	20S	63-88	74	98-130	118	85-110	98	20	Ey	A	SH	35-51	40
15	AKAW5080	N-516	tMR	10MR	51-77	62	92-122	108	73-108	94	10	Ey	A	SH	31-43	37
16	DBW320	N-517	tR	tR	53-82	66	94-123	111	73-96	90	10	Ey	A	SH	37-50	45
17	CG1037	N-518	0	tMS	60-81	70	97-122	114	82-108	97	10	Ey	A	SH	33-48	40
18	GW527	N-519	0	tR	47-78	63	87-120	108	67-87	77	10	Ey	A	SH	38-51	46
19	MACS6769	N-520	0	tR	57-82	69	96-122	113	71-94	85	10	Ey	A	SH	35-50	40
20	GW525	N-522	0	0	56-86	69	94-126	112	81-110	99	10	Ey	A	SH	39-57	46
21	NIAW3898	N-523	0	tR	51-78	62	92-123	108	82-99	91	10	Ey	A	SH	35-50	41
22	MP3529	N-524	tR	tR	55-82	67	95-124	112	78-96	85	10	Ey	A	SH	34-44	39
23	PBW837	N-525	tR	tMS	52-81	64	94-121	109	81-105	94	10	Ey	A	SH	34-47	41
24	HD2932 (C)	N-514	0	20MR	56-83	69	94-123	112	75-97	88	15	Ey	A	SH	35-47	40
25	HD2864 (C)	N-521	0	tR	50-81	64	95-121	109	71-95	83	10	Ey	A	SH	37-45	41

1. Ancillary data from Bilaspur, Gwalior, Indore, Jabalpur, Junagadh, Powarkheda, Raipur, Udaipur and Vijapur.
2. Black rust data from Powarkheda and Vijapur; brown rust data from Junagadh and Vijapur.
3. Lodging data from Gwalior, Junagadh, Powarkheda and Vijapur.

**NIVT-3B-IR-LS-TAS, 2019-20**  
**Central Zone**  
**Individual Station Rust Data**

SN	Variety	Code	Brown Rust		Black Rust	
			Junagadh	Vijapur	Powarkheda	Vijapur
1	LOK77	N-501	0	0	0	tR
2	HD3366	N-502	tR	0	0	5S
3	MP3527	N-503	5MR	tR	20S	10S
4	NIAW3895	N-504	tMR	tR	0	tMS
5	MP1372	N-505	0	0	0	tR
6	CG1035	N-506	10MR	tMS	20S	10MS
7	HD3367	N-507	5MR	0	0	tS
8	WH1279	N-508	tMR	0	0	tR
9	HI1651	N-509	0	0	0	tR
10	HI1652	N-510	0	0	0	tR
11	RVW4309	N-511	5MS	tMS	0	10S
12	NWS2180	N-512	0	tR	0	tMS
13	MACS6774	N-513	0	tR	20S	10MR
26	UAS3013	N-515	0	0	20S	5S
15	AKAW5080	N-516	0	tR	0	10MR
16	DBW320	N-517	tMR	0	0	tR
17	CG1037	N-518	0	tR	0	tMS
18	GW527	N-519	0	0	0	tR
19	MACS6769	N-520	0	0	0	tR
20	GW525	N-522	0	0	0	0
27	NIAW3898	N-523	0	0	0	tR
22	MP3529	N-524	0	0	0	tMS
23	PBW837	N-525	0	tR	0	tR
24	HD2932 (C)	N-514	40S	tR	0	20MR
25	HD2864 (C)	N-521	0	0	0	tR

### Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: NIVT-3B-IR-LS-TAS, 2019-20

SN	Variety	Code	Disease Reactions		Agronomic Characteristics								Grain Characteristics			
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	LOK77	N-501	0	0	46-64	54	90-114	101	52-95	74	15	Ey	A	SH	39-43	41
2	HD3366	N-502	10S	10S	45-64	54	90-113	103	62-90	79	0	Ey	A	SH	33-45	39
3	MP3527	N-503	30S	10S	45-56	48	83-113	101	66-103	83	25	Ey	A	SH	41-47	44
4	NIAW3895	N-504	0	10MS	46-58	53	88-111	100	70-101	84	0	Ey	A	SH	35-49	44
5	MP1372	N-505	0	0	40-59	47	78-112	97	66-96	76	25	Ey	A	SH	42-49	45
6	CG1035	N-506	60S	10S	46-67	57	90-111	103	70-95	85	0	Ey	A	SH	34-44	39
7	HD3367	N-507	0	0	47-67	58	91-115	104	65-94	75	0	Ey	A	SH	37-45	39
8	WH1279	N-508	0	10MS	47-67	58	90-113	104	68-99	80	0	Ey	A	SH	37-49	42
9	HI1651	N-509	0	0	46-62	52	84-114	98	60-97	75	10	Ey	A	SH	42-48	44
10	HI1652	N-510	0	0	44-60	49	84-114	97	58-83	70	0	Ey	A	SH	36-44	40
11	RVV4309	N-511	30S	20S	46-62	53	86-115	101	59-100	76	10	Ey	A	SH	35-47	39
12	NWS2180	N-512	0	10MS	47-68	57	90-113	101	66-94	77	0	Ey	A	SH	38-41	40
13	MACS6774	N-513	10S	10S	46-64	55	90-114	101	65-94	79	10	Ey	A	SH	36-43	40
14	UAS3013	N-515	0	10MS	46-69	59	91-115	101	71-103	90	0	Ey	A	SH	40-47	44
15	AKAW5080	N-516	0	0	42-61	50	85-111	98	69-103	84	0	Ey	A	SH	37-45	40
16	DBW320	N-517	0	20S	46-62	51	85-113	99	66-94	79	0	Ey	A	SH	44-50	47
17	CG1037	N-518	0	20S	48-66	58	89-111	100	66-103	84	0	Ey	A	SH	34-43	37
18	GW527	N-519	0	0	45-60	50	84-113	99	57-87	69	0	Ey	A	SH	44-49	46
19	MACS6769	N-520	0	0	46-68	57	90-114	101	60-87	75	0	Ey	A	SH	38-44	41
20	GW525	N-522	0	0	49-63	53	90-114	100	68-106	86	15	Ey	A	SH	45-49	47
21	NIAW3898	N-523	10S	10S	45-58	50	85-114	99	66-99	82	0	Ey	A	SH	35-46	42
22	MP3529	N-524	10MS	10S	47-62	52	86-113	100	55-88	75	10	Ey	A	SH	39-41	40
23	PBW837	N-525	0	30S	48-62	52	85-113	99	67-98	81	15	Ey	A	SH	37-43	41
24	HD2932 (C)	N-514	40S	20S	46-62	54	87-114	100	67-100	79	15	Ey	A	SH	34-45	37
25	HD2864 (C)	N-521	0	0	41-58	48	81-113	97	57-91	73	0	Ey	A	SH	39-43	40

1. Ancillary data from Dharwad, Karad, Kolhapur, Niphad, Nippani, Parbhani, Pune and Akola.
2. Lodging data from Niphad, Parbhani and Akola.
3. Rust data from Dharwad and Nippani.

**NIVT-3B-IR-LS-TAS, 2019-20**  
**Peninsular Zone**  
**Individual Station Rust Data**

SN	Variety	Code	Brown Rust		Black Rust	
			Dharwad	Nippani	Dharwad	Nippani
1	LOK77	N-501	0	0	0	0
2	HD3366	N-502	10S	0	10S	0
3	MP3527	N-503	30S	0	10S	0
4	NIAW3895	N-504	0	0	10MS	0
5	MP1372	N-505	0	0	0	0
6	CG1035	N-506	60S	0	10S	tMS
7	HD3367	N-507	0	0	0	0
8	WH1279	N-508	0	0	10MS	0
9	HI1651	N-509	0	0	0	0
10	HI1652	N-510	0	0	0	0
11	RVW4309	N-511	30S	5MS	20S	5MS
12	NWS2180	N-512	0	0	10MS	0
13	MACS6774	N-513	10S	0	10S	0
26	UAS3013	N-515	0	0	10MS	0
15	AKAW5080	N-516	0	0	0	0
16	DBW320	N-517	0	0	20S	0
17	CG1037	N-518	0	0	20S	0
18	GW527	N-519	0	0	0	0
19	MACS6769	N-520	0	0	0	0
20	GW525	N-522	0	0	0	0
27	NIAW3898	N-523	10S	0	10S	0
22	MP3529	N-524	10MS	0	10S	0
23	PBW837	N-525	0	0	30S	0
24	HD2932 (C)	N-514	40S	0	20S	tMS
25	HD2864 (C)	N-521	0	0	0	0