

## NOTES ON USING THE ARMY LISTS

These lists give a standard for use in competitions and show how historical troop types fit into the categories used in the rules. However they are a guide NOT Gospel. If you violently disagree with them feel free to make changes, and if you fell you know better please feel free to write to me and tell me why. I must admit that some of the lists (especially the South American ones) are based on only limited information.

The following ground rules apply to all the army lists unless the NOTES for a particular list indicate that a particular point does not apply :

1. Units listed under a heading of the form 'Up to x brigades of y units' or 'From x to y brigades of z units' must be fielded in brigades of that size.
2. Units listed under a heading of the form 'Up to x units' or 'From x to y units' must be fielded as Independent.
3. Artillery batteries may be brigaded together as a brigade.
4. Horse Artillery may not be used unless an army contains at least 2 cavalry units. Horse Artillery may not be attached to an infantry brigade.
5. No more than 1 artillery battery may be attached to a non artillery brigade.

Abbreviations used in the lists are explained in the main body of the rules.

Pairs of Howitzers within 6 or 8 gun batteries have been ignored for the sake of simplicity but in the larger Russian batteries are separately defined.

For each troop type the lists give:

- A) The unit size (Min - Max)
- B) A description of the troop type
- C) The number that must/can be fielded (Min - Max)

## LISTS FOR THE 1850'S AND 1860'S

### CRIMEAN WAR BRITISH

#### INFANTRY

From 2 to 4 Brigades of 3 units from	
20-30 Foot B,T2 EML @ 9	120 to 360
Extra to all of upgrade 1 brigade to A class @ 1	up to 90
Reduction to downgrade Foot to C class @ -1	None or 1/2 to All
Extra to replace EML by MLR @ 1	Any or All
Up to 2 brigades of 3 units from	
20-30 Foot B,T2 PM @ 7	up to 180
Up to 1 unit or 1 brigade of 3 units from	
15-30 Light Infantry B,T1 EML @ 10	up to 90
Extra to give Light Infantry MLR @ 1	All or none
Extra to make Light Infantry A class @ 1	Any or All

#### CAVALRY

Up to 1 brigade of 3 to 5 units from	
4-6 Heavies HC A,T2(E) PC @ 9	up to 30
Up to 1 unit or 1 brigade of 4 or 5 units from	
4-6 Lancers LC A,T2(E) Lance @ 8	up to 6
4-6 Lights LC A,T2(E) PC @ 8	up to 24

#### ARTILLERY

From 1 to 4 batteries from	
6 Medium MLSB B,T2 @ 16	6 to 24
6 Light MLSB A,T2 HA @ 14	up to 12
Extra to upgrade HA to Medium @ 5	up to 6
Extra to make HA T1 @ 1	All or none

#### NOTES

- 1) If any MLR are used all Light Infantry must have MLR.
- 2) MLR and C class Foot may not be used with PM armed Inf.
- 3) A and C class foot may not be used together.
- 4) If no PM armed foot are used infantry brigades may contain up to 5 units and light infantry may be brigaded in with other foot.

#### CRIMEAN WAR FRENCH

##### INFANTRY

From 2 to 4 brigades of 3 units from	
12-24 Infantry C,T2 PM @ 7	96 to 240
Extra to upgrade Infantry to B class @ 1	Any or All
Up to 2 units from	
20-40 Chasseurs B,T1 EML @ 10	up to 80

##### CAVALRY

Up to 1 unit or 1 brigade of 2 units from	
10-16 Dragoons HC C,T2(E) PC @ 7	up to 32
10-16 Cuirassiers HC C,T2(E) Armour @ 7	up to 16
Up to 1 unit from	
10-16 Chasseurs etc. LC C,T2(E) PC @ 6	up to 16
Extra to make Chasseurs B class @ 1	up to 16

#### ARTILLERY

From 1 to 4 batteries from	
6 Light MLSB B,T2 B,T2 @ 11	6 to 18
6 Medium MLSB B,T2 @ 16	up to 12
6 Light MLSB B,T2 HA @ 13	up to 6

#### NOTE

The battalion sizes for infantry given above are for the latter part of the war. At the Alma only the elite companies from the third battalion in each line Regiment (Brigade) were present. Represent this either by:

- Having 2 battalions of 24-32 figures and a third B class battalion of 6-8 figures
- Assume all the elite companies from the Regiment are joined together in a third composite battalion and have 3 battalions each 16-24 figures strong, one of which must be B class.

#### CRIMEAN WAR PIEDMONTESE

##### INFANTRY

From 2 to 4 brigades of 5 units from	
12-16 Line D,T2 PM @ 6	96 to 300
Extra to upgrade Line to C class @ 1	Any or All
10-15 Bersaglieri B,T1 EML @ 10	up to 60

##### CAVALRY

Up to 1 unit from	
12-20 Cavalry LC C,T2(E) 3/5 Lance, 2/5 PC @ 6	up to 20

#### ARTILLERY

From 2 to 4 batteries from  
6 Medium MLSB B,T2 @ 16 12 to 24

#### NOTES

1) Infantry must be in brigades of 4 Line and 1 Bersaglieri battalions

#### CRIMEAN WAR RUSSIAN

##### INFANTRY

From 1 to 4 brigades of 4 units from  
20-32 Infantry C,T3 PM @ 6 80 to 320  
Extra to make 1 brigade B class @ 1 up to 128  
Up to 2 brigades of 4 units from  
20-32 Militia D,T3 FM @ 4 up to 256  
Extra to make Militia C class @ 1 Any or All  
Up to 1 unit from  
20-32 Jaeger B,T2 PR @ 8 up to 32

##### CAVALRY

Up to 1 brigade of 2 units from  
EITHER 20-30 Dragoons HC D,T3(E) FC @ 5 up to 60  
OR 16-24 Cuirassiers HC D,T3(E) @ 4 up to 48  
Extra to make HC C class @ 1 All or none  
Up to 1 unit or 1 brigade of 2 units from  
16-24 Hussars LC D,T3(E) FC @ 4 up to 48  
16-24 Lancers LC D,T3(E) Lance @ 4 up to 48  
Extra to give Lancers FC @ 1 All or none  
Extra to make LC C class @ 1 All or none  
Up to 2 units or 1 brigade of 2 units from  
5-20 Cossacks D,I Lance FC @ 6 up to 40

#### ARTILLERY

From 1 to 3 batteries from  
12 Light MLSB B,T2 (inc 4 Lt How) @ 11 12 to 36  
12 Medium MLSB B,T2 (inc 6 How) @ 16 up to 12  
8 Light MLSB B,T2 HA @ 13 up to 8

#### NOTES

- 1) At least 2 infantry brigades must be used.
- 2) For the 12 gun batteries field a separate gun model for the Howitzers, the battery fires as one but calculate the casualties inflicted by the Howitzers separately. Casualties are recorded on the battery as a whole.

#### CRIMEAN WAR TURKISH

##### INFANTRY

From 2 to 4 brigades of 4 units from  
16-24 Infantry D,T3 PM @ 5 128 to 300  
Extra to make infantry C class @ 1 Any or All  
Extra to make 1 brigade B class @ 2 up to 96  
Extra to make infantry T2 @ 1 up to 1/2  
Up to 1 brigade of 4 units from  
16-24 Rifles C,T2 EML @ 8 up to 96  
Extra to make Rifles B class @ 1 All or none  
Up to 3 brigades of 2 to 5 units from  
10-30 Irregulars E,I MM or FM @ 2 up to 120  
10-30 Irregulars D,I FM @ 3 up to 80  
Extra to give irregulars PM @ 1 up to 1/4

##### CAVALRY

Up to 1 unit or 1 brigade of 2 units from	
10-16 Regulars LC D,T3(E) 2/3 Lance 1/3 PC @ 4	up to 32
Extra to upgrade regulars to C class	up to 32
Up to 3 units or 1 brigade of 2 or 3 units from	
5-12 Bashi-Bazooks LC E,I FC @ 4	up to 24
5-12 Circassians LC E,I Lance @ 4	up to 24

#### ARTILLERY

From 1 to 4 batteries from	
6 Light MLSB C,T2 @ 10	6 to 18
6 Medium MLSB C,T2 @ 15	up to 12
Extra to upgrade Gunners to B class @ 1	Any or All

#### NOTE

As an alternative to the above the regular infantry may be organised in either of the ways shown below:

- A) All regular infantry is organised in brigades of 3 battalions.
- B) All regular infantry is organised in brigades of 4 units, 1 T2 the rest T3, the T2 unit may be equipped with EML, a separate rifle brigade may not be fielded.

#### 1859 AUSTRIAN

##### INFANTRY

From 1 to 3 brigades of 4 or 5 units from	
24-36 Fusiliers D,T2 MLR @ 8	72 to 324
16-24 Grenadiers C,T2 MLR @ 9	32 to 80
24-36 Grenzers D,T2 MLR @ 8	up to 120
Extra to make Grenzers T1 @ 1	Any or All
Extra to make Grenzers C class @ 1	Any or All
Extra to make all the Fusiliers in any or all brigades C class and all the Grenadiers B class @ 1	Any Brigade
Up to 1 unit from	
24-36 Jaeger B,T1 MLR @ 11	up to 36
Extra to make Jaeger A class @ 1	All or none

##### CAVALRY

Up to 1 unit or 1 brigade of 3 units from	
8-11 Dragoons HC C,T2(E) MLC @ 9	up to 33
Up to 1 unit from	
8-12 Hussars LC C,T2(E) MLC @ 8	up to 12
8-12 Lancers LC C,T2(E) Lance @ 6	up to 12

##### ARTILLERY

From 1 to 4 batteries from	
8 Light MLSB B,T2 @ 11	8 to 24
8 Medium MLSB B,T2 @ 16	up to 8
8 Medium Howitzers B,T2 @ 16	up to 8
8 Light MLSB B,T2 HA @ 13	up to 8

#### NOTES

- 1) Each infantry brigade must contain 3 fusilier battalions and 1 Grenadier battalion, the 5th unit, if any, must be a Grenzer battalion.
- 1) The Grenadier Battalion must be roughly 2/3 the strength of the fusilier battalions in its brigade.
- 2) Grenzer battalions may be fielded as independent.

#### 1859 FRENCH

##### INFANTRY

From 2 to 4 brigades of 3 units from

14-22 Infantry B,T2 EML @ 9	96 to 240
Extra to make 1 brigade A class @ 1	up to 66
Up to 2 units from	
30-40 Chasseurs B,T1 EML @ 10	up to 80
Extra to upgrade Chasseurs to A class @ 1	Any or All

CAVALRY

Up to 1 unit or 1 brigade of 2 units from	
EITHER 10-16 Lancers LC C,T2(E) Lance @ 6	up to 16
OR 10-16 Chasseurs/Hussars LC C,T2(E) MLC @ 8	up to 32

ARTILLERY

6 Light MLRB B,T1 @ 12	6 to 18
6 Medium MLRB B,T1 @ 17	up to 12

**1859 PIEDMONTESE**

INFANTRY

From 2 to 4 brigades of 4 units from	
16-22 Infantry D,T2 PM @ 6	128 to 320
Extra to upgrade infantry to C class @ 1	Any or All
Up to 2 units from	
16-22 Bersaglieri B,T1 EML @ 10	up to 44
Up to 2 brigades of 2 to 4 units from	
16-20 Volunteers C,T3 PM @ 6	up to 160
Extra to make volunteers B class @ 1	Any or All
Extra to give volunteers EML @ 1	up to 40

CAVALRY

Up to 1 unit from	
8-13 Horse HC C,T2(E) Lance @ 7	up to 13
Up to 1 unit from	
8-13 Lancers LC C,T2(E) Lance @ 6	up to 13
8-13 Lights LC C,T2(E) MLC @ 8	up to 13

ARTILLERY

From 1 to 4 batteries from	
6 Medium MLSB B,T2 @ 16	6 to 18
8 Heavy MLSB B,T2 @ 19	up to 16
8 Medium Howitzers B,T2 @ 16	up to 8

NOTES

- 1) Artillery may not be attached to a volunteer brigade.
- 2) This list may also be used for 1866, in which case all infantry should be armed with MLR.

**1866 AUSTRIAN**

INFANTRY

From 2 to 4 brigades of 3 or 4 units from	
24-36 Infantry D,T3 MLR @ 7	144 to 360
Extra to make Infantry C class @ 1	Any or All
Extra to make 1 brigade B class @ 2	up to 108
24-36 Grenzers C,T2 MLR @ 9	up to 72
Up to 1 unit from	
24-36 Jaeger B,T1 MLR @ 11	up to 36
Extra to upgrade Jaeger to A class @ 1	All or none

CAVALRY

Up to 1 brigade of 3 units from	
14-20 Cuirassiers HC B,T2(E) @ 7	up to 40

10-17 Uhlans LC C,T2(E) Lance @ 6	up to 17
Up to 1 brigade of 2 units from	
15-25 Dragoons HC C,T2(E) MLC @ 9	up to 25
15-25 Hussars LC C,T2(E) MLC @ 8	up to 25

#### ARTILLERY

From 1 to 4 batteries from	
8 Light MLRB B,T1 @ 12	8 to 24
8 Medium MLRB B,T1 @ 17	up to 8
8 Light MLRB B,T1 HA @ 14	up to 8

#### NOTES

- 1) An infantry brigade must contain either 3 infantry battalions alone or 3 infantry battalions plus a grenzer battalion.
- 1) Grenzer battalions may be fielded as independent.
- 2) One unbrigaded LC unit may be fielded alone.

### 1866 BAVARIAN

#### INFANTRY

From 2 to 4 brigades of 3 units from	
24-30 Infantry C,T3 MLR @ 8	144 to 300
Extra to upgrade infantry to T2 @ 1	All or none

Up to 2 units from	
24-30 Jaeger B,T1 MLR @ 11	up to 60

#### CAVALRY

Up to 1 brigade of 2 units from	
16-20 Cuirassiers HC C,T2(E) Armour @ 7	up to 40
Extra to make Cuirassiers B class @ 1	All or none
Up to 1 unit or 1 brigade of 2 or 3 units from	
16-20 Horse LC C,T2(E) @ 5	up to 60
Extra to give Horse MLC @ 3	All or none
16-20 Uhlans LC C,T2(E) Lance @ 6	up to 40

#### ARTILLERY

From 1 to 4 batteries from	
4 Light MLRB B,T2 @ 11	up to 8
4 Medium MLSB B,T2 @ 16	up to 12
6 Medium MLSB B,T2 HA @ 16	up to 12
8 Light MLRB B,T2 @ 11	up to 8
8 Medium MLSB B,T2 @ 16	up to 8

#### NOTES

- 1) Only one 8 gun battery may be used
- 2) An 8 gun battery may not be attached to an infantry brigade

### 1866 HANOVERIAN

#### INFANTRY

From 2 to 4 brigades of 2 units from	
20-30 Infantry C,T2 MLR @ 9	96-240
Extra to make Infantry B class @ 1	Any or All
Up to 2 units from	
24-30 Jaeger B,T1 MLR @ 11	up to 60

#### CAVALRY

Up to 1 brigade of 2 units from	
12-16 Cuirassiers HC B,T2(E) Armour @ 8	up to 32
Extra to make 1 unit of Cuirassiers A class @ 1	up to 16

Up to 1 unit or 1 brigade of 2 units from 12-16 Dragoons HC B,T2(E) PC @ 8	up to 32
Extra to make 1 units of Dragoons A class @ 1	up to 16
Up to 1 unit or 1 brigade of 2 units from 12-16 Hussars LC B,T2(E) PC @ 7	up to 32
Extra to replace ANY PC by MLC	All or none

#### ARTILLERY

From 2 to 4 batteries from 6 Light MLRB B,T2 @ 11	up to 12
6 Medium MLSB B,T2 @ 16	up to 18
6 Light MLRB B,T1 HA @ 14	up to 6

#### NOTES

1) A 2nd Jaeger unit may only be used if at least 3 infantry brigades are used

### 1866 PRUSSIAN

#### INFANTRY

From 2 to 4 brigades of 3 units from 16-32 Infantry C,T2 NG @ 11	96 to 288
Extra to make infantry B class @ 1	up to 144
Up to 1 unit from 16-32 Jaeger B,T1 NG @ 13	up to 32
Extra to make Jaeger A class @ 1	All or none

#### CAVALRY

Up to 1 brigade of 2 units from EITHER Cuirassiers HC B,T2(E) Armour @ 8	up to 40
OR Dragoons HC C,T2(E) BLC @ 11	up to 40
Up to 1 unit from 12-20 Uhlans LC C,T2(E) Lance @ 6	up to 20
12-20 Hussars LC C,T2(E) BLC @ 10	up to 20
Reduction to downgrade LC to D as Landwher @ -1	All or none

#### ARTILLERY

From 2 to 4 batteries from 6 Light BLG D,T2 @ 14	up to 12
6 Medium BLG D,T2 @ 19	up to 12
6 Medium MLSB B,T2 @ 16	up to 6
6 Light BLG D,T2 HA @ 16	up to 6

### 1866 SAXON

#### INFANTRY

From 1 to 3 brigades of 4 units from 24-32 Line C,T2 MLR @ 9	96 to 320
Up to 2 units from 24-32 Jaeger B,T1 MLR @ 11	up to 64

#### CAVALRY

Up to 1 unit or 1 brigade of 2 units from 20-28 Reiter HC C,T2 (E) @ 6	up to 56
Extra to make Reiter B class @ 1	Any or All

#### ARTILLERY

From 1 to 3 batteries from 6 Light MLRB B,T2 HA @ 13	up to 6
6 Light MLRB B,T2 @ 11	6 to 18
6 Medium MLRB B,T2 @ 16	up to 6

## NOTES

- 1) The medium artillery battery must either be independent or part of an Artillery brigade
- 2) No more than 1 Jaeger unit may be fielded per infantry brigade

## EARLY WAR CONFEDERATE

### INFANTRY

From 2 to 5 brigades of 3 to 6 units from	
15-30 Militia E,T3 FM @ 3	up to 120
15-30 Militia D,T3 FM @ 4	30 to 120
15-30 Militia C,T3 FM @ 5	60 to 120
15-30 Militia B,T3 FM @ 6	up to 90
15-30 Militia A,T3 FM @ 7	up to 40
1861: Extra to replace FM by PM @ 1	up to 1/3
Extra to replace PM by EML @ 1	up to 30
Extra to replace EML by MLR @ 1	up to 15
1862: Extra to replace FM by PM @ 1	Any or All
Extra to replace PM by EML @ 1	up to 1/2
Extra to replace EML by MLR @ 1	up to 30
Extra to make Militia T2 @ 1	Any or All

### CAVALRY

Up to 1 unit or 1 brigade of 2 units from	
10-20 Cavalry LC C,T3 @ 6	up to 40
Extra to upgrade Cavalry to B or A class @ 1 or 2	Any or All
Reduction to downgrade Cavalry with no carbine to T3(E) @ -2	Any or All
1861: Extra to give cavalry PC @ 1	up to 1/2
1862: Extra to give cavalry PC @ 1	1/2 to All
Extra to replace PC by MLC @ 2	Any or All
Extra to make Cavalry T2 @ 1	Any or All

### ARTILLERY

From 1 to 4 batteries from	
2-4 Light MLSB C,T3 @ 7	4 to 12
2-4 Light Howitzers C,T3 @ 7	up to 4
2-4 Medium MLSB C,T3 @ 12	up to 8
2-4 Medium MLRB C,T3 @ 12	up to 4
Extra to make gunners B class @ 1	Any or All
1861: Extra to make gunners T2 @ 3	up to 1/2
1862: Extra to make gunners T2 @ 3	1/2 to All

## NOTES

- 1) An army must be either an 1861 army or an 1862 army.
- 2) Only 1 battery of medium guns may be used in 1861.
- 3) An artillery brigade must not be used.

## EARLY WAR UNION

### INFANTRY

From 2 to 5 brigades of 3 to 6 units from	
12-16 Regulars B,T1 MLR @ 11	up to 16
15-30 Militia E,T3 FM @ 3	up to 90
15-30 Militia D,T3 FM @ 4	60 to 150
15-30 Militia C,T3 FM @ 5	up to 120
15-30 Militia B,T3 FM @ 6	up to 60
1861: Extra to replace FM by PM @ 1	up to 1/2
Extra to replace PM by EML @ 1	up to 40
Extra to replace EML by MLR @ 1	up to 20
1862: Extra to replace FM by PM @ 1	Any or All

Extra to replace PM by EML @ 1	up to 3/4
Extra to replace EML by MLR @ 1	up to 50
Extra to make Militia T2 @ 1	Any or All
1862: Up to 1 unit from	
4-12 Sharpshooters B,T1 MLR @ 11	up to 12
Extra to give sharpshooters EBL @ 4	Any or All

#### CAVALRY

Up to 1 unit from	
4-7 Cavalry LC D,T3 MLC @ 8	up to 7
Extra to replace MLC by BLC @ 2	All or none

#### ARTILLERY

From 1 to 4 batteries from	
2-6 Light MLSB C,T3 @ 7	up to 8
2-6 Light Howitzer C,T3 @ 7	up to 8
2-6 Medium MLSB C,T3 @ 12	up to 12
2-6 Medium MLRB C,T3 @ 12	up to 12
Extra to make 1 medium battery regular as A,T1 @ 6	6 or none
Extra to make gunners B class @ 1	Any or All
1861: Extra to make non regular gunners T2 @ 3	up to 1/2
1862: Extra to make non regular gunners T2 @ 3	1/2 to All
1862: 4 Heavy MLSB D,T2 @ 17	4 or none

#### NOTES

- 1) An army must be either an 1861 or an 1862 army.
- 2) Only 1 medium battery may be used in 1861.
- 3) If used the Heavy battery must be fielded as an independent unit.
- 4) Artillery must not be organised into an artillery brigade.

#### LATE WAR CONFEDERATE

##### INFANTRY

From 2 to 5 brigades of 3 to 6 units from	
10-30 Militia D,T3 PM @ 5	20 to 100
10-30 Militia D,T3 EML @ 6	40 to 200
Extra to give militia MLR @ 1 or 2	up to 3/4
Extra to replace MLR by EBL @ 4	up to 15
Reduction to downgrade Militia to E class @ -1	up to 80
Extra to upgrade Militia to C class @ 1	Any or All
Extra to upgrade Militia to B class @ 1	up to 2/3
Extra to upgrade B class Militia to A class @ 1	up to 30
Extra to upgrade T3 to T2 @ 1	1/2 to All
Up to 2 units from	
5-10 Sharpshooters B,T1 MLR @ 11	up to 20
Extra to give Sharpshooters EBL @ 4	up to 10

##### CAVALRY

Up to 1 unit or 1 brigade of 2 units from	
5-20 Cavalry LC C,T2 PC @ 9	up to 40
Extra to upgrade Cavalry to B class @ 1	Any or All
Extra to make Cavalry T1 @ 1	Any or All
Extra to replace PC by MLC @ 2	Any or All
Extra to replace PC by MLR @ 3	Any or All
Extra to replace PC by BLC @ 4	up to 10

##### ARTILLERY

From 1 to 4 batteries from	
4 Medium MLSB B,T2 @ 16	up to 8
4 Medium MLRB B,T2 @ 16	up to 8
4 Light Howitzers B,T2 @ 11	up to 4

4 Medium MLRB B,T2 HA @ 18	up to 4
2-4 EMG B,T2 @ 13	up to 4

NOTES

- 1) No more than 20 breechloading weapons may be used.
- 2) Sharpshooters may either be independent or brigaded with other infantry.

**LATE WAR UNION**

INFANTRY

From 2 to 5 brigades of 3 to 5 units from	
10-30 Militia D,T3 EML @ 6	20 to 120
10-30 Militia D,T3 MLR @ 7	40 to 200
Reduction to replace MLR by PM @ -2	up to 30
Reduction to downgrade Militia to E class @ -1	up to 90
Extra to make Militia T2 @ 1	Any or All
Extra to make Militia C class @ 1	Any or All
Extra to make 1 brigade B class @ 2	up to 80
Extra to replace MLR by EBL @ 4	up to 30
Extra to replace MLR by ERR @ 7	up to 15
Up to 1 unit from	
4-20 Sharpshooters C,T1 MLR @ 10	up to 20
Extra to give sharpshooters EBL @ 4	All or none
Extra to make sharpshooters B or A class @ 1 or 2	All or none

CAVALRY

Up to 1 unit or 1 brigade of 2 or 3 units from	
7-14 Cavalry LC D,T2 BLC @ 11	up to 42
Extra to make Cavalry C or B class @ 1 or 2	Any or All
Extra to upgrade C or B cavalry to T1 @ 1	Any or All
Extra to replace BLC by RC @ 1	up to 28
Reduction to replace BLC by MLC @ -2	up to 14

ARTILLERY

From 2 to 4 batteries from	
4 or 6 Medium MLRB B,T2 @ 16	4 to 12
4 or 6 Medium MLSB B,T2 @ 16	up to 12
4 Light Howitzers B,T2 @ 11	up to 4
4 or 6 Medium MLRB B,T2 HA @ 18	up to 6
2 to 6 EMG B,T2 @ 13	up to 6
Extra to upgrade gunners to T1	Any or All
Extra to upgrade gunners to A class @ 1	up to 6
Reduction to downgrade gunners to C class @ -1	up to 1/2

NOTE

- 1) No more than 30 foot with breechloading or repeating rifles may be used.

**FRANCO-IMPERIALIST IN MEXICO**

INFANTRY

Up to 3 brigades of 2 to 4 units from	
8-20 French/Europeans C,T2 EML @ 8	up to 150
Extra to replace EML by MLR @ 1	Any or All
Extra to make Europeans B or A class @ 1 or 2	Any or All
Extra to upgrade Europeans to T1 @ 1	up to 72
Up to 1 unit from	
16-30 French Chasseurs A,T1 MLR @ 12	up to 30
Up to 4 brigades of 2 to 4 units from	
10-24 Mexicans E,T3 EML @ 5	up to 240
Extra to replace EML by MLR @ 1	Any or All

Extra to make Mexicans D class @ 1 up to 1/2

#### CAVALRY

Up to 1 unit or 1 brigade of 2 units from  
4-8 European Hussars/Chasseurs LC B,T2(E) MLC @ 9 up to 16  
4-8 European Lancers LC B,T2(E) Lance @ 7 up to 8  
Up to 2 units or 1 brigade of 2 units from  
6-12 Mexicans LC E,T3(E) MLC @ 5 up to 24  
Extra to give Mexicans Lance @ 1 Any or All  
Extra to make Mexicans D class @ 1 Any or All

#### ARTILLERY

Up to 2 batteries from  
2-6 European Light MLRB B,T2 @ 11 up to 12  
2-6 European Medium MLRB B,T2 @ 16 up to 6  
Reduction to make Gunners Mexicans, ie. D class @ -2 up to 12

#### NOTES

- 1) At least 2 infantry brigades must be used.
- 2) Only European gunners may be attached to European brigades, only Mexican gunners can be attached to Mexican brigades. No artillery brigade may be used. Mexican crewed guns may be smoothbores.

### **MEXICAN REPUBLICAN**

#### INFANTRY

From 2 to 5 brigades of 2 or 3 units from  
10-24 Infantry D,T3 EML @ 6 up to 60  
10-24 Infantry D,T3 MLR @ 7 60 to 300  
Extra to make Infantry C class @ 1 Any or All  
Extra to make 1 brigade T2 @ 1 up to 72  
Up to 1 unit from  
10-24 Infantry B,T2 MLR @ 10 up to 24  
Extra to replace ANY MLR above with EBL @ 4 up to 1/3  
Extra to replace EBL by ERR @ 3 up to 16  
Up to 2 units or 2 brigades of 2 or 3 units from  
5-12 Guerrillas D,I FM @ 3 up to 24  
5-12 Guerrillas D,I PM @ 4 up to 24  
5-12 Guerrillas D,I EML @ 5 up to 36  
5-12 Guerrillas D,I MLR @ 6 up to 48  
Extra to replace Guerrilla's MLR by EBL @ 4 up to 1/3

#### CAVALRY

Up to 1 unit or up to 2 brigades of 2 units from  
4-8 Cavalry D,T3 MLC @ 8 up to 32  
Extra to upgrade Cavalry to C class Any or All  
Extra to make Cavalry T2 @ 1 up to 16  
Extra to give Cavalry Lance @ 1 up to 16  
Extra to replace MLC by BLC or RC @ 2 or 3 up to 16  
Up to 2 units or 1 brigade of 2 units from  
4-8 Guerrillas LC D,I @ 4 up to 16  
Extra to give Guerrillas Lance @ 1 Any or All  
Extra to give Guerrillas MLC @ 3 Any or All  
Extra to replace MLC by BLC or RC @ 2 or 3 up to 8

#### ARTILLERY

Up to 2 batteries from  
2-6 Light MLSB or MLRB C,T2 @ 10 up to 12  
2-6 Medium MLSB or MLRB C,T2 @ 15 up to 12  
Extra to make Gunners B class @ 1 Any or All

NOTE

1) No artillery brigade may be used.

BRAZILIAN 1864-70

INFANTRY

Up to 3 brigades of 3 or 4 units from  
10-26 Regulars D,T2 EML @ 7 up to 100  
10-26 Regulars D,T2 MLR @ 8 60 to 200  
10-26 Regulars D,T2 NG @ 10 up to 26  
10-26 Regulars D,T2 EBL @ 12 up to 26  
Extra to make 1 brigade C class @ 1 up to 104  
Up to 3 brigades of 3 or 4 units from  
10-26 Militia E,T3 EML @ 5 up to 150  
10-26 Militia E,T3 MLR @ 6 up to 200  
Extra to make Militia D class @ 1 Any or All  
Extra to make militia T2 @ 1 up to 1/2

CAVALRY

Up to 1 unit or 1 brigade of 2 or units from  
10-16 Regulars 3/4 LC C,T2(E) Lance @ 6  
1/4 LC C,T2 MLC @ 10 up to 32  
Up to 1 unit or 1 brigade of 2 or 3 units from  
10-16 Militia 3/4 LC C,T3(E) Lance @ 5  
1/4 LC C,T3 MLC @ 9 up to 32  
Extra to make Militia T2 @ 1 Any or All  
Extra to replace ANY MLC by BLC @ 2 up to 8  
Extra to make ANY cavalry B class Any or all

ARTILLERY

From 1 to 4 batteries from  
6-8 Medium MLRB B,T2 @ 16 up to 32  
Extra to make 1 battery HA @ 2 up to 8  
6-8 Heavy MLRB B,T2 @ 19 up to 8

NOTES

- 1) At least 2 infantry brigades must be used.
- 2) In a 3 unit cavalry brigade the carbine armed cavalry are fielded as a separate unit.
- 3) All the cavalry in a brigade must be of the same morale class.
- 4) One 4 to 8 figure carbine armed cavalry unit may be fielded without any lancers but only if it is the only cavalry unit fielded,

PARAGUAYAN 1865-70

INFANTRY

From 2 to 5 brigades of 3 or 4 units from  
10-32 Infantry A,T3 FM @ 7 150 to 350  
Extra to upgrade Infantry to T2 @ 1 Any or All  
Reduction to remove FM from Infantry @ -1 up to 1/4  
Extra to replace FM by PM or PR @ 1 up to 1/4  
Extra to replace FM by EML or MLR @ 2 or 3 up to 120

CAVALRY

From 1 to 3 brigades of 2 or 3 units from  
10-20 Cavalry LC A,T3(E) Lance @ 7 24 to 100  
Extra to give Cavalry FC, PC or MLC @ 1 or 3 up to 1/2  
Extra to upgrade Cavalry to T2(E) @ 1 Any or all

ARTILLERY

From 1 to 4 batteries from	
4-6 Light MLSB A,T2 @ 12	4 to 18
4-6 Medium MLSB A,T2 @ 17	up to 12
4-6 Medium MLRB A,T2 @ 17	up to 8

NOTES

- 1) One cavalry unit may be fielded as independent.
- 2) One infantry unit may be upgraded to T1 and fielded as independent.

**INDIAN MUTINY BRITISH**

INFANTRY

From 2 to 4 brigades of 2 to 5 units from	
8-20 British B,T2 MLR @ 10	40 to 120
8-20 British B,T2 PM @ 8	up to 48
Extra to make British A class @ 1	1/2 to All
10-25 Sepoys E,T2 PM @ 5	up to 80
Extra to loyal Sepoys D or C class @ 1 or 2	up to 40
10-25 Goorkhas/Sikhs B,T3 PM @ 7	up to 60
Extra to make Goorkhas or Sikhs T2 @ 1	Any or All
Extra to give Sepoys, Goorkhas or Sikhs MLR @ 2	up to 40
Up to 1 unit from	
8-20 Rifles A,T1 MLR @ 12	up to 20

CAVALRY

Up to 3 units either independent or including a brigade of 2 or 3 units from	
8-12 Dragoons HC A,T2(E) MLC @ 11	up to 12
8-12 Lights LC A,T2(E) MLC @ 10	up to 24
Extra to give Lights Lance @ 1	up to 12
Extra to replace MLC by BLC @ 2	up to 12
8-12 Indians LC B,I @ 6	up to 12
Extra to give Indians Lance @ 1	Any or All
Extra to give Indians MLC @ 2	Any or All

ARTILLERY

From 1 to 4 batteries from	
6 Medium MLSB A,T2 @ 17	6 to 18
6 Heavy MLSB A,T2 @ 20	up to 6
6 Light MLSB A,T1 HA @ 15	up to 6

NOTE

- 1) The Heavy battery, if used, must be independent.

INDIAN MUTINEER

INFANTRY

From 1 to 3 brigades of 2 to 4 units from	
15-30 Mutineers D,T3 PM @ 5	up to 240
Extra to make Mutineers C class @ 1	Any or All
Up to 1 unit from	
15-30 Mutineers C,T2 PR @ 7	up to 30
Extra to give ANY 1 Mutineer unit MLR @ 2	up to 30
From 1 to 3 brigades of 3 to 6 units from	
10-20 Native States Sepoys D,T3 FM @ 4	up to 40
5-20 Musketeers D,I MM @ 3	up to 120
Extra to replace MM by FM @ 0	up to 1/4
5-20 Jezzailmen D,I FR @ 3	up to 20
Extra to give Jezzailmen shield @ 1	Any or All
20-40 Levies/Badmashes E,I @ 1	up to 120
Extra to give Levies Shield @ 1	up to 10

Extra to give levies without Shield MM @ 1	up to 20
Extra to make levies D class	up to 1/2

#### CAVALRY

Up to 1 unit or 1 brigade of 2 units from 6-12 Mutineers LC D,T3(E) PC @ 4	up to 24
Extra to make mutineers C class @ 1	Any or All

Up to 2 units or 1 brigade of 2 to 4 units from 10-20 Irregulars LC E,I @ 3	up to 40
Extra to give irregulars shield @ 1	up to 1/3
Extra to give irregulars armour @ 1	up to 1/4
Extra to make irregulars D class @ 1	up to 20
Extra to make 1 D class unit B,T3(E) as bodyguard @ 1	up to 10

#### ARTILLERY

Up to 3 batteries from 4-6 Mutineers Medium MLSB D,T2 @ 14	up to 12
Extra to make mutineer Gunners C class @ 1	Any or All
2-4 Native States Artillery Heavy MLSB D,T3 @ 14	up to 4

#### NOTE

Only mutineer artillery may be attached to a mutineer brigade, and non mutineer artillery to a non mutineer brigade. An artillery brigade may not be used.

### ANGLO-FRENCH IN CHINA 1860

#### INFANTRY

From 1 to 3 brigades of 3 units from 20-32 British B,T2 MLR @ 10	40 to 180
Extra to upgrade British to A class @ 1	Any or All
20-32 Indians C,T2 MLR @ 9	20 to 90
Extra to upgrade Indians to B class @ 1	Any or All
Up to 2 units or 1 brigade of 2 or 3 units from 20-36 French Chasseurs B,T1 EML @ 10	up to 90

#### CAVALRY

1 Brigade of 3 units from 6-9 Dragoons HC A,T2(E) MLC @ 11	6 to 9
8-12 Indians LC C,T2(E) Lance MLC @ 11	16 to 22

#### ARTILLERY

From 2 to 4 batteries from 6 Medium MLRB B,T2 @ 16	up to 12
6 Medium MLSB B,T2 @ 16	up to 18
Extra to upgrade 1 battery to HA A,T1 @ 4	up to 6
Up to 1 battery from 6 French Light MLRB B,T2 @ 11	up to 6
Extra to upgrade French guns to Medium @ 5	All or none

#### NOTES

- 1) Only French artillery may be attached to a French Brigade and only British artillery to a British. Both, however may be included within one artillery brigade.
- 2) Each British infantry brigade should include 2 British units and 1 Indian.
- 3) One British infantry unit and/or 1 unit of cavalry may be fielded as independent.

### CHINESE 1860

#### INFANTRY

From 2 to 4 brigades of 2 to 6 units from	
10-30 Matchlock men E,I MM @ 2	60 to 200
10-30 Tigermen & Levies E,I @ 1	20 to 200
Extra to give Tigermen shield @ 1	Any or All
Extra to make infantry D class @ 1	Any or All
From 2 to 4 units from	
5-12 Jingailmen D,I Jingail @ 5	8 to 30

#### CAVALRY

From 2 to 4 brigades of 2 to 4 units from	
5-20 Tatars LC C,I Bow @ 6	40 to 200

#### ARTILLERY

From 1 to 4 batteries from	
2-6 Light MLSB D,T3 @ 6	4 to 18
2-6 Medium MLSB D,T3 @ 11	up to 6

#### Earthworks

1 C.O. infantryman base front of Hard Cover @ 4	40 to 200
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#### NOTE

Jingails count as a matchlock EML for firing. They move as manhandled guns. Troops fired on by Jingails count as being under artillery fire. Cavalry do not count the minus for charging EML for charging Jingails. 1 model gun should be provided for every 3 crew and be mounted on 3 gun wide base.

## ARMY LISTS FOR THE 1870's AND 1880's

### GERMAN 1870-1871

#### INFANTRY

From 2 to 4 brigades of 3 units from  
20-32 Infantry C,T2 NG @ 11 120 to 288  
Extra to make Prussian infantry B class @ 1 Any or All  
Reduction to make NON Prussian infantry D class @ -1 Any or All  
Up to 1 unit from  
16-32 Jaeger B,T1 NG @ 13 up to 32  
Extra to make Prussian Jaeger A class @ 1 All or none

#### CAVALRY

Up to 1 brigade of 2 or 3 units from  
12-20 Heavies HC B,T2(E) @ 7 up to 60  
Extra to give HC either all BLC or all Armour @ 4/1 All  
Up to 1 unit from  
12-20 Hussars LC C,T2(E) BLC @ 10 up to 20  
12-20 Uhlans LC C,T2(E) Lance @ 6 up to 20  
Extra to make Prussian LC B class @ 1 Any or All

#### ARTILLERY

From 2 to 4 batteries from  
6 Light BLG B,T1 @ 17 6 to 12  
6 Medium BLG B,T1 @ 22 up to 12  
Extra to promote Prussian Gunners to A class @ 1 Any or All

#### NOTE

A wargames army must either be a Prussian or a non Prussian one.

### IMPERIAL FRENCH 1870

#### INFANTRY

From 2 to 4 brigades of 3 units from  
18-24 Infantry B,T2 LBL @ 14 108 to 240  
Extra to make Infantry A class @ 1 Any or All  
Up to 1 unit from  
18-40 Chasseurs A,T1 LBL @ 16 up to 40

#### CAVALRY

Up to 1 brigade of 2 units from  
EITHER 12-16 Cuirassiers HC B,T2(E) Armour @ 8 up to 32  
OR 12-16 Dragoons HC C,T2(E) BLC @ 11 up to 32  
Up to 1 unit from  
12-16 LC C,T2(E) BLC @ 10 up to 16  
Extra to give LC Lance @ 1 All or none  
Extra to make LC B class @ 1 All or none

#### ARTILLERY

From 1 to 3 batteries from  
6 Light MLRB B,T2 @ 11 6 to 18  
2-6 EMG B,T2 up to 6

### REPUBLICAN FRENCH 1870-71

#### INFANTRY

From 2 to 4 brigades of 2 to 4 units from  
12-30 Militia D,T3 MLR @ 7 up to 60  
12-30 Militia D,T3 EBL @ 11 up to 60  
12-30 Militia D,T3 LBL @ 12 60 to 200



8 Heavy MLRB B,T2 @ 19	up to 16
8 Medium MLRB B,T2 HA @ 18	up to 16

NOTES

1) One unbrigaded LC unit may be used.

**TURKISH 1877-78**

INFANTRY

From 2 to 4 brigades of 3 units from	
16-24 Infantry C,T3 EBL @ 12	up to 72
16-24 Infantry C,T3 LBL @ 13	60 to 240
Extra to make Infantry B class @ 1	Any or All
Extra to make Infantry T2 @ 1	up to 1/2
Up to 1 unit from	
16-24 Chasseurs B,T1 LBL @ 16	up to 24
Up to 3 units or 2 brigades of 2 to 4 units from	
5-12 Bashi-Bazooks D,I MLR @ 6	up to 24
5-12 Bashi-Bazooks D,I EBL @ 10	up to 36
5-12 Bashi-Bazooks D,I LBL @ 11	up to 48
Extra to upgrade Bashi-Bazooks to C class @ 1	Any or All

CAVALRY

Up to 1 unit from	
4-24 Regulars LC D,T2(E) RC @ 11	up to 24
Reduction to replace RC by Lance @ -6	All or none
Up to 2 units from	
5-12 Irregulars LC E,I MLC @ 6	up to 12
Extra to replace MLC by RC @ 4	All or none
5-12 Circassians E,I Lance @ 4	up to 24
Extra to give Circassians RC @ 7	Any or All

ARTILLERY

From 1 to 4 batteries from	
6 Light BLG B,T2 @ 16	6 to 18
6 Medium BLG B,T2 @ 21	up to 12

NOTE

Artillery may not be attached to a Bashi-Bazook brigade.

**AFGHAN, SECOND AFGHAN WAR**

INFANTRY

From 2 to 4 brigades of 2 to 5 units from	
15-30 Tribesmen C,I Shield @ 4	40 to 200
Extra to give up to 1/2 of any tribesman unit FR @ 1	10 to 100
5-12 Skirmishers C,I FR Shield @ 5	30 to 120
Extra to replace FR by EML @ 2	up to 1/3
Extra to upgrade any of the above to B class @ 1	Any or All
8-12 Ghazis A,I Shield	up to 24
Up to 2 brigades of 2 to 4 units from	
16-24 Regulars D,T3 MLR @ 7	up to 160
Extra to give Regulars EBL @ 4	up to 1/4
Extra to upgrade Regulars to C class @ 1	Any or All

CAVALRY

Up to 1 unit from	
10-25 Tribesmen LC C,I FR Shield @ 7	up to 25
Up to 1 unit from	
6-12 Regulars LC D,T3(E) MLC @ 6	up to 12
Extra to upgrade Regulars to C class @ 1	All or none

#### ARTILLERY

Up to 2 batteries from	
4-6 Light MLSB C,T2 @ 10	up to 12
4-6 Medium MLSB C,T2 @ 15	up to 6
4-6 Medium BLG C,T2 @ 20	up to 6

#### NOTES

1) If any regulars are fielded at least one regular infantry brigade must be fielded. No more artillery batteries than regular infantry brigades may be fielded.

#### **ANGLO-INDIAN, SECOND AFGHAN WAR**

##### INFANTRY

From 2 to 3 brigades of 3 or 4 units	
16-24 British B,T2 LBL @ 14	16 to 96
Extra to upgrade British to A class @ 1	
16-24 Indians D,T2 EBL @ 12	64 to 120
Extra to upgrade Indians to C class @ 1	Any or All
Extra to upgrade Indians to B class @ 1	up to 1/3

##### CAVALRY

Up to 2 units or 1 brigade of 2 or 3 units from	
6-12 British LC B,T2(E) BLC @ 11	up to 12
Extra to give British LC Lance @ 1	All or none
6-12 Indians LC C,T2(E) Lance BLC @ 11	up to 24
Extra to make Indian LC B class @ 1	Any or All
Extra to make any LC T2 @ 2	Any or All

##### ARTILLERY

From 1 to 3 batteries from	
6 Light MLRB A,T1 PA @ 13	up to 6
6 Medium MLRB B,T2 @ 16	up to 12
6 Medium MLRB B,T2 HA @ 18	up to 6
Extra to make gunners A class @ 1	Any or All

#### NOTES

1) Infantry may be attached to an Artillery brigade

#### **ZULU WAR BRITISH, 1879**

##### INFANTRY

From 1 to 3 brigades of 2 to 4 units from	
12-24 Infantry B,T2 LBL @ 15	48 to 144
Extra to make Infantry A class @ 1	Any or All
Up to 1 unit or 1 brigade of 2 or 3 units from	
30-40 Native Levies E,I Shield @ 2	up to 120
Extra to give 1/10 Levies FM @ 1	up to 12
Extra to make levies D class @ 1	up to 40

##### CAVALRY

Up to 3 units from	
4-12 Lancers LC B,T2(E) Lance BLC @ 12	up to 12
2-4 Dragoons HC B,T2(E) BLC @ 12	up to 4
2-6 Mounted Infantry B,T2 LBL @ 16	up to 6
Up to 3 units or 1 brigade of 2 or 3 units from	
3-8 Irregulars, Mounted Infantry B,I LBL @ 14	up to 18
Extra to make irregulars LC @ 1	Any or All
Extra to make Irregulars T3 @ 1	up to 12

## ARTILLERY

Up to 3 batteries from	
2-6 Medium MLRB B,T2 @ 16	up to 12
2-6 EMG B,T2 @ 13	up to 6
2-4 Rockets B,T2 @ 9	up to 4

## NOTE

This list can also be used for the first Boer war 1880-81. If so no Lancers or Native Levies may be used. Only 1 medium artillery battery or unit of irregular cavalry may be used. Infantry may not be upgraded to A class.

## ZULU 1879

### INFANTRY

From 2 to 5 brigades of 2 to 5 units from	
5-40 Warriors C,I Shield @ 4	120 to 300
Extra to give warriors FM @ 1	1/3 to 1/2
Extra to make warriors B class @ 1	up to 3/4
Extra to make warriors A class @ 2	up to 40
4-8 Skirmishers FM @ 4	up to 24
Extra to replace any FM by EML @ 2	up to 20
Extra to replace any FM by LBL @ 8	up to 15

## NOTES

Skirmisher units may be fielded as independent

## BOER 1880-81

### INFANTRY

Up to 4 brigades of 2 to 5 units from	
4-12 Boers D,I EBL @ 10	up to 36
4-12 Boers D,I LBL @ 11	up to 144
Extra to mount Boers on horses @ 1	Any or All
Extra to upgrade Boers to C class @ 1	Any or All
Extra to upgrade Boers to B class @ 2	up to 20

## NOTES

1) Any Boer unit may be fielded as independent

## BRITISH IN EGYPT AND THE SUDAN, 1882-85

### INFANTRY

From 2 to 4 brigades of 3 or 4 units from	
16-24 British B,T2 LBL @ 15	64 to 288
Extra to make British A class @ 1	up to 1/2
16-24 Indians D,T2 EBL @ 12	
Extra to make Indians C class @ 1	Any or All
Up to 1 unit from	
4-12 Irregulars D,I EBL @ 11	up to 12

### CAVALRY

Up to 1 unit or 1 brigade of 2 units from	
4-9 Heavies HC A,T2(E) BLC @ 13	up to 18
Up to 2 units or 1 brigade of 2 units from	
4-9 Lights LC B,T2(E) BLC @ 11	up to 18
Extra to make Lights T2 @ 2	up to 18
4-9 Indians LC C,T2(E) Lance BLC @ 11	up to 9

## ARTILLERY

From 1 to 4 batteries from	
2-6 Medium MLRB B,T2 HA @ 18	up to 6

2-6 Medium MLRB B,T2 @ 16	up to 12
2-6 EMG B,T2 @ 13	up to 6
2-6 Light MLRB A,T1 PA @ 13	up to 6

NOTES

1) Heavy cavalry may not be used in the Sudan or Irregulars in Egypt.

**EGYPTIAN 1882-85**

INFANTRY

From 1 to 3 brigades of 2 or 3 units from	
24-32 Fellahin E,T3 EBL @ 10	72 to 240
Up to 1 brigade of 2 or 3 units from	
24-32 Sudanese D,T3 EBL @ 11	up to 96

IRREGULARS

Up to 2 units or 1 brigade of 2 units from	
8-12 Irregulars E,I MLR @ 5	up to 24
Extra to give Irregulars EBL @ 4	Any or All

CAVALRY

Up to 1 unit from	
8-16 Lancers E,T3 Lance BLC @ 10	up to 16
Extra to upgrade Lancers to D class @ 1	Any or All
8-12 Bashi-Bazooks E,I BLC @ 8	up to 12

ARTILLERY

From 1 to 4 batteries from	
3-6 Medium BLG D,T2 @ 19	4 to 16
3-6 EMG D,T2 @ 11	up to 6

**MAHDIST**

INFANTRY

From 2 to 5 brigades of 2 to 5 units from	
15-40 Warriors C,I Shield @ 4	80 to 300
Extra to give Warriors FM or FR @ 1	1/4 to 1/2
4-8 Skirmishers C,I FR @ 4	up to 24
Extra to give any infantry EBL @ 7/8	up to 2/3
Extra to make any infantry B class @ 1	1/2 to All
Extra to make any infantry A class @ 2	up to 40

CAVALRY

Up to 2 units from	
10-25 Cavalry or Camelry LC B,I Shield @ 7	up to 50
Extra to give cavalry FM or FR @ 1	up to 1/2
Extra to give Cavalry BLC @ 5	up to 20

ARTILLERY

Up to 2 batteries from	
2-6 Medium BLG E,T3 @ 15	up to 8
2-4 EMG E,T3 @ 7	up to 4

NOTE

Artillery batteries must be independent