**Supplementary Information for**

**Synergistic global modern 1 km cropland dataset derived from multi-sets of land cover products**

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The detailed combination results of cropland reclamation intensity (fractional range) derived from nine global land cover products or cropland datasets mentioned in methods part were given in Table S1 and S2 in supplementary excel file (AppendixS1.xlsx).

**Description of Table S1**

After extracting the cropland subsets from original global land cover products, we reclassified all the cropland subsets (both Boolean type and fractional type) into four fractional ranges (reclamation intensity) by considering the different land cover classification systems adopted by these products. The whole fraction range from 0% to 100% is divided into 4 levels of 0% ~15%, 16% ~ 60%, 61% ~80% and 81% ~100%; and the levels will be correspondingly recoded with 1, 2, 3 and 4, respectively. In order to make all the combination results to be represented by unique code, we further recode the different levels for each product (see Table S1).

**Description of Table S2**

According to the recoding rules in Table S1, all the combination results (55296 cases) are represented by unique numbers (in first column of Table S2). Then, the reclamation intensity level indicated by each products was interpreted in second column. And we calculated the number of each level. Finally, the consistency and the reclamation intensity level indicated by the combination result of these products are identified.