

# **2022: Global Trends to Improve Food Security and Human Health (2025/2052)**

Dual Use of Food: Medicine or Weapon? – Life or Death?

**(1/2)**

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Improving crops and crop production are key challenges today and in future to safeguard healthy life of all people living on earth.

Everyone involved within these processes have to consider essential global trends in order to focus their work und to provide suitable solutions at the right time.

The paper will address the following:

1. Food Security, Basic Food, Plant-based Protein, Therapeutic Food, Fake Food, Pseudo-Science Food, Herbal Food, Probiotics, Personalized Food, Bio-Pharmaca, mRNA Technology, Personalized Medicine, Molecular Farming, Edible Plant-Based Vaccines.
  2. Dual Use of Food, Feed, Fertilizer, Farming, Fake News, Freedom
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# 2022: Global Trends to Improve Food Security and Human Health (2025/2052)

The future of farming, the future of food production/manufacturing, and the future of health care is revolutionized at an unprecedented speed driven by science and technology, COVID19 pandemic, and Putin's war.

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Science, agriculture, food production/manufacturing and health care must go hand in hand in a synergistic way. Crossbreeds from these essential sectors using cutting-edge genome editing technologies will enable to address successfully the following individual and global all over all targets by 2052:

- elimination of hunger and malnutrition
- avoidance of social unrests, conflicts, migration, and war
- improvement of health and life
- protection of the environment
- Fossil-Fuel Free Farming (F<sup>4</sup>)

Since February 24, 2022 global food security is under heavy fire and everyone is challenged to safeguard food security in order to avoid hunger and death.

Actually, and in future, it is especially important to strengthen and sustainably develop the sense and morale to defend democracies that want to live in peace and freedom in future.

Improving food security and human health is a prerequisite of global peace!

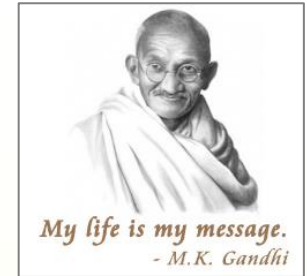
“The seed sprout“, or in other words: “Planting the right ideas, so that they can also be harvested in future.“ (Kern, 2015).

Last, but not least: “Science and technology will win, to enable a better life and a better future!”

Let's Grow Together for a Better Life! – 2022 and beyond ... in Freedom and Peace!

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# Mahatma Gandhi's First Letter to Adolf Hitler, 23<sup>rd</sup> July 1939



As at Wardha  
C.P.  
India.  
23.7.'39.

**Dear friend,**

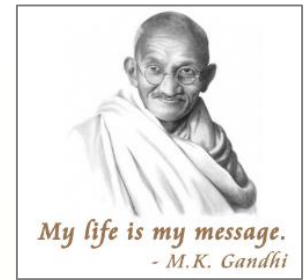
Friends have been urging me to write to you for the sake Of humanity. But I have resisted their request, because of the feeling that any letter from me would be an impertinence. Something tells me that I must not calculate and that I must make my appeal for whatever it may be worth.

**It is quite clear that yo are today the one person in the world who can prevent a war which may reduce humanity to the savage state.** Must you pay that price for an object however worthy it may appear to you to be? Will you listen to the appeal of one who has seliberately shunned the method of war not without considerable success? Any way I anticipate your forgiveness, if I have erred in writing to you.

Herr Hitler  
Berlin  
Germany.

I remain,  
Your sincere friend  
M.K. Gandhi

# Mahatma Gandhi: “Letter to Adolf Hitler“, As at Wardha, December 24, 1940



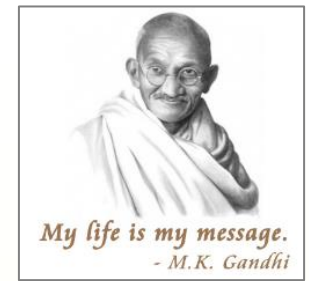
DEAR FRIEND,

That I address you as a friend is no formality. I own no foes. My business in life has been for the past 33 years to enlist **the friendship of the whole of humanity by befriending mankind, irrespective of race, colour or creed.**

I hope you will have the time and desire to know how a good portion of humanity who have view living under the influence of **that doctrine of universal friendship view your action. We have no doubt about your bravery or devotion to your fatherland, nor do we believe that you are the monster described by your opponents.** But your own writings and pronouncements and those of your friends and admirers leave no room for **doubt that many of your acts are monstrous and unbecoming of human dignity**, especially in the estimation of **men like me who believe in universal friendliness.** Such are your humiliation of Czechoslovakia, the rape of Poland and the swallowing of Denmark. I am aware that your view of life regards such spoliations as virtuous acts. But we have been taught from childhood to regard them as acts degrading humanity. **Hence, we cannot possibly wish success to your arms.**

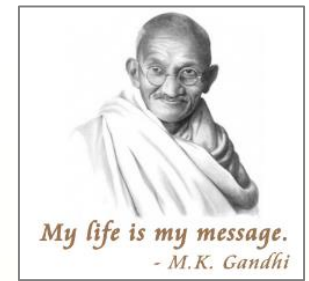
But ours is a unique position. **We resist British Imperialism no less than Nazism. If there is a difference, it is in degree.** One-fifth of the human race has been brought under the British heel by means that will not bear scrutiny. **Our resistance to it does not mean harm to the British people. We seek to convert them, not to defeat them on the battle-field.** Ours is an unarmed revolt against the British rule. But whether we convert them or not, we are determined **to make their rule impossible by non-violent non-co-operation.** It is a method in its nature indefensible. It is based on the knowledge **that no spoliator can compass his end without a certain degree of co-operation, willing or compulsory, of the victim.** Our rulers may have our land and bodies but not our **souls.** They can have the former **only by complete destruction of every Indian-man, woman and child.** That all may not rise to that degree of heroism and that a fair amount of frightfulness can bend the back of revolt is true, but the argument would be beside the point.

# Mahatma Gandhi: “Letter to Adolf Hitler“, As at Wardha, December 24, 1940



For, if a fair number of men and women be found in India who would be prepared without any ill will against the spoliators **to lay down their lives rather than bend the knee to them, they would have shown the way to freedom from the tyranny of violence.** I ask you to believe me when I say that you will find an unexpected number of such men and women in India. They have been having that training for the past 20 years. We have been trying for the past half a century to throw off the British rule. **The movement of independence has been never so strong as now.** The most powerful political organization, I mean the Indian National Congress, is trying to achieve this end. We have attained a very fair measure of success through non-violent effort. We were groping for the right means to combat the most organized violence in the world which the British power represents. You have challenged it. It remains to be seen which is the better organized, the German or the British. **We know what the British heel means for us and the non-European races of the world. But we would never wish to end the British rule with German aid.** We have found in non-violence a force which, if organized, can without doubt match itself against a combination of all the most violent forces in the world. In non-violent technique, as I have said, there is no such thing as defeat. It is all 'do or die' without killing or hurting. It can be used practically without money and obviously without the aid of science of destruction which you have brought to such perfection. It is a marvel to me that you do not see that it is nobody's monopoly. **If not the British, some other power will certainly improve upon your method and beat you with your own weapon.** You are leaving no legacy to your people of which they would feel proud. They cannot take pride in a recital of cruel deed, however skillfully planned. **I, therefore, appeal to you in the name of humanity to stop the war.** You will lose nothing by referring all the matters of dispute between you and Great Britain to an international tribunal of your joint choice. **If you attain success in the war, it will not prove that you were in the right. It will only prove that your power of destruction was greater.** Whereas an award by an impartial tribunal will show as far as it is humanly possible which party was in the right.

# Mahatma Gandhi: “*Letter to Adolf Hitler*“, As at Wardha, December 24, 1940



**You know that not long ago I made an appeal to every Briton to accept my method of non-violent resistance.**

I did it because the British know me as a friend though a rebel. I am a stranger to you and your people. I have not the courage to make you the appeal I made to every Briton. Not that it would not apply to you with the same force as to the British. But my present proposal is much simple because much more practical and familiar.

**During this season when the hearts of the peoples of Europe yearn for peace,** we have suspended even our own peaceful struggle. Is it too much to ask you to make an effort for peace during a time which may mean nothing to you personally, but which must mean much to the **millions of Europeans whose dumb cry for peace I hear, for my ears are attended to hearing the dumb millions?** I had intended to address a joint appeal to you and Signor Mussolini, whom I had the privilege of meeting when I was in Rome during my visit to England as a delegate to the Round Table Conference. I hope that he will take this as addressed to him also with the necessary changes.

I am,  
Your sincere friend,  
M.K. GANDHI

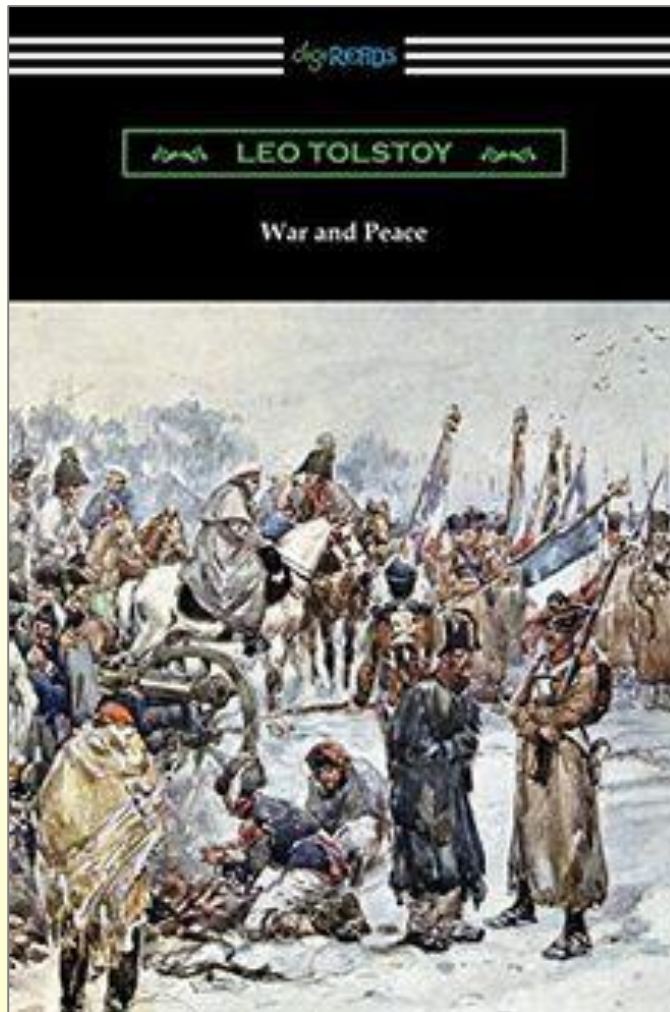


# The Russian Minister for Foreign Affairs Sergej Lawrow on the Fringes of the Meeting of Foreign Ministers in New Delhi (G20) at the Opening of the Exhibition about Tolstoy and Gandhi, 3/2023



Source: imago / SNA

# Leo Tolstoy: 'War and Peace', 1865



- Considered one of the greatest novels ever written, "**War and Peace**" masterfully captures an intimate view of humanity on an epic scale. In this sweeping narrative, Tolstoy utilizes a large cast of characters to brilliantly depict the impact of war on society.