



# Nimbkar Agricultural Research Institute

(Registered under The Societies Registration Act XXI and the Bombay Public Trust Act of 1950)

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## Appeal for Donations for Rural Development

([www.nariphaltan.org/donations.pdf](http://www.nariphaltan.org/donations.pdf))

[Nimbkar Agricultural Research Institute \(NARI\)](#) is a registered charitable Trust working in the areas of agriculture, renewable energy, animal husbandry and sustainable development. It is a pioneering Institute which has been involved in rural development for the last 47 years and has [good infrastructure with 40 ha of land](#).

It has many firsts to its credit. Among them are:

- (1) Development and All India release in 2002 of the first non-spiny [hybrid safflower NARI-NH-1](#) in the world for commercial production. Our institute has produced about 40% of all hybrids and varieties released in India and are grown over 5000 ha across the country.
- (2) Development of herbal health tea from safflower flowers for the first time in India.
- (3) Introduction of [sweet sorghum in India](#) in early 1970s. Sweet sorghum because of our efforts has today become the major alternative to sugarcane for ethanol production in India. Our hybrid “Madhura” has therefore been introduced all over the country and in dozen countries abroad.
- (4) Setting up world’s first pilot plant for [solar distillation of ethanol](#) from sweet sorghum in 1987.
- (5) Setting up Asia’s first pilot plant to [gasify loose bagasse and sugarcane leaves](#). 1995.
- (6) Development of [Lanstove™](#) (combined cooking and lighting device) for the first time in the world.
- (7) Development of [electric cycle rickshaws and other mobility devices](#) in late 1990s.
- (8) NARI is the principal author of the National Policy on [Taluka Energy Self-Sufficiency](#), which was run by MNES, New Delhi in the late 1990s.
- (9) Introduction for the first time in [India of twinning gene in Deccani sheep](#) so that the remuneration of shepherds is increased. NARI received the [CSIR award for this invention](#).
- (10) Development for the first time in the world of [lanterns and stoves running on 50 % \(w/w\) ethanol-water concentrations](#). NARI received the Sweden-based [Globe Forum Award](#) for this invention.

The details of renewable energy technology development work outlined above [have been written up in a recently released book](#).

NARI and its staff have won major awards like Padma Shri, [University of Florida Distinguished Alumnus Award](#), FICCI Award, [Jamnalal Bajaj Award](#), US-based Solar Hall of Fame, Sweden based Energy Globe Award, Vasantrao Naik Award, CSIR Rural Technology Award, etc. Details of these [achievements are given here](#).

Besides the technological innovations, NARI spreads its message of rural development by holding seminars and workshops in its [Bajaj center](#) and its staff give [inspirational talks](#) all over the country.

NARI's staff also writes regularly articles on policy issues affecting rural development. These are [published in some of the prestigious news lines all over the world.](#)

**NARI has a permanent income tax exemption under section 35(i)(ii) of the I.T. Act. Thus, all donations to NARI are 150% tax-free.** NARI is also registered under FCRA and hence can accept foreign donations. All the accounts of NARI are properly audited and regularly submitted to relevant IT authorities and the Charity Commissioner.

Your donations will help us continue our work in sustainable rural development. **Since NARI is working for the good of the society, hence your donations could be a part of CSR contribution.**

Specifically your donations will help us develop technologies and systems to increase the livelihood opportunities for rural population. We strongly feel that the society is best helped by creating rural livelihoods via technological interventions – something that NARI has and will continue doing by your help.

**The donations could also be in kind such as loaning of R&D engineers, technicians and managerial staff for some time to NARI. This will help them getting sensitized to rural problems which may help in your CSR activities. NARI on the other hand will benefit from their knowledge and expertise.**

The project portfolio that will be helped by your donations contains the following:

1. Development of small heat-powered, absorption refrigerator for rural huts. In our work with the landless laborers in rural Maharashtra, who are [using our lanstove](#), we find that most of the times their leftover vegetables and milk gets spoilt. A small low-cost refrigerator, running on thermal inputs and without any moving parts, will go a long way in preventing the spoilage and help reduce their cooking chores. Total onetime budget of Rs. 50 lakh.
2. Setting up a village-level clean water dispenser. NARI has developed very unique water cleaning system which [relies on filtration and sub-boiling of water.](#) We feel that a solar-powered small drinking water utility in a village can be set up with an ATM-type water

dispenser. If successful, this model can be scaled up for many villages. Total onetime budget of Rs. 50 lakh.

3. Production of fuels like kerosene from agricultural residues. With [agricultural residues available in plentiful](#), NARI proposes that Taluka level bio-refineries could help in creation of jobs and wealth in rural areas. This is a major R&D project and may involve many GOI labs like NCL, etc. and institutes like IITs. The total budget is Rs. 3-5 crores over 5 year period.
4. Setting up a precision agriculture model farm. NARI proposes to set aside 2 acres of its farmland to develop and test precision agriculture concepts and machinery. Recently a [concept paper on this subject has been written](#). We feel that precision agriculture with high technology inputs can be one of the biggest industries in India and can bring tremendous wealth and jobs to rural areas. Total budget of Rs. 5 crores in next five years.
5. To train and sensitize young engineers on the use of high technology for rural applications. NARI has established an excellent training facility called [Bajaj center for Sustainable Development](#) which will be used for this purpose. This is an ongoing activity and the budget is Rs. 20 lakh/yr.
6. To increase the corpus of NARI by Rs. 10 crores in next two years. The income from this corpus will help the Institute to undertake the above projects more affectively and efficiently.

**Please make all the cheques or demand drafts in the name of Nimbkar Agricultural Research Institute payable at Phaltan. Please indicate in your covering letter whether the donation is for corpus or for some specific project listed above. The covering letter together with donations should either be sent to the President or the Hon. Secretary at the address listed on this letterhead.**

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